



## Semester - 10

|          |                                      |           |          |           |            | Continuous Evaluation Marks |    |     |            |           | End Semester Exam Marks |     | End Semester Exam Passing Marks |           | Total Marks |
|----------|--------------------------------------|-----------|----------|-----------|------------|-----------------------------|----|-----|------------|-----------|-------------------------|-----|---------------------------------|-----------|-------------|
| Code     | Subject                              | Credit    | Lect     | S         | Field Work | I                           | J  | Sub | Total      | Passing   | T/D                     | V/P | T/D                             | V/P       |             |
| 01101551 | Thesis (Project)                     | 20        | 2        | 12        | 6          | 40                          | 60 | -   | 100        | 50        | -                       | -   | -                               | -         | 100         |
| 01101552 | Design Seminar & Publication         | 4         | 2        | 2         | -          | -                           | 20 | 30  | 50         | 25        | -                       | 50  | -                               | 25        | 100         |
|          | Elective-IV (Compulsory Subjects :1) | 6         | 2        | 2         | 2          | -                           | -  | -   | -          | -         | -                       | -   | -                               | -         | 100         |
|          | <b>Total</b>                         | <b>30</b> | <b>6</b> | <b>16</b> | <b>8</b>   |                             |    |     | <b>150</b> | <b>75</b> |                         |     |                                 | <b>25</b> | <b>300</b>  |

## Semester - 10 Elective-IV

|          |                                 |        |      |   |            | Continuous Evaluation Marks |    |     |       |         | End Semester Exam Marks |     | End Semester Exam Passing Marks |     | Total Marks |
|----------|---------------------------------|--------|------|---|------------|-----------------------------|----|-----|-------|---------|-------------------------|-----|---------------------------------|-----|-------------|
| Code     | Subject                         | Credit | Lect | S | Field Work | I                           | J  | Sub | Total | Passing | T/D                     | V/P | T/D                             | V/P |             |
| 01101580 | Housing                         | 6      | 2    | 2 | 2          | 20                          | 60 | 20  | 100   | 50      | -                       | -   | -                               | -   | 100         |
| 01101581 | Urban Design                    | 6      | 2    | 2 | 2          | 20                          | 60 | 20  | 100   | 50      | -                       | -   | -                               | -   | 100         |
| 01101582 | Interior Design                 | 6      | 2    | 2 | 2          | 20                          | 60 | 20  | 100   | 50      | -                       | -   | -                               | -   | 100         |
| 01101583 | Urban Planning                  | 6      | 2    | 2 | 2          | 20                          | 60 | 20  | 100   | 50      | -                       | -   | -                               | -   | 100         |
| 01101584 | Energy Conscious Architecture   | 6      | 2    | 2 | 2          | 20                          | 60 | 20  | 100   | 50      | -                       | -   | -                               | -   | 100         |
| 01101585 | Environmental Impact Assessment | 6      | 2    | 2 | 2          | 20                          | 60 | 20  | 100   | 50      | -                       | -   | -                               | -   | 100         |

**Lect-** Lectures, **Field Work** - Field Work, **S** - Studio, **I** - Internal, **J** - Jury, **Sub** - Submission, **T/D** - Theory, **V/P** - Practical  
**Theory Passing % :50 Practical Passing % : 50**

# PARUL UNIVERSITY - FACULTY OF ARCHITECTURE

Department of Architecture

SYLLABUS FOR 10th Sem B.Arch PROGRAMME

Thesis (Project) (01101551)

Type of Course : B.Arch

Prerequisite:

Rationale:

Teaching and Examination Scheme:

| Teaching Scheme<br>(Hrs./Week) |   |    | Credit | Examination Scheme |           |          |       |           | Total |
|--------------------------------|---|----|--------|--------------------|-----------|----------|-------|-----------|-------|
| L                              | T | P  |        | External           |           | Internal |       |           |       |
|                                |   |    |        | Theory             | Practical | Theory   | *C.E. | Practical |       |
| 2                              | 6 | 12 | 20     | -                  | -         | 40       | -     | 60        | 100   |

