



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmsppcoa@rediffmail.com



Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University

University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

2.6

STUDENT PERFORMANCE & LEARNING OUTCOMES

2.6.2

Attainment of Pos & Cos



NAAC

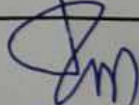
Criterion 2: TEACHING LEARNING AND EVALUATION

CONTENTS

2.6.1: Course Objectives & Po Mapping

| SR.NO. | DOCUMENT DETAILS | PG.NO. |
|--------|-------------------------------------|--------|
| 1 | Co-Po Mapping of First Yr. SEM-I | 1-9 |
| 2 | First Yr. SEM-II | 10-18 |
| 3 | Co-Po Mapping of Second Yr. SEM-III | 19-26 |
| 4 | Second Yr. SEM-IV | 27-35 |
| 5 | Co-Po Mapping of Third Yr. SEM-V | 36-44 |
| 6 | Third Yr. SEM-VI | 45-53 |
| 7 | Co-Po Mapping of Fourth Yr. SEM-VII | 54-61 |
| 8 | Fourth Yr. SEM-VIII | 62-69 |
| 9 | Co-Po Mapping of Fifth Yr. SEM-IX | 70-71 |
| 10 | Fifth Yr. SEM-X | 72-74 |
| 11 | Attainment of Pos & Cos | 75-76 |




Principal
Anantrao Pawar College of
Architecture Parvati, Pune-9

ABMSP's

ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

Parvati, Pune.

FIRST YEAR

SEM – I



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No. : 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|-------------------------------|-----------------------------|---|
| Academic Year: 2022-23 | Year: FIRST | Semester: I |
| Course : Basic Design | Course Code: 1201901 | Name of Faculty: Prof. Sunilkumar Bhosale, Prof. Subodh Dixit & Prof. Vaibhav Ghodke |

Course Outcomes:

CO 1. Inculcate within students a confidence to understand various spaces & their relations w.r.t. Design.

CO 2. Students to create various 2D & 3D compositions and understand the interrelation between them.

CO 3. Creation of space and its elements w.r.t psychology and representing them graphically.

CO 4. Use of various techniques and scales to enhance an existing space / object.


| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|------------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 3 |
| CO2 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 |
| CO3 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 3 |
| CO4 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2.5 | 2.75 | 3 | 2 | 2 | 2.5 | 2.75 | 2.75 |

3- High Correlation

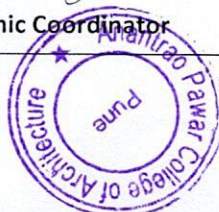
2- Medium Correlation

1-Low Correlation


Course Coordinator


Academic Coordinator


Principal





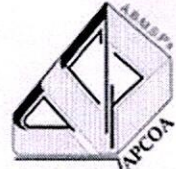
Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|--|---------------------------------|--|
| Academic Year: 2022-23 | Year: FIRST | Semester: I |
| Course: BUILDING CONSTRUCTION AND MATERIALS I | Course Code: 1201903[SV] | Name of Faculty: Prof.Shilpa Ingawale |

Course Outcomes:

- CO 1. Identify different basic building elements used for load bearing structure.
CO2. Draw and analyse typical load bearing structure graphically.
CO3. Determine various construction technologies to be used at various locations.
CO4. Understand use of various building material for construction.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-------------|---------------------|------------|------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 2 | | 2 | 2 | | 3 | |
| CO2 | 3 | 2 | | 1 | 2 | | 2 | 1 |
| CO3 | 3 | 3 | 1 | 2 | 2 | 2 | 3 | 3 |
| CO4 | 3 | 2 | | 3 | 2 | 2 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2.75 | 2.25 | 1.0 | 2.0 | 2.0 | 2.0 | 2.75 | 2.33 |

3- High Correlation

2- Medium Correlation

1-Low Correlation


Course Coordinator

Academic Coordinator




Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.
Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abm��pcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code - AR6837

| | | |
|--|---------------------------------|---------------------------------------|
| Academic Year: 2022-23 | Year: FIRST | Semester: I |
| Course: BUILDING CONSTRUCTION AND MATERIALS I | Course Code: 1201902[TH] | Name of Faculty: Prof.Shilpa Ingawale |

Course Outcomes:

- CO 1. Draw different basic building elements used for load bearing structure.
CO2. Student will be able to understanding application of bamboo as building material.
CO3. Preparing technical drawing for different types of walls in different construction materials such as brick, stone, rammed earth etc.
CO4. Understanding suitability of strip foundation and DPC.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|------------|---------------------|-------------|-------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 1 | | 2 | 1 | | 3 | 1 |
| CO2 | 3 | 1 | 2 | 2 | 2 | | 3 | 3 |
| CO3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| CO4 | 2 | 2 | 1 | 1 | 2 | | 2 | 1 |
| AVG.PO ATTAINMENT FOR COURSE | 2.5 | 1.5 | 1.67 | 1.75 | 1.75 | 2.0 | 2.75 | 2.0 |

3- High Correlation

2- Medium Correlation

1-Low Correlation


Course Coordinator

Academic Coordinator




Principal



| | | |
|---------------------------------------|--|---------------------------------------|
| Academic Year: 2022-23 | Year: First | Semester: I |
| Course : Theory of Structure I | Course Code: 1201904[Theory] | Name of Faculty: Prof. Bharat Barhate |

Course Outcomes:**CO 1. Introduction to Mechanics & Materials in building construction**

| Course Outcomes | Know ledge | Princip les & Theory | Creati vity | Practi ce | Colla borat ive Wor king | Inclu sivit y | Tech nolo gical Kno w How | Ability to choose area of specificati on of practice |
|-------------------------------------|------------|----------------------|-------------|-----------|--------------------------|---------------|---------------------------|--|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | | 3 | | 3 | | |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 3 | | 3 | | 3 | | |

3- High Correlation

2- Medium Correlation

1-Low Correlation

A handwritten signature in blue ink, appearing to read 'Dorhate', is positioned above the title 'Course Coordinator'.

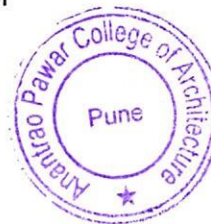
Course Coordinator

A handwritten signature in blue ink is positioned above the title 'Academic Coordinator'.

Academic Coordinator

A handwritten signature in blue ink is positioned above the title 'Principal'.

Principal





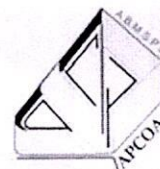
Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No : 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmbspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 /2014. Council of architecture code - MH 71, DTE code- AR6837

| | | |
|--|-----------------------------|--|
| Academic Year: 2022-23 | Year: FIRST | Semester: I |
| Course : ARCHITECTURAL GRAPHICS & DRAWING I | Course Code: 1201905 | Name of Faculty: Prof. Vikram Shah & Prof. Satish Ramteke |

Course Outcomes:

- CO 1** Demonstrate an understanding of basic form & develop perception, the ability to think graphically and utilize drawing as a language of communication.
- CO 2.** Use the architectural rendering techniques for building exteriors and interiors by using pen & ink, color, values, tones, etc.
- CO 3.** To communicate design ideas and concepts through graphical representation
- CO 4.** Articulate an understanding of visual impact of colors, lines, shapes and textures used in design & construct conceptual and presentation models as a design presentation tool for aesthetic exploration
- CO5.** To draw inspiration and develop sense of observation from their surroundings, society and things happening around them.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | area of specification of practice |
|-------------------------------------|------------|---------------------|------------|----------|-----------------------|-------------|------------------------|-----------------------------------|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 3 | 1 | 3 | 1 | 2 | 2 | 3 |
| CO2 | 2 | 3 | 3 | 3 | 2 | 2 | 3 | 2 |
| CO3 | 3 | 1 | 3 | 3 | 1 | 2 | 3 | 2 |
| CO4 | 3 | 3 | 2 | 2 | 2 | 1 | 2 | 3 |
| CO5 | 3 | | 3 | 3 | 1 | 1 | 1 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 2.6 | 2.5 | 2.4 | 3 | 1.4 | 1.6 | 2.2 | 2.4 |

3- High Correlation

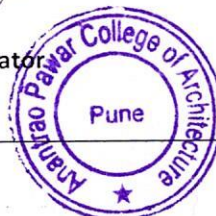
2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal





Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---|-----------------------------------|---|
| Academic Year: 2022-23 | Year: FIRST | Semester: I |
| Course : HISTORY OF ARCHITECTURE AND CULTURE - I | Course Code: 1201906 V(SS) | Name of Faculty: Dr. Alamas K Mirshikari |

Course Outcomes:

CO 1. Understanding of ancient history and civilization through hand drawn sketches understanding its location, scale, proportion and building elements and model to understand the scale and design.

