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|  | <p style="text-align: center;"><b>MAHATMA GANDHI UNIVERSITY</b><br/>Kottayam, Kerala</p> <p style="text-align: center;"><b>Undergraduate Programmes (HONOURS)</b><br/><b>2025 Admission Onwards</b></p> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| SYLLABUS               |                                                                                                                                                                                                                               |         |         |          |             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|----------|-------------|
| SIGNATURE COURSE       |                                                                                                                                                                                                                               |         |         |          |             |
| Name of the College    | Yeldo Mar Baselios College, Kothamangalam                                                                                                                                                                                     |         |         |          |             |
| Faculty/ Discipline    | Art and Design                                                                                                                                                                                                                |         |         |          |             |
| Programme              | -                                                                                                                                                                                                                             |         |         |          |             |
| Course Coordinator     | Jasmin.M.A                                                                                                                                                                                                                    |         |         |          |             |
| Contributors           | Reshma Antony                                                                                                                                                                                                                 |         |         |          |             |
| Course Name            | PLANTSCAPING                                                                                                                                                                                                                  |         |         |          |             |
| Type of Course         | SEC                                                                                                                                                                                                                           |         |         |          |             |
| Specialization title   | This Signature Course does not have a specialization.                                                                                                                                                                         |         |         |          |             |
| Course Code            | MG4SECADNA00                                                                                                                                                                                                                  |         |         |          |             |
| Course Level           | 200                                                                                                                                                                                                                           |         |         |          |             |
| Course Summary         | This course enables the learners to learn the principles of landscape gardening and understand the importance of green building technology with acquired knowledge in recent green building materials and to trap rain water. |         |         |          |             |
| Semester               | 4                                                                                                                                                                                                                             | Credits |         | 3        |             |
| Course Details         | Learning Approach                                                                                                                                                                                                             |         | Lecture | Tutorial | Total Hours |
|                        | Credits                                                                                                                                                                                                                       |         | 2       | 1        | 45          |
| Pre-requisites, if any |                                                                                                                                                                                                                               |         |         |          |             |

#### Course Outcomes (CO)

| Number of COs |                                                                                                                                                                                | 4                  |          |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|
| CO No.        | Expected Course Outcome                                                                                                                                                        | Learning Domains * | PO No    |
| 1             | Describe the principles, elements, and environmental factors of landscape design, and relate plant characteristics to spatial and aesthetic outcomes in exterior environments. | K, U               | PO1, PO2 |
| 2             | Develop site-sensitive landscape layouts by applying design principles, climate considerations, and user requirements.                                                         | A                  | PO3      |
| 3             | Examine and compare different landscape techniques, materials, and planting strategies for varied site conditions and functions.                                               | An                 | PO4      |
| 4             | Create integrated and sustainable landscape design proposals that respond to environmental, functional, and user-centric needs.                                                | C                  | PO6      |

\*Remember (K), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C), Skill (S), Interest (I) and Appreciation (Ap)

## CO-PO Articulation Matrix

| CO/PO | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO 10 |
|-------|------|------|------|------|------|------|------|------|------|-------|
| CO 1  | 3    | 2    | -    | -    | -    | -    | -    | -    | -    | -     |
| CO 2  | -    | -    | 2    | -    | -    | -    | -    | -    | -    | -     |
| CO 3  | -    | -    | -    | 3    | -    | -    | -    | -    | -    | -     |
| CO 4  | -    | -    | -    | -    | -    | 3    | -    | -    | -    | -     |

'0' is No Correlation, '1' is Slight Correlation (Low level), '2' is Moderate Correlation (Medium level) and '3' is Substantial Correlation (High level).

## Course Content

Content for Classroom transaction (Units)

| Module | Units                                       | Course Description                                                                                     | Hrs | CO No.     |
|--------|---------------------------------------------|--------------------------------------------------------------------------------------------------------|-----|------------|
| 1      | Fundamentals of Landscape Design & Planting |                                                                                                        |     |            |
|        | 1.1                                         | Introduction to Landscape Architecture                                                                 | 2   | ["1"]      |
|        | 1.2                                         | Principles & Elements of Landscape Design                                                              | 3   | ["1"]      |
|        | 1.3                                         | Environmental Factors: Climate, Soil, Topography<br>Plant Materials and Classification                 | 5   | ["1"]      |
|        | 1.4                                         | Plant Characteristics: Form, Texture, Colour, Growth<br>Relationship between plants and spatial design | 5   | ["1"]      |
| 2      | Site Planning & Landscape Elements          |                                                                                                        |     |            |
|        | 2.1                                         | Site Planning & Landscape Elements                                                                     | 5   | ["2", "3"] |
|        | 2.2                                         | Space Planning: Zoning & Circulation                                                                   | 5   | ["2", "3"] |
|        | 2.3                                         | Hardscape Elements: Pathways, Paving, Seating, Water Features<br>Softscape Planning: Planting layouts  | 5   | ["2", "3"] |
| 3      | Sustainable Landscape Design & Application  |                                                                                                        |     |            |
|        | 3.1                                         | Sustainable Landscape Practices<br>Water Management & Irrigation                                       | 2   | ["3", "4"] |
|        | 3.2                                         | Climate-responsive design strategies                                                                   | 3   | ["3", "4"] |
|        | 3.3                                         | Interior-Exterior integration                                                                          | 5   | ["3", "4"] |
|        | 3.4                                         | Landscape drawing standards and<br>Design project development                                          | 5   | ["3", "4"] |