L-Lectures; T-Tutorial; P-Practical; C.E.-Continuous Evaluation

Contents:

| Sr. | Topic  | Weightage | Teaching Hrs. |
|-----|--|-----------|---------------|
| 1   | <p><b>Design or Theme based Re search:</b></p> <p>The Thesis is intended to evaluate the student's capacity and maturity in the field of Architecture.</p> <p>Study in the chosen field to be carried out in two stages:</p> <p>A) Data collection &amp; analysis</p> <ul style="list-style-type: none"><li>An in depth investigation into the aspects of the chosen area.</li><li>Analysis of data, inferences to establish underlying principles.</li><li>Reviews of existing practices / theory in view of current contexts.</li></ul> <p>B) Design / Research</p> <ul style="list-style-type: none"><li>Prepare detailed programme</li><li>Design or Research on basis of studies carried out in Part A.</li></ul> | %         |               |

**\*Continuous Evaluation:**

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc.

# PARUL UNIVERSITY - FACULTY OF ARCHITECTURE

Department of Architecture

## SYLLABUS FOR 10th Sem B.Arch PROGRAMME

Design Seminar & Publication (01101552)

Type of Course : B.Arch

Prerequisite:

Rationale:

Teaching and Examination Scheme:

| Teaching Scheme<br>(Hrs./Week) |   |   | Credit | Examination Scheme |           |          |       |           | Total |
|--------------------------------|---|---|--------|--------------------|-----------|----------|-------|-----------|-------|
| L                              | T | P |        | External           |           | Internal |       |           |       |
|                                |   |   |        | Theory             | Practical | Theory   | *C.E. | Practical |       |
| 2                              | - | 2 | 4      | -                  | 50        | -        | 30    | 20        | 100   |

L-Lectures; T-Tutorial; P-Practical; C.E.-Continuous Evaluation

Contents:

| Sr. | Topic   | Weightage | Teaching Hrs. |
|-----|---|-----------|---------------|
| 1   | <b>techniques of delivering a seminar (inclusive of pre sentation, debate, participatory discussion):</b> <ul style="list-style-type: none"><li>Deliver a seminar on any of the Architectural/ social/ cultural issues pertaining to community planning/ urban planning or urban design or rural planning/ design based on the theme/ topic chosen for the seminar.</li></ul> | %         |               |
| 2   | <b>learn the art of writing in Architecture.:</b> <ul style="list-style-type: none"><li>Write a paper on the same topic chosen for the seminar.</li></ul>   | %         |               |

**\*Continuous Evaluation:**

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc.

# PARUL UNIVERSITY - FACULTY OF ARCHITECTURE

Department of Architecture

SYLLABUS FOR 10th Sem B.Arch PROGRAMME

Housing (01101580)

Type of Course : B.Arch

Prerequisite:

Rationale:

Teaching and Examination Scheme:

| Teaching Scheme<br>(Hrs./Week) |   |   | Credit | Examination Scheme |           |          |       |           | Total |
|--------------------------------|---|---|--------|--------------------|-----------|----------|-------|-----------|-------|
| L                              | T | P |        | External           |           | Internal |       |           |       |
|                                |   |   |        | Theory             | Practical | Theory   | *C.E. | Practical |       |
| 2                              | 2 | 2 | 6      | -                  | -         | 20       | 20    | 60        | 100   |

L-Lectures; T-Tutorial; P-Practical; C.E.-Continuous Evaluation

Contents:

| Sr. | Topic  | Weightage | Teaching Hrs. |
|-----|--|-----------|---------------|
| 1   | <b>The techniques of a sse ssing the housing scenario &amp; current aspects of housing in India :</b> <ul style="list-style-type: none"><li>Housing survey and methodologies</li><li>Factors affecting housing</li><li>Housing demand, policies, slums, typologies, finance, agencies, etc.</li><li>Housing case studies</li><li>Post occupancy evaluation</li></ul> | %         |               |

**\*Continuous Evaluation:**

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc.