CO 2. Exploration through case study temple visit understanding scale, proportion, socio cultural aspects wrt to climatical, geographical and cultural aspect and generate documentation in form of study report.

CO 3. Articulated through study of different community through literature study, videographic documentation, site visit, study tour and generate documentation in form of journal, presentation, model and photographic documentation.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|------------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 3 | 3 | 1 | 1 | 1 | 3 | 3 |
| CO2 | 3 | 1 | 2 | 1 | 3 | 1 | 3 | 3 |
| CO3 | 2 | 1 | 1 | 1 | 3 | 2 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2.3 | 1.6 | 2 | 1 | 2.3 | 1.3 | 3 | 3 |

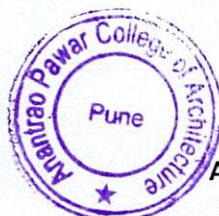
3- High Correlation

2- Medium Correlation

1-Low Correlation

Alamas

Course Coordinator



[Signature]

Academic Coordinator

[Signature]

Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web : www.apcoaapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|-------------------------------|-----------------------------|--|
| Academic Year: 2022-23 | Year: FIRST | Semester: I |
| Course : Communication Skill | Course Code: 1201907 | Name of Faculty: Prof.Vishakha Paygude |

Course Outcomes:

- CO 1.** Expressing various modes of communication and their significance.
- CO 2.** Classifying various methods and forms of technical writing in written communication.
- CO 3.** Articulating various methods of graphical communication and its usage.
- CO 4.** Expressing various methods of verbal communication and its usage.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-------------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 2 | 3 | 2 | 2 | 1 | | 1 |
| CO2 | 2 | 2 | 2 | 2 | 2 | 1 | | 1 |
| CO3 | 2 | 2 | 3 | 2 | 3 | 1 | | 2 |
| CO4 | 2 | | 2 | 2 | 2 | | | |
| AVG.PO ATTAINMENT FOR COURSE | 2.25 | 2 | 2.5 | 2 | 2.25 | 1 | | 1.33 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|-------------------------------|-----------------------------|-------------------------------------|
| Academic Year: 2022-23 | Year: FIRST | Semester: I |
| Course :Workshop I | Course Code: 1201908 | Name of Faculty: Prof.Shivani Khore |

Course Outcomes:

- CO 1.** Exploring different types of materials and its feasibility in model making.
- CO 2.** Understanding Limitation and advantages of various materials.
- CO 3.** Getting handson experience with materials like paper, boards, foam board etc.
- CO 4.** Exploring model making in various other courses like Building Construction and material, History, Basic Design.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-------------|---------------------|------------|-------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 1 | 3 | 2 | 2 | 1 | | |
| CO2 | 2 | 2 | 1 | 1 | | 2 | | |
| CO3 | 2 | 2 | 3 | 3 | 2 | 1 | 1 | |
| CO4 | 3 | 3 | 3 | 3 | 2 | 2 | | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 2.25 | 2.66 | 2.5 | 2.25 | 2 | 1.5 | 1 | 2 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator



Principal

ABMSP's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE
Parvati, Pune.

FIRST YEAR

SEM – II



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoaapune.org

Email : abmbspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra. Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014. Council of architecture code - MH 71 DTE code- AR6837

| | | |
|---------------------------------|-----------------------------|--|
| Academic Year: 2022-23 | Year: FIRST | Semester: II |
| Course : Architectural Design I | Course Code: 1201909 | Name of Faculty: Prof. Sunilkumar Bhosale, Prof. Subodh Dixit & Prof. Vaibhav Ghodke |

Course Outcomes:

- CO 1.** Students to be able to understand the factors affecting the process of design and its application in various situations.
- CO 2.** Students would be able to design a small space after analysis of various factors with the help of tools like form, function & aesthetics.
- CO 3.** Working in a group, students understand the Village Settlement study and the factors affecting it.
- CO 4.** Techniques for presenting the graphics of the design and oral discourse.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-------------|---------------------|------------|-------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 1 | 3 | 2 | 2 | 2 | 2 | 3 | 3 |
| CO2 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 3 |
| CO3 | 2 | 2 | 2 | | 3 | 3 | 3 | 3 |
| CO4 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 2.25 | 2.5 | 2.5 | 1.75 | 2.25 | 2.25 | 2.75 | 2.75 |

3- High Correlation

2- Medium Correlation

1-Low Correlation


Course Coordinator


Academic Coordinator


Principal





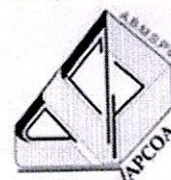
Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|--|---------------------------------|---------------------------------------|
| Academic Year: 2022-23 | Year: FIRST | Semester: II |
| Course : BUILDING CONSTRUCTION AND MATERIALS II | Course Code: 1201910[TH] | Name of Faculty: Prof.Shilpa Ingawale |

Course Outcomes:

CO 1. Produce technical drawing of timber door, window & staircase wrt technical data availability from market survey.

CO2. Suggest appropriate construction details for the mitigation of earthquake resistance.

CO3. Compare different roofing systems as per span requirements.

CO4. Elaborate advantages of materials such as timber, reinforced brick masonry etc.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|------------|---------------------|------------|-------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1 |
| CO2 | 3 | 3 | | 1 | 3 | 2 | 3 | 3 |
| CO3 | 3 | 1 | | 1 | 2 | | 2 | |
| CO4 | 3 | 2 | | 1 | 2 | 2 | 2 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 3.0 | 2.25 | 2.0 | 1.25 | 2.25 | 2.0 | 2.25 | 2.0 |

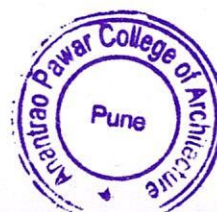
3- High Correlation

2- Medium Correlation

1-Low Correlation


Course Coordinator

Academic Coordinator




Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|--|---------------------------------|---------------------------------------|
| Academic Year: 2022-23 | Year: FIRST | Semester: II |
| Course : BUILDING CONSTRUCTION AND MATERIALS II | Course Code: 1201911[SV] | Name of Faculty: Prof.Shilpa Ingawale |

Course Outcomes:

CO 1. Produce technical drawing of timber door, window & staircase wrt technical data availability from market survey.

CO2. Suggest appropriate construction details for the mitigation of earthquake resistance.

CO3. Compare different roofing systems as per span requirements.