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <b>Teaching and Learning Approach</b> | <p style="text-align: center;"><b>Classroom Procedure (Mode of transaction)</b></p> <p>The teaching methodology for the course Landscape Architecture for Interior Architecture is designed to combine theoretical understanding with practical application, enabling students to develop both conceptual clarity and design skills. As interior architecture students engage with exterior environments, the approach emphasizes integration, creativity, and sustainability.</p> |
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| <b>Assessment Types</b> | <p style="text-align: center;"><b>MODE OF ASSESSMENT</b></p> <p style="text-align: center;">Mode of Assessment: Theory</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                         | <p style="text-align: center;"><b>A. Continuous Comprehensive Assessment (CCA)</b></p> <p style="text-align: center;">• <b>Theory - 25 Marks</b></p> <p style="text-align: center;">Plant Study , Site Visit ,Record submission</p>                                                                                                                                                                                                                                                                                                                                                                                    |
|                         | <p style="text-align: center;"><b>B. End Semester Evaluation (ESE)</b></p> <p style="text-align: center;">• <b>Theory - 50 Marks</b></p> <p style="text-align: center;">Assessment Methods - Test Papers<br/>Duration of Examination - 1.30 Hrs<br/>Pattern of examination for Theory - Non-MCQ<br/>Different parts of written examination - Part - A , B<br/>Answer Type:<br/> <ul style="list-style-type: none"> <li>◦ PART - A</li> <li>◦ Short answer - (10 out of 12 ) - <math>10 \times 2 = 20</math></li> <li>◦ PART - B</li> <li>◦ Short Essays - (6 out of 8 ) - <math>6 \times 5 = 30</math></li> </ul> </p> |

## References

- Dines, N. T., & Harris, C. W. (1998). Time-saver standards for landscape architecture: Design and construction data (2nd ed.). McGraw-Hill.
- Russ, T. H. (2009). Site planning and design handbook (2nd ed.). McGraw-Hill Professional.

## Affidavit

- We, Yeldo Mar Baselios College, Kothamangalam and Jasmin.M.A, retain the copyright of this syllabus and expressly prohibit its distribution in complete form to any institution outside our own.
- We, Yeldo Mar Baselios College, Kothamangalam, agree to appoint a new course coordinator for the proposed PLANTSCAPING in the event of the unavailability of the currently nominated coordinator. This appointment will ensure the continued coordination of course delivery, assessments, and all related academic responsibilities necessary for the successful implementation of the signature course, for as long as the college offers this programme.
- We, Yeldo Mar Baselios College, Kothamangalam and Jasmin.M.A, declare that no part of this signature course submitted here for approval has been taken from the course content developed by, or from any of the course titles prepared by, the BoS/expert committee in the same discipline under our University.

## **Annexure**

**Course Name: Plantscaping**

**Course Code: MG4SECADNA00**

### **MODE OF ASSESSMENT**

#### **CO-based Evaluation Parameters**

##### **A. Continuous Comprehensive Assessment (CCA) - 25 Marks**

|                         |                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Assessment Types</b> | <ul style="list-style-type: none"><li>Plant Study ,Site Visit,Record Submission</li><li>Assessments must be clearly mapped to the Course Outcomes (COs) specified in the syllabus.</li><li>The Teacher-Specific Module (TSM) is a compulsory part of the CCA. It should be designed, conducted, and evaluated by the teacher and must also be mapped to relevant Cos.</li></ul> |
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##### **B. End Semester Evaluation (ESE) - 50 Marks**

| <b>Assessment Types</b> | <b>Mapped COs</b> | <b>ESE Assessment criteria &amp; Description</b>                                                                                                                               | <b>Marks</b> |
|-------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|                         | CO1               | Describe the principles, elements, and environmental factors of landscape design, and relate plant characteristics to spatial and aesthetic outcomes in exterior environments. | 12           |
|                         | CO2               | Develop site-sensitive landscape layouts by applying design principles, climate considerations, and user requirements.                                                         | 13           |
|                         | CO3               | Examine and compare different landscape techniques, materials, and planting strategies for varied site conditions and functions.                                               | 12           |
|                         | CO4               | Create integrated and sustainable landscape design proposals that respond to environmental, functional, and user-centric needs.                                                | 13           |
|                         | <b>Total</b>      |                                                                                                                                                                                | <b>50</b>    |