**Reference Books:**

1. Housing and Urbanisation: Building ideas for people and cities' (TextBook) Charles Correa; Thames and Hudson
2. Urban Development and Housing in India – 1974 to 2007' (TextBook) Rishi Muni Dwivedi; New Century Publications
3. Housing and Urbanisation: A Study of India' (TextBook) Cedric Pugh; SAGE Publications

# PARUL UNIVERSITY - FACULTY OF ARCHITECTURE

Department of Architecture

## SYLLABUS FOR 10th Sem B.Arch PROGRAMME

Urban Design (01101581)

Type of Course : B.Arch

Prerequisite:

Rationale:

Teaching and Examination Scheme:

| Teaching Scheme<br>(Hrs./Week) |   |   | Credit | Examination Scheme |           |          |       |           | Total |
|--------------------------------|---|---|--------|--------------------|-----------|----------|-------|-----------|-------|
| L                              | T | P |        | External           |           | Internal |       |           |       |
|                                |   |   |        | Theory             | Practical | Theory   | *C.E. | Practical |       |
| 2                              | 2 | 2 | 6      | -                  | -         | 20       | 20    | 60        | 100   |

L-Lectures; T-Tutorial; P-Practical; C.E.-Continuous Evaluation

Contents:

| Sr. | Topic   | Weightage | Teaching Hrs. |
|-----|---|-----------|---------------|
| 1   | <b>study the fundamentals of 'Urban design':</b> <ul style="list-style-type: none"><li>History of Urban design</li><li>Determinants of urban form</li><li>Urban design vocabulary</li><li>Imagability concepts, design principles, aesthetic, legislation, case studies</li></ul> | %         |               |

**\*Continuous Evaluation:**

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc.

**Reference Books:**

1. Fundamentals of Urban Design' (TextBook)  
Richard Hedman; APA Planners Press
2. Urban Design: Method and Techniques' (TextBook )  
Rafael Cuesta and Christine Sarris; Routledge

# PARUL UNIVERSITY - FACULTY OF ARCHITECTURE

Department of Architecture

SYLLABUS FOR 10th Sem B.Arch PROGRAMME

Interior Design (01101582)

Type of Course : B.Arch

Prerequisite:

Rationale:

Teaching and Examination Scheme:

| Teaching Scheme<br>(Hrs./Week) |   |   | Credit | Examination Scheme |           |          |       |           | Total |
|--------------------------------|---|---|--------|--------------------|-----------|----------|-------|-----------|-------|
| L                              | T | P |        | External           |           | Internal |       |           |       |
|                                |   |   |        | Theory             | Practical | Theory   | *C.E. | Practical |       |
| 2                              | 2 | 2 | 6      | -                  | -         | 20       | 20    | 60        | 100   |

L-Lectures; T-Tutorial; P-Practical; C.E.-Continuous Evaluation

Contents:

| Sr. | Topic   | Weightage | Teaching Hrs. |
|-----|---|-----------|---------------|
| 1   | <b>study in detail various aspects related to interior design:</b> <ul style="list-style-type: none"><li>History and principles of Interior design</li><li>Built-in and movable furniture</li><li>Interior fittings and furnishings</li><li>Colour, form, texture and lightning in interiors</li><li>Materials used in interiors</li><li>Building services related to interiors</li></ul> | %         |               |

**\*Continuous Evaluation:**

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc.

**Reference Books:**

1. Fundamentals of Interior Design' (TextBook)  
Simon Dodsworth with Stephen Anders on; Bloombury
2. Interior Design Illustrated' (TextBook)  
Francis D.K Ching and Corky Binggeli; Wiley

# PARUL UNIVERSITY - FACULTY OF ARCHITECTURE

Department of Architecture

SYLLABUS FOR 10th Sem B.Arch PROGRAMME

Urban Planning (01101583)

Type of Course : B.Arch

Prerequisite:

Rationale:

Teaching and Examination Scheme:

| Teaching Scheme<br>(Hrs./Week) |   |   | Credit | Examination Scheme |           |          |       |           | Total |
|--------------------------------|---|---|--------|--------------------|-----------|----------|-------|-----------|-------|
| L                              | T | P |        | External           |           | Internal |       |           |       |
|                                |   |   |        | Theory             | Practical | Theory   | *C.E. | Practical |       |
| 2                              | 2 | 2 | 6      | -                  | -         | 20       | 20    | 60        | 100   |

L-Lectures; T-Tutorial; P-Practical; C.E.-Continuous Evaluation

Contents:

| Sr. | Topic   | Weightage | Teaching Hrs. |
|-----|---|-----------|---------------|
| 1   | <b>Study the fundamentals of urban planning alongwith prevailing planning policies and schemes.:</b> <ul style="list-style-type: none"><li>• Evolution of settlement design</li><li>• Classification of settlements</li><li>• Planning methodologies</li><li>• Contribution of prominent Planners</li><li>• Urban planning policies</li><li>• Urban renewal schemes and methodologies</li></ul> | %         |               |

**\*Continuous Evaluation:**

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc.