CO4. Elaborate advantages of materials such as timber, reinforced brick masonry etc.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|------------|---------------------|------------|-------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1 |
| CO2 | 3 | 3 | | 1 | 3 | 2 | 3 | 3 |
| CO3 | 3 | 1 | | 1 | 2 | | 2 | |
| CO4 | 3 | 2 | | 1 | 2 | 2 | 2 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 3.0 | 2.25 | 2.0 | 1.25 | 2.25 | 2.0 | 2.25 | 2.0 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator



Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|--|--|---------------------------------------|
| Academic Year: 2022-23 | Year: First | Semester: II |
| Course : Theory of Structure II | Course Code: 1201912[Theory] | Name of Faculty: Prof. Bharat Barhate |

Course Outcomes:

CO 1. This course will further student's understanding of the logic and details of construction technologies of complex systems and their impact on production of complex buildings.

CO2. This course will also bring in the aspect of environmental impact, energy intensiveness, carbon emissions and circularity (recyclability) of each material studied.

| Course Outcomes | Know ledge | Princip les & Theory | Creati vity | Practi ce | Colla borat ive Wor king | Inclu sivit y | Tech nolo gical Kno w How | Ability to choose area of specificati on of practice |
|-------------------------------------|------------|----------------------|-------------|------------|--------------------------|---------------|---------------------------|--|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | | 3 | | 3 | | |
| CO2 | 2 | 2 | | 2 | | 2 | | |
| AVG.PO ATTAINMENT FOR COURSE | 2.5 | 2.5 | | 2.5 | | 2.5 | | |

3- High Correlation

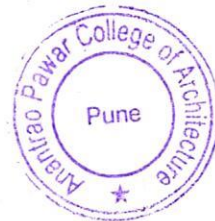
2- Medium Correlation

1-Low Correlation


Course Coordinator


Academic Coordinator


Principal





Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No. : 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---|-----------------------------|--|
| Academic Year: 2022-23 | Year: FIRST | Semester: II |
| Course : ARCHITECTURAL GRAPHICS & DRAWING II | Course Code: 1201913 | Name of Faculty: Prof. Vikram Shah & Prof. Satish Ramteke |

Course Outcomes:

- CO 1** Understanding the proficiency in drawing, which is seen as a primary communication tool in the practice of architecture just like language
CO 2. Understand the perspective of the buildings
CO 3. Demonstrate an understanding of furniture, people and accessories in one and two point projected perspective drawing.
CO 4. Articulate an understanding of volumetric drawings used in interior design.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 1 | 3 | 1 | 3 | 2 | 2 | 2 | 3 |
| CO2 | 2 | 3 | 1 | 3 | 3 | 2 | 3 | 2 |
| CO3 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 |
| CO4 | 3 | 3 | 3 | 3 | 1 | 1 | 2 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 2 | 2.75 | 2 | 3 | 2.25 | 1.75 | 2.25 | 2.25 |

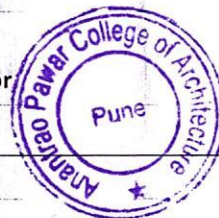
3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator



Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---|-----------------------------------|---|
| Academic Year: 2022-23 | Year: FIRST | Semester: II |
| Course: HISTORY OF ARCHITECTURE AND CULTURE - II | Course Code: 1201914 V(SS) | Name of Faculty: Dr. Alamas K Mirshikari |

Course Outcomes:

CO I. Understanding of cultural aspects wrt to buildings through literature study, measure drawing understanding the details, scale and proportion. Achieved through hand drawn sketches understanding building elements and models.

CO 2. Exploration of ideas through physically visiting historical buildings and representation of data through study report and presentation.

CO 3. Articulated through study of different community through group discussion, literature study, videographic documentation, site visit, study tour and generate documentation in form of journal, presentation, model and photographic documentation and presentation.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|------------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 2 | 3 | 1 | 3 | 1 | 3 | 3 |
| CO2 | 2 | 1 | | 1 | 3 | 1 | 3 | 3 |
| CO3 | 3 | 1 | 2 | 1 | 3 | 2 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2.3 | 1.3 | 2.5 | 1 | 3 | 1.3 | 3 | 3 |

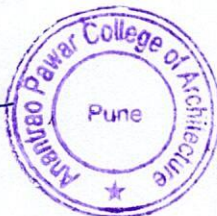
3- High Correlation

2- Medium Correlation

1-Low Correlation

Alamas

Course Coordinator



[Signature]

Academic Coordinator

[Signature]

Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoaapune.org

Email : abm��pcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---------------------------------------|-----------------------------|---|
| Academic Year: 2022-23 | Year: FIRST | Semester: II |
| Course : Fundamentals of Architecture | Course Code: 1201915 | Name of Faculty: Prof. Sunilkumar Bhosale |

Course Outcomes:

CO 1 Students to understand the distinguishing characteristics of architecture as a profession.

CO 2. Students are able to understand the concepts of function, form and aesthetics

CO 3. Students comprehend the does and don'ts in the profession.

CO 4. Students get an overview of the five years of academics and the various courses which make up the fundamentals of architectural education.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-------------|---------------------|------------|------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 1 | 3 | | | 2 | 2 | | 3 |
| CO2 | 3 | 3 | 1 | 2 | 2 | 2 | 3 | 3 |
| CO3 | 3 | 3 | | 1 | 2 | 3 | | 3 |
| CO4 | 2 | 3 | | 2 | 2 | | 2 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 2.25 | 3 | 1 | 1.6 | 2 | 2.3 | 2.5 | 2.75 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal





Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|-------------------------------|-----------------------------|--|
| Academic Year: 2022-23 | Year: FIRST | Semester: II |
| Course :Workshop II | Course Code: 1201916 | Name of Faculty: Prof.Vishakha Paygude |

Course Outcomes:

CO 1. Exploring different types of materials and its feasibility in model making.

CO 2. Understanding Architectural scale and proportion in physical mode.

CO 3. Getting hand son experience with materials like brick, wood, stone, POP etc.

CO 4. Visualization of basic architectural drawings and forms in 3D software like Sketchup, Lumion.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-------------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 1 | 2 | 3 | 3 | 2 | | | 2 |
| CO2 | 2 | | | 3 | | | | |
| CO3 | 2 | 2 | 3 | 3 | 2 | | | 2 |
| CO4 | 2 | | 3 | 3 | 2 | | 3 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 1.75 | 2 | 3 | 3 | 2 | | 3 | 2 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal

ABMSP's

ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

Parvati, Pune.

SECOND YEAR

SEM - III

Akhil Bharatiya Maratha Shikshan Parishad's

ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---|---------------------------------|---|
| Academic Year: 2022-23 | Year: SECOND | Semester: III |
| Course : Architectural Design - II | Course Code: 2201917[SV] | Name of Faculty: Prof. Vaishali D, Prof. Sandip Mhetre. |

Course Outcomes :

CO 1. Data collection and case, referral, live studies - process of observation, analysis, documentation and deriving inferences.

CO 2. Analyzing the Design briefs with significance of creating environments that accommodate users' wants and preferences while taking into account their cultural and social context.

CO 3. Design development portfolio : functional design solutions will take into account user activities, space efficiency, circulation patterns, light, ventilation, climate, various materials and the interaction between people.

| Course Outcomes | Know ledge | Princip les & Theory | Creati vity | Practi ce | Colla bora tive Work ing | Inclu sivit y | Tech nolo gical Know How | Ability to choose area of specificati on of practice |
|---|---------------|----------------------------|----------------|--------------|--------------------------------------|---------------------|--------------------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 1 | 3 | 3 | 3 | 2 | 3 |
| CO2 | 3 | 3 | 1 | 2 | 3 | 3 | 3 | 3 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 3 | 1.66 | 2.66 | 3 | 3 | 2.66 | 3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Vaishali
Course Coordinator

Academic Coordinator



Principal
Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---|--|---|
| Academic Year: 2022-23 | Year: Second | Semester: III |
| Course : BUILDING CONSTRUCTION AND MATERIALS III | Course Code: 2201919 () <i>SV</i> | Name of Faculty: Prof.Vaibhav Ghodke |

Course Outcomes:

CO 1. Study of different types of soils and their bearing capacities; Concept of bulb of pressure and its significance for site investigation.

CO 2. To study Types of shallow foundations and footings as per soil type & strata.

CO 3. Study of RCC ingredients, binding material, fine aggregate, coarse aggregate and water cement ratio, storage of materials on site, understanding good quality material; field & lab tests involved.

CO 4. RCC frame structure for residential structures, along with earthquake resistant features, reference of a RCC drawing. Construction of columns, beams, slabs for various types of end.

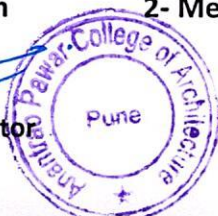
| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | | 3 | 3 | 3 | 3 | 3 |
| CO2 | 3 | 3 | | 3 | 3 | 3 | 3 | 3 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO4 | 3 | 3 | | 3 | 3 | 3 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 3 | <i>3</i> | 3 | 3 | 3 | 3 | 3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator



Academic Coordinator

Principal



| | | |
|---|---------------------------------|---------------------------------------|
| Academic Year: 2022-23 | Year: Second | Semester: III |
| Course : Theory of Structure III | Course Code: 2201920 [P] | Name of Faculty: Prof. Bharat Barhate |

Course Outcomes:

1. Understand the material Property.
2. Understand the concept of Limit State Method
3. Understand the concept Cement Concrete as a Material
4. Design Simple Compressive and Flexural Members in R.C.C.

| Course Outcomes | Know ledge | Princip les & Theory | Creati vity | Practi ce | Colla borat ive Wor king | Inclu sivit y | Tech nolo gical Kno w How | Ability to choose area of specificati on of practice |
|-------------------------------------|------------|----------------------|-------------|------------|--------------------------|---------------|---------------------------|--|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | | 1 | | 3 | | |
| CO2 | 3 | 2 | | 1 | | 2 | | |
| CO3 | 3 | 2 | | 2 | | 2 | | |
| CO4 | 3 | 2 | | 2 | | 2 | | |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 2.25 | | 1.5 | | 2.25 | | |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal





Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 / 2014 Council of architecture code - MH 71 DTE code- AR6837

| | | |
|---|-----------------------------|--|
| Academic Year: 2022-23 | Year: SECOND | Semester: III |
| Course : COMPUTER AIDED DRAWING & GRAPHICS | Course Code: 2201921 | Name of Faculty: Prof. Vikram Shah & Prof. Vishakha Paygude |

Course Outcomes:

- CO 1** To introduce students and initiate into theory and practice of Computer Applications in Architecture.
- CO 2.** To familiarize students with computers so as to understand complete management outlook of an architects' office besides architectural drawings.
- CO 3.** To teach graphic applications specially 2Dimensional for fast and attractive presentation of theme and ideas.
- CO 4.** To teach utilization of knowledge of 3D modelling and its application in design.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-------------|---------------------|-------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 3 | 1 | 3 | 3 | 3 | 3 | 2 |
| CO2 | 3 | 3 | 1 | 3 | 3 | 1 | 2 | 2 |
| CO3 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 2 |
| CO4 | 3 | 3 | 1 | 3 | 3 | 2 | 2 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2.75 | 3 | 1.25 | 3 | 2.75 | 2 | 2.5 | 2.25 |

3- High Correlation

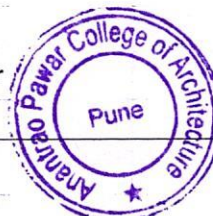
2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal





Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---|-----------------------------------|--|
| Academic Year: 2022-23 | Year: SECOND | Semester: III |
| Course: HISTORY OF ARCHITECTURE AND CULTURE - III | Course Code: 2201922 V(SS) | Name of Faculty: Dr. Alamas K Mirshikari |

Course Outcomes:

CO 1. Videographic Presentation to understand the development and architecture evolution of European architecture.

CO 2. Literature study through documentation understanding various styles and architecture details of Rome, gothic etc.

CO 3. Models to understand the scale and proportion.

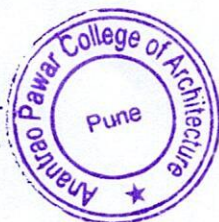
| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 1 | | 1 | 1 | 1 | 3 | 1 |
| CO2 | 2 | 1 | | 1 | 1 | 1 | 1 | 3 |
| CO3 | 2 | 2 | 3 | 1 | 3 | 2 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2 | 1.3 | 3 | 1 | 1.6 | 1.3 | 2.3 | 2.3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Alamre
Course Coordinator



[Signature]
Academic Coordinator

[Signature]
Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoaapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|-------------------------------------|---------------------------------|-------------------------------------|
| Academic Year: 2022-23 | Year: SECOND | Semester: III |
| Course : Building Services I | Course Code: 2201923 [P] | Name of Faculty: Prof. Nupur Mistry |

Course Outcomes:

CO 1. Student are able to know about the Sources of water supply, Treatment of water, Sizes of Underground tank and Overhead tank.

CO 2. Student are understand control valves and their application, Pipes and piping network.

CO 3. Student are understand Waste water treatment plant and sewage treatment plant.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-------------|---------------------|------------|-------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 3 | | 3 | 2 | 3 | 3 | 3 |
| CO2 | 3 | 3 | | 3 | 2 | 2 | 3 | 2 |
| CO3 | 2 | 2 | | 2 | 2 | 1 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2.33 | 2.66 | | 2.66 | 2 | 2 | 3 | 2.66 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator



Academic Coordinator

Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoaapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|-------------------------------------|----------------------------------|-------------------------------------|
| Academic Year: 2022-23 | Year: SECOND | Semester: III |
| Course : Building Services I | Course Code: 2201924 [SS] | Name of Faculty: Prof. Nupur Mistry |

Course Outcomes:

CO 1. Student are able to know about the Sources of water supply, Treatment of water, Sizes of Underground tank and Overhead tank

CO 2. Student are understand control valves and their application, Pipes and piping network.

CO 3. Student are understand Waste water treatment plant and sewage treatment plant.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-------------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 3 | 1 | 3 | 2 | 3 | 3 | 3 |
| CO2 | 3 | 3 | 1 | 3 | 2 | 2 | 3 | 2 |
| CO3 | 2 | 3 | 1 | 3 | 2 | 1 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2.33 | 3 | 1 | 3 | 2 | 2 | 3 | 2.66 |

3- High Correlation

2- Medium Correlation

1-Low Correlation



Course Coordinator

Academic Coordinator

Principal

ABMSP's

ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

Parvati, Pune.

SECOND YEAR

SEM - IV



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
 University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|--|----------------------------------|--|
| Academic Year: 2022-23 | Year: SECOND | Semester: IV |
| Course : Architectural Design - III | Course Code: 2201926 [SV] | Name of Faculty: Prof. Vaishali D, Prof. Sandip Mhetre. |

Course Outcomes :

CO 1. Data collection and case, referral, live studies - process of observation, analysis, documentation and deriving inferences.

CO 2. Analyzing the Design briefs with significance of creating environments that accommodate users' wants and preferences while taking into account their cultural and social context.

CO 3. Design development portfolio : functional design solutions will take into account user activities, space efficiency, circulation patterns, light, ventilation, climate, various materials and the interaction between people.