**Reference Books:**

1. Cities of Tomorrow: An Intellectual History of Urban Planning and Design Since 1880' (TextBook) Peter Hall; Wiley-Blackwell
2. The Oxford Handbook of Urban Planning' (TextBook) Rachel Weber and Randall Crane; Oxford University Press

# PARUL UNIVERSITY - FACULTY OF ARCHITECTURE

Department of Architecture

## SYLLABUS FOR 10th Sem B.Arch PROGRAMME

Energy Conscious Architecture (01101584)

Type of Course : B.Arch

Prerequisite:

Rationale:

Teaching and Examination Scheme:

| Teaching Scheme<br>(Hrs./Week) |   |   | Credit | Examination Scheme |           |          |       |           | Total |
|--------------------------------|---|---|--------|--------------------|-----------|----------|-------|-----------|-------|
| L                              | T | P |        | External           |           | Internal |       |           |       |
|                                |   |   |        | Theory             | Practical | Theory   | *C.E. | Practical |       |
| 2                              | 2 | 2 | 6      | -                  | -         | 20       | 20    | 60        | 100   |

L-Lectures; T-Tutorial; P-Practical; C.E.-Continuous Evaluation

Contents:

| Sr. | Topic   | Weightage | Teaching Hrs. |
|-----|---|-----------|---------------|
| 1   | <b>Explore various ways of incorporating energy consciousness in architecture.:</b> <ul style="list-style-type: none"><li>• Use of energy in buildings</li><li>• Conserving energy</li><li>• Solar passive and solar active systems</li><li>• Wind energy</li><li>• Bio-mass energy</li><li>• Use of Recycled materials in architecture</li></ul> | %         |               |

**\*Continuous Evaluation:**

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc.

**Reference Books:**

1. Green Architecture: Design for an Energy -Conscious Future'  
(TextBook) Brenda Vale , Robert Vale; Bulfinch Pr
2. 'Low Impact Buildings: Housing using renewable materials'  
(TextBook) Tom Woodley; Wiley-Blackwell
3. Energy Efficient Buildings in India'  
(TextBook) Mili Majumdar; TERI



# PARUL UNIVERSITY - FACULTY OF ARCHITECTURE

Department of Architecture

SYLLABUS FOR 10th Sem B.Arch PROGRAMME

Environmental Impact Assessment (01101585)

Type of Course : B.Arch

Prerequisite:

Rationale:

Teaching and Examination Scheme:

| Teaching Scheme<br>(Hrs./Week) |   |   | Credit | Examination Scheme |           |          |       |           | Total |
|--------------------------------|---|---|--------|--------------------|-----------|----------|-------|-----------|-------|
| L                              | T | P |        | External           |           | Internal |       |           |       |
|                                |   |   |        | Theory             | Practical | Theory   | *C.E. | Practical |       |
| 2                              | 2 | 2 | 6      | -                  | -         | 20       | 20    | 60        | 100   |

L-Lectures; T-Tutorial; P-Practical; C.E.-Continuous Evaluation

Contents:

| Sr. | Topic  | Weightage | Teaching Hrs. |
|-----|--|-----------|---------------|
| 1   | <b>study the techniques of predicting the environmental impact of developmental projects:</b> <ul style="list-style-type: none"><li>Prediction of projects/ development impact on the existing % landscape and environment.</li><li>Co-relating use and existing landscape to reduce the impact.</li></ul> |           |               |

**\*Continuous Evaluation:**

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc.

**Reference Books:**

1. 'Introduction to Environment Impact Assessment (The Natural and Built Environment Series) (TextBook)  
John Glasson, Riki Therivel and Andrew Chadwick; Routledge
2. Environmental Impact Assessment Handbook: A Practical Guide for Planners, Developers and Communities' (TextBook)  
Barbara Caroll, Trevor Turpin, Adam Boyden; ICE Publishing