CO 4 A Settlement study report :Of particular region documentation covering details from whole to part and must include narratives, sketches, scale drawings, photographs

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|-------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 1 | 3 | 3 | 3 | 2 | 3 |
| CO2 | 3 | 3 | 1 | 2 | 3 | 3 | 3 | 3 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO4 | 3 | 1 | 1 | 3 | 3 | 3 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 2.5 | 1.5 | 2.75 | 3 | 3 | 2.75 | 3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Vaishali
 Course Coordinator

Academic Coordinator



[Signature]
 Principal



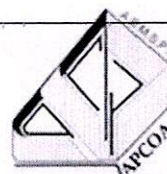
Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|--|--------------------------------|--------------------------------------|
| Academic Year: 2022-23 | Year: Second | Semester: IV |
| Course : BUILDING CONSTRUCTION AND MATERIALS IV | Course Code: 2201928 () SV | Name of Faculty: Prof.Vaibhav Ghodke |

Course Outcomes:

CO 1. Study of special concretes, along with understanding good quality material and field & lab tests.

CO 2. R.C.C structural drawing with details for balcony slabs, canopies, staircases with with earthquake resistant features.

CO 3. To Study Causes & application of Different methods or treatments of damp & water-proofing.

CO 4. Study of elevators, escalators, conveyors – types, size, capacity, speed and Mechanical safety methods, provisions in civil work for installation of elevators and escalators.

CO 5. Study and application of Various types of sliding and folding doors and building materials like Glass,Plastic,adhesive& sealant.

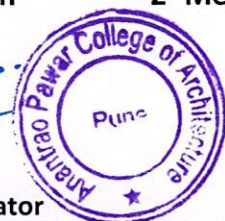
| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of |
|-------------------------------------|-----------|---------------------|------------|------------|-----------------------|-------------|------------------------|--|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | | 1 | 3 | 3 | 3 | 3 |
| CO2 | 3 | 3 | | 3 | 3 | 3 | 3 | 3 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 3 | 3 | 2.6 | 3 | 3 | 3 | 3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator



Academic Coordinator

Principal



| | | |
|--|--------------------------------|---------------------------------------|
| Academic Year: 2022-23 | Year: Second | Semester: IV |
| Course : Theory of Structure IV | Course Code: 2201929 CP | Name of Faculty: Prof. Bharat Barhate |

Course Outcomes:

CO 1. To Gain understanding of Steel Structural Systems including composite construction and fundamental principles and structural behaviour of steel buildings in withstanding gravity, lateral (seismic and wind), and other environmental forces.

CO 2. To understand the process of the design of structural steel systems and the design of simple steel structures

| Course Outcomes | Know ledge | Princip les & Theory | Creati vity | Practi ce | Colla borat ive Wor king | Inclu sivit y | Tech nolo gical Kno w How | Ability to choose area of specificati on of practice |
|---|---------------|----------------------------|----------------|--------------|--------------------------------------|---------------------|--|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | | 3 | | 3 | | |
| CO2 | 3 | 2 | | 3 | | 2 | | |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 2.5 | | 3 | | 2.5 | | |

3- High Correlation

2- Medium Correlation

1-Low Correlation


 Course Coordinator


 Academic Coordinator


 Principal




Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoaapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|--------------------------------|----------------------------------|---|
| Academic Year: 2022-23 | Year: Second | Semester: IV |
| Course : Environmental Science | Course Code: 2201930 [SS] | Name of Faculty: Dr. Rajendra B. Koli & Prof.Sunil Bhosale |

Course Outcomes:

CO 1. Students should be able to grasp the interdisciplinary nature of environment science and its interdependence on development and society.

CO 2. To think holistically about the environment when taking architectural design decisions.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 2 | 1 | 2 | 2 | 2 | | 2 |
| CO2 | 3 | 3 | 2 | 3 | 1 | 2 | | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 2.5 | 1.5 | 2.5 | 1.5 | 2 | | 2 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator



Academic Coordinator

Principal



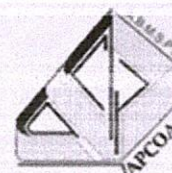
Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoaapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---|---------------------------|--|
| Academic Year: 2022-23 | Year: SECOND | Semester: IV |
| Course : History Of Architecture And Culture Iv | Course Code: 2201931 [SS] | Name of Faculty: Prof. Alamas Mirshikari |

Course Outcomes:

CO 1. . An awareness of how numerous variables, such as technical advancements, colonisation, globalisation, economy, and urbanisation, have transformed architecture as a product.

CO 2. Knowledge of the formal, structural, and aesthetic components of architectural evolution.

CO 3. Knowledge of global current architecture in relation to historical predecessors and reactions to those precedents.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|-------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 1 | 2 | 3 | 1 | 2 | 2 | 1 | 2 |
| CO2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |
| CO3 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 2 | 2.33 | 3 | 1.66 | 2 | 2 | 1.66 | 2 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Alamas

Course Coordinator

[Signature]

Academic Coordinator



[Signature]

Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web : www.apcoaapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|--------------------------------------|---------------------------------|---------------------------------------|
| Academic Year: 2022-23 | Year: SECOND | Semester: IV |
| Course : Building Services II | Course Code: 2201932 [P] | Name of Faculty: Prof. Satish Ramteke |

Course Outcomes:

CO 1. Students are able to design electrical layout Electrical layout in their Architectural Design Project

CO 2. Students are able to design the opening sizes and shading devices of window.

CO 3. Students are understand process of the collection, Treatment and disposal of solid waste.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-------------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | | 3 | 3 | 3 | 3 | 2 |
| CO2 | 3 | 3 | | 3 | 2 | 2 | 3 | 2 |
| CO3 | 2 | 3 | | 3 | 2 | 2 | 3 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 2.66 | 3 | | 3 | 2.33 | 2.33 | 3 | 2 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator



Academic Coordinator

Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoaapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|--------------------------------------|----------------------------------|---------------------------------------|
| Academic Year: 2022-23 | Year: SECOND | Semester: IV |
| Course : Building Services II | Course Code: 2201933 [SS] | Name of Faculty: Prof. Satish Ramteke |

Course Outcomes:

CO 1. Students are able to design electrical layout Electrical layout in their Architectural Design Project.

CO 2. Students are able to design the opening sizes and shading devices of window.

CO 3. Students are understand process of the collection, Treatment and disposal of solid waste.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 2 |
| CO2 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 2 |
| CO3 | 3 | 3 | | 3 | 3 | 2 | 3 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 3 | 2 | 3 | 2.66 | 2.33 | 3 | 2 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator



Academic Coordinator

Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|--|---------------------------------|---------------------------------------|
| Academic Year: 2022-23 | Year: SECOND | Semester: IV |
| Course : Site Survey and Analysis | Course Code: 2201934[SS] | Name of Faculty: Prof. Satish Ramteke |

Course Outcomes:

CO 1. Students able to comprehend the site characteristics, reading and interpreting survey drawings.

CO 2. Students are able to handle equipment of used in surveying and levelling.

CO 3. Students are able to site analysis and synthesis of their Architectural Project.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-------------|---------------------|------------|-------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 3 | | 3 | 2 | 1 | 3 | 3 |
| CO2 | 3 | 3 | | 3 | 2 | 2 | 2 | 2 |
| CO3 | 2 | 2 | | 2 | 2 | 3 | 2 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2.33 | 2.66 | | 2.66 | 2 | 2 | 2.3 | 2.66 |

3- High Correlation

2- Medium Correlation

1-Low Correlation



Satish Ramteke

Course Coordinator

[Signature]

Academic Coordinator

[Signature]

Principal

ABMSP's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE
Parvati, Pune.

THIRD YEAR

SEM - V



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmsspcoa@rediffmail.com



Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|------------------------------------|---------------------------|--|
| Academic Year: 2022-23 | Year: THIRD | Semester: V |
| Course : Architectural Design - IV | Course Code: 3201935 [SV] | Name of Faculty: Prof. Shilpa Ingawale, Prof. Vikram Shah , Prof. Subodh Dixit |

Course Outcomes:

CO 1. Data collection and case studies.

CO 2. Architectural Design briefs generation and site selection.

CO 3. Design development portfolio : Build competency and ability to make communicative architectural drawings that are of readable scales, preferably in readable scale. Model+ Campus level drawings+Appropriate details with understanding to resolve structural systems of various construction techniques and services.

| Course Outcomes | Know ledge | Princip les & Theory | Creati vity | Practi ce | Colla bora tive Work ing | Inclu sivit y | Tech nolo gical Kno w How | Abili ty to choose area of specificati on of practice |
|-------------------------------------|------------|----------------------|-------------|-------------|--------------------------|---------------|---------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 1 | 3 | 3 | 3 | 2 | 3 |
| CO2 | 3 | 3 | 1 | 2 | 3 | 3 | 3 | 3 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 3 | 1.66 | 2.66 | 3 | 3 | 2.66 | 3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal





Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmbspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|--|----------------------------------|--|
| Academic Year: 2022-23 | Year: THIRD | Semester: V |
| Course: BUILDING CONSTRUCTION AND MATERIAL(S V) | Course Code: 3201937 [SV] | Name of Faculty: Prof. Shailaja Bhagwat, Prof. Vishakha Paygude |

Course Outcomes:

- CO 1. Describe single basement construction methodology with various waterproofing technologies.
- CO2. Produce technical drawings of non-timber partition, panelling & false ceiling wrt technical data availability from market survey.
- CO3. Demonstrate various furniture items using models, technical drawings and Market Survey.
- CO4. Compare & suggest appropriate R.C.C. slabs for long span structures.

| Course Outcomes | Know ledge | Princi ples & Theor y | Creati vity | Practi ce | Coll abor ative Wor king | Inclu sivit y | Tech nolo gical Kno w How | Ability to choose area of specific ation of practic e |
|------------------------------|------------|-----------------------|-------------|-----------|--------------------------|---------------|---------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 2 | | 3 | 2 | | 3 | |
| CO2 | 3 | 2 | | 3 | 2 | | 3 | 1 |
| CO3 | 3 | 2 | 1 | 3 | 2 | 2 | 3 | 3 |
| CO4 | 3 | 3 | 1 | 3 | 2 | 2 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2.75 | 2.25 | 1 | 3 | 2 | 2 | 3 | 2.33 |

3- High Correlation

2- Medium Correlation

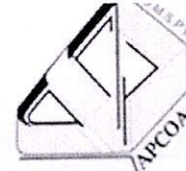
1-Low Correlation


Course Coordinator


Academic Coordinator




Principal



| | | |
|---------------------------------------|---------------------------------|--|
| Academic Year: 2022-23 | Year: THIRD | Semester: V |
| Course : Theory of Structure V | Course Code: 3201938 [P] | Name of Faculty: Prof.Toufik Bagwan |

Course Outcomes:

CO 1. To understand the basic principles of structural mechanics, so that it can help in building a strong basis to understand study of structural design. .

CO 2. Developing in students, material skills to analyze and understand fundamentals and working of various parts of different structural systems.

CO 3. Understanding structural design in RCC.

| Course Outcomes | Know ledge | Princip les & Theory | Creati vity | Practi ce | Colla borat ive Wor king | Inclu sivit y | Tech nolo gical Kno w How | Ability to choose area of specificati on of practice |
|-------------------------------------|------------|----------------------|-------------|-----------|--------------------------|---------------|---------------------------|--|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | | 3 | | 3 | | |
| CO2 | 3 | 2 | | 3 | | 2 | | |
| CO3 | 3 | 2 | | 3 | | 2 | | |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 2.33 | | 3 | | 2.33 | | |

3- High Correlation

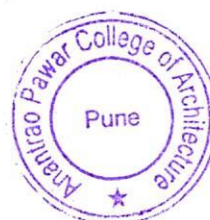
2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal





**AKHIL BHARATIYA MARATHA SHIKSHAN PARISHAD'S
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE, PARVATI, PUNE**

S. No.103, Shahu College Road, Parvati, Pune - 411009

Tel.: 020-24218901/8959 Tele Fax : 020-24213929

Web.: <http://www.apcoapune.com> Email : abmspcoa@rediffmail.com

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to University of Pune
University of Pune Identification No.: PU/PN/Arch/445/2014 DTE CODE : 6837

| | | |
|---------------------------------|---------------------------------|--|
| Academic Year: 2022-23 | Year: Third | Semester: v |
| Course : Landscape Architecture | Course Code: 3201939[SS] | Name of Faculty: Prof. Almas M. Prof. Shivani K |

Course Outcomes:

CO 1. Introduction to Landscape Architecture and its scope ,elements(natural and manmade) and their application in achieving functional, aesthetic, environmental and cultural goals.

CO 2. Principles and approaches in Landscape Design. Illustrations can be from contemporary as well as historic landscapes for understanding various approaches of design.

CO3. Unit 3. Study of Hard landscape (civil work) details with respect to materials and construction techniques..

CO4. Study of Softscape (plant material), their characteristics and contribution in terms of creating and imparting character to outdoor space

CO5. Introduction to basics of Site planning and process of site planning.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|------------|---------------------|------------|------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 1 | 3 | 3 | 1 | 1 | 1 | 2 | 2 |
| CO2 | 2 | 2 | 3 | 1 | 3 | 2 | 2 | 2 |
| CO3 | 3 | 3 | 3 | 1 | 2 | 2 | 3 | 2 |
| CO4 | 3 | 2 | 3 | 2 | 2 | 1 | 2 | 2 |
| CO5 | 2 | 1 | 3 | 2 | 1 | 1 | 2 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 2.2 | 2.2 | 3 | 1.4 | 1.8 | 1.4 | 2.2 | 2 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Almas
Course Coordinator

[Signature]
Academic Coordinator



[Signature]
Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---|------------------------------|---|
| Academic Year: 2022-23 | Year: THIRD | Semester: VI |
| Course: Elective I [Contemporary Architecture] | Course Code: 3201940 [SS] | Name of Faculty: Prof. Shailaja Bhagwat |

Course Outcomes:

CO 1. Using what has been learned from studying architectural history to critique modern architecture.

CO 2. Creation of a unique point of view and the development of an argument to support it.

CO 3. The ability to speak about a chosen subject and start a discussion.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 2 | 3 | 3 | 1 | 2 | 2 | 2 |
| CO2 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 |
| CO3 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 2.66 | 2.3 | 2.3 | 1.66 | 2.5 | 2.66 | 2.66 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator



Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmbspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---------------------------------------|----------------------------------|--|
| Academic Year: 2022-23 | Year: THIRD | Semester: V |
| Course : Building services III | Course Code: 3201942 [SS] | Name of Faculty: Vaibhav Ghodke |

Course Outcomes:

1. Principles of working of natural ventilation, heating, cooling and HVAC systems, components, materials and provisions in architectural design.
2. Onsite case study analysis with layout preparation of various HVAC systems.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|------------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 2 | | 3 | 1 | 2 | 3 | 3 |
| CO2 | 3 | 2 | | 3 | 1 | 2 | 3 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 2.5 | 2 | | 3 | 1 | 2 | 3 | 2.5 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator



Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---------------------------------------|---------------------------------|--|
| Academic Year: 2022-23 | Year: THIRD | Semester: V |
| Course : Building Services III | Course Code: 3201941 [P] | Name of Faculty: Vaibhav Ghodke |

Course Outcomes:

1. Principles of working of natural ventilation, heating, cooling and HVAC systems, components, materials and provisions in architectural design
2. Functional and aesthetical aspects of building services coordination in architectural design.
3. Schematic air-conditioning calculations and ducting layout.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-------------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 2 | | 3 | 1 | 2 | 3 | 3 |
| CO2 | 3 | 3 | 3 | 3 | 1 | 2 | 3 | 3 |
| CO3 | 3 | 2 | | 3 | 1 | 2 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2.66 | 2.33 | 3 | 3 | 1 | 2 | 3 | 3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator



Principal



| | | |
|-----------------------------------|----------------------------------|--|
| Academic Year: 2022-23 | Year: THIRD | Semester: V |
| Course : WORKING DRAWING I | Course Code: 3201943 [SS] | Name of Faculty: Prof.Yogesh K, Prof. Vaibhav Ghodake |

Course Outcomes:

CO 1.Drawing: Students will learn the skills necessary to draft working drawings, such as floor plans, elevations, sections, and construction details,that are precise and comprehensive.

CO 2.Students will have an understanding of the practical consequences of working drawings during the on-site implementation of architectural projects.

CO 3. Interpreting Local Building Codes and Regulations: Students will become more familiar with their local building codes and regulations and learn how to incorporate these requirements into their working drawings to ensure compliance with applicable standards.

| Course Outcomes | Know ledge | Princip les & Theory | Creati vity | Practi ce | Colla borat ive Wor king | Inclu sivit y | Tech nolo gical Kno w How | Ability to choose area of specificati on of practice |
|-------------------------------------|------------|----------------------|-------------|-----------|--------------------------|---------------|---------------------------|--|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 2.33 | 2.66 | 3 | 3 | 3 | 3 | 3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal



ABMSP's

ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

Parvati, Pune.

THIRD YEAR

SEM - VI



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web : www.apcoapune.org

Email : abmspcoa@rediffmail.com



Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|--|----------------------------------|---|
| Academic Year: 2022-23 | Year: THIRD | Semester: VI |
| Course : Architectural Design - V | Course Code: 3201944 [SV] | Name of Faculty: Prof. Shilpa Ingawale, Prof. Vikram Shah , Prof. Subodh Dixit |

Course Outcomes:

CO 1. Data collection and case studies.

CO 2. Architectural Design briefs generation and site selection.

CO 3. Design development portfolio : Build competency and ability to make communicative architectural drawings that are of readable scales, preferably in readable scale. Model+ Campus level drawings+Appropriate details with understanding to resolve structural systems of various construction techniques and services.

| Course Outcomes | Know ledge | Princip les & Theory | Creati vity | Practi ce | Colla bora tive Work ing | Inclu sivit y | Tech nolo gical Kno w How | Ability to choose area of specificati on of practice |
|-------------------------------------|------------|----------------------|-------------|-------------|--------------------------|---------------|---------------------------|--|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 1 | 3 | 3 | 3 | 2 | 3 |
| CO2 | 3 | 3 | 1 | 2 | 3 | 3 | 3 | 3 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 3 | 1.66 | 2.66 | 3 | 3 | 2.66 | 3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

(*prof. Shilpa Ingawale*)

Academic Coordinator



Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoaapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---|-----------------------------|--|
| Academic Year: 2022-23 | Year: THIRD | Semester: VI |
| Course :Building Construction and Material VI | Course Code: 3201946 | Name of Faculty: Prof.Vishakha Paygude |

Course Outcomes:

CO 1. Understanding of Types of steel used in building construction, Use of lightweight steel producing detail drawings of Market forms of structural and non-structural steel, Built-up sections.

CO 2. Designing and sketching of various types of fencing and gates with details.

CO 3. Understanding concepts of trusses for low rise mid span buildings.

CO 4. Studying details of assembly with stanchion, beams and metal deck flooring along with earthquake resistant features, Moisture and fire protections.

CO 5. Drafting of Precast floor and roof construction systems developed by CBRI using partially precast planks and joist, precast Waffle unit, proprietary precast systems.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|------------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 1 | 2 | 2 | | 2 | 1 |
| CO2 | 2 | 1 | 2 | 2 | | | | 1 |
| CO3 | 2 | 2 | 1 | 2 | 2 | | 2 | 1 |
| CO4 | 2 | 3 | | | 2 | 2 | 1 | 1 |
| CO5 | 3 | 2 | | 2 | 2 | | 2 | |
| AVG.PO ATTAINMENT FOR COURSE | 2.4 | 2.2 | 1.3 | 2 | 2 | 2 | 1.75 | 1 |

3 - High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal



| | | |
|--|--------------------------------|---|
| Academic Year: 2022-23 | Year: THIRD | Semester: VI |
| Course : Theory of Structure VI | Course Code: 3201947[P] | Name of Faculty: Prof. Toufik Bagwan |

Course Outcomes:

CO 1. To Gain understanding of Steel Structural Systems including composite construction and fundamental principles and structural behaviour of steel buildings in withstanding gravity, lateral (seismic and wind), and other environmental forces.

CO 2. To understand the process of the design of structural steel systems and the design of simple steel structures

| Course Outcomes | Know ledge | Princip les & Theory | Creati vity | Practi ce | Colla borat ive Wor king | Inclu sivit y | Tech nolo gical Kno w How | Ability to choose area of specificati on of practice |
|---|---------------|----------------------------|----------------|--------------|--------------------------------------|---------------------|--|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | | 3 | | 3 | | |
| CO2 | 3 | 2 | | 3 | | 2 | | |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 2.5 | | 3 | | 2.5 | | |

3- High Correlation

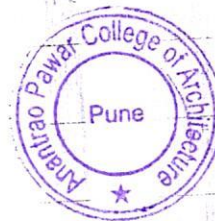
2- Medium Correlation

1-Low Correlation


Course Coordinator


Academic Coordinator


Principal





Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web : www.apcoaapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---|----------------------------------|---|
| Academic Year: 2022-23 | Year: THIRD | Semester: VI |
| Course: RESEARCH IN ARCHITECTURE - I | Course Code: 3201948 (SS) | Name of Faculty: Dr. Alamas K Mirshikari |

Course Outcomes:

CO 1. Articulate research subject through literature study, developing skill in writing and presentation skill and demonstrate through interpretation of the literature study in own words.

CO2. Evaluate the research paper through discussions, reviews and enhance the research knowledge through formulating research paper.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | | 3 | 1 | 1 | 3 | 3 |
| CO2 | 3 | 3 | 1 | 3 | 3 | 2 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 3 | 1 | 3 | 2 | 1 | 3 | 3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Alamre

Course Coordinator



[Signature]

Academic Coordinator

[Signature]

Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|-------------------------------|------------------------------|--|
| Academic Year: 2022-23 | Year: THIRD | Semester: VI |
| Course : Elective II | Course Code: 3201949 [SS] | Name of Faculty: Prof. Shailaja Bhagwat Prof. Alamas Mirshikari |

Course Outcomes:

CO 1. Subjects are assigned to students in accordance with institute expertise. Students are taught how to conduct literature studies, learn specifics about a subject, visit relevant sites, and write reports.

CO 2. Students gain a deeper understanding of the subject and formulate a conclusion on the issue under study.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 2 | 2 | 1 | 2 | 2 | 3 |
| CO2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 3 | 2.5 | 2.5 | 2 | 2.5 | 2.5 | 3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Alamas

Course Coordinator

[Signature]

Academic Coordinator



[Signature]

Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abm��pcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|--------------------------------------|----------------------------------|--------------------------------------|
| Academic Year: 2022-23 | Year: THIRD | Semester: VI |
| Course : Building Services IV | Course Code: 3201951 [SS] | Name of Faculty: Nupur Mistry |

Course Outcomes:

1. Properties of sound, strategies for reducing noise, aspects of treatments for good acoustical conditions.
2. Provisions for fire prevention, life safety and fire protection as per NBC 2016-Part 4

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | | 3 | 2 | 1 | 3 | 3 |
| CO2 | 3 | 3 | | 3 | 2 | 1 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 3 | | 3 | 2 | 1 | 3 | 3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator



Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoaapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|--------------------------------------|--------------------------------|--------------------------------------|
| Academic Year: 2022-23 | Year: THIRD | Semester: VI |
| Course : Building Services IV | Course Code: 3201950[P] | Name of Faculty: Nupur Mistry |

Course Outcomes:

1. Properties of sound, strategies for reducing noise, aspects of treatments for good acoustical conditions.
2. Provisions for fire prevention, life safety
3. Building codes and regulations for fire protection
4. knowing of fire resistant materials

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|-------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | | 3 | 2 | 1 | 3 | 3 |
| CO2 | 3 | 3 | | 2 | 2 | 1 | 3 | 2 |
| CO3 | 3 | 3 | | 3 | 2 | 1 | 2 | 3 |
| CO4 | 3 | 2 | | 3 | 2 | 1 | 2 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 2.75 | | 2.75 | 2 | 1 | 2.5 | 2.5 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator



Principal



| | | |
|------------------------------------|----------------------------------|---|
| Academic Year: 2022-23 | Year: THIRD | Semester: VI |
| Course : WORKING DRAWING II | Course Code: 3201952 [SS] | Name of Faculty: Prof.SatishRamteke, Prof. Rutuja S , Prof. SandipMhetre |

Course Outcomes:

CO 1.Understanding Design Development and Detailing: Students will understand that design development and detailing are essential steps in transforming an initial "concept design" into thorough functional drawings.

CO 2.Students will have an understanding of the importance of design development and detailing in the successful completion of architectural projects on-site.

CO 3. Working drawings are crucial tools for successful site execution, and students will understand their fundamental significance in this process.

| Course Outcomes | Know ledge | Princip les & Theory | Creati vity | Practi ce | Colla borat ive Wor king | Inclu sivit y | Tech nolo gical Kno w How | Abili ty to choose area of specificati on of practice |
|-------------------------------------|------------|----------------------|-------------|-----------|--------------------------|---------------|---------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 2.33 | 2.66 | 3 | 3 | 3 | 3 | 3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal



ABMSP's

ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

Parvati, Pune.

FOURTH YEAR

SEM - VII



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---------------------------------|----------------------------------|---|
| Academic Year: 2022-23 | Year: FOURTH | Semester: VII |
| Course: ARCHITECTURAL DESIGN VI | Course Code: 4201553 (SV) | Name of Faculty: Prof. Shailaja Bhagwat |

Course Outcomes:

CO 1. Designing multifamily high rise residential development in urban settings.

CO2. Understanding importance of inclusiveness, open spaces, site context & site surroundings in residential development.

CO3. Designing layouts as per the local applicable bye laws.

CO4. Preparing presentation drawings for clients.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-------------|---------------------|-------------|-------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 |
| CO2 | 2 | 3 | 2 | 1 | 3 | 3 | 2 | 2 |
| CO3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 3 |
| CO4 | 1 | 1 | 3 | 2 | 1 | 2 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2.25 | 2.0 | 2.75 | 1.75 | 2.5 | 2.75 | 2.5 | 2.75 |

3- High Correlation

2- Medium Correlation

1-Low Correlation



Course Coordinator

Academic Coordinator

Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|-------------------------------|-----------------------------|---|
| Academic Year: 2022-23 | Year: FOURTH | Semester: VII |
| Course : ABCS I | Course Code: 4201954 | Name of Faculty: Prof.Vishakha Paygude |

Course Outcomes:

CO 1. Understanding of Auditoriums through case study and Drawing technical drawings and details related to services

CO 2. Studying different types of Curtain walls and drafting its detailed drawings.

CO 3. Drafting details of architectural features in design projects with reference to materials used and details of construction.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | 2 |
| CO2 | 3 | 2 | 2 | 2 | 1 | | 2 | 2 |
| CO3 | 3 | 3 | 3 | 3 | | 2 | 2 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 2.3 | 2.3 | 2.3 | 1.5 | 1.5 | 2 | 2.3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No : 020-24219901 | 24213301

Web. : www.apcoaapune.org

Email : abmbspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 / 2014 Council of architecture code - MH 71, DTE code- AR6837

| | | |
|-------------------------------|-----------------------------|--|
| Academic Year: 2022-23 | Year: Fourth | Semester: VII |
| Course : Urban Studies I | Course Code: 4201955 | Name of Faculty: Prof. Subodh Dixit & Prof. Chaitali C |

Course Outcomes:

CO 1. Students are able to develop a basic understanding of Urban Planning, Urban Design & Town planning

CO 2. Principles of Urban Planning, Urban design & Town Planning

CO 3. Knowledge of Housing types, issues related to it & social aspects. Strategies to resolve the same.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 3 | 1 | 1 | 3 | 3 | 3 | 3 |
| CO2 | 1 | 3 | 1 | 2 | 2 | 3 | 3 | 2 |
| CO3 | 3 | 3 | 1 | 2 | 3 | 3 | 2 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2 | 3 | 1 | 1.6 | 2.6 | 3 | 2.6 | 2.6 |

3- High Correlation

2- Medium Correlation

1-Low Correlation


Course Coordinator


Academic Coordinator


Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No : 020-24219901 | 24213301

Web : www.apcoaapune.org

Email : abmbspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 / 2014 Council of architecture code - MH 71 DTE code- AR6837

| | | |
|-------------------------------------|-----------------------------|---|
| Academic Year: 2022-23 | Year: THIRD | Semester: VI |
| Course : Research in Architecture I | Course Code: 3201948 | Name of Faculty: Dr. Alamas Mirshikari & Dr. Archana Ladkat |

Course Outcomes:

- CO 1 The students are able to understand the importance of research and its methodology.
CO 2. Enable the students to search for primary, secondary & tertiary data of relevant topic with the help of various mediums.
CO 3. Inculcate the habit of presenting orally the desired topic of research to experts
CO 4. Choose the final topic of research through the process of literature study, discussions and various consultations of guide.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|------------|---------------------|------------|------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 3 | | | 2 | 2 | 3 | 3 |
| CO2 | 3 | 2 | 1 | 2 | 2 | 2 | 3 | 2 |
| CO3 | 2 | 1 | 2 | 3 | 2 | 1 | 2 | 2 |
| CO4 | 3 | 1 | | | 2 | 2 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2.5 | 1.75 | 1.5 | 2.5 | 2 | 1.75 | 2.75 | 2.5 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal



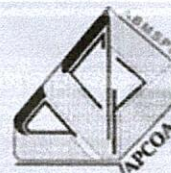
Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web : www.apcoaapune.org

Email : abmbspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---|----------------------------------|---|
| Academic Year: 2022-23 | Year: Fourth | Semester: VII |
| Course : ELECTIVE III - DESIGN & TECHNOLOGY ELECTIVE | Course Code: 5201970 [SS] | Name of Faculty: Mohan Nikam & Prof. Sunil Bhosale |

Course Outcomes:

- CO 1.** Covers both theoretical and practical aspects by linking them to the field of architecture.
- CO 2.** Inculcate within students a confidence to understand various spaces & their relations w.r.t. Design.
- CO 3.** Students can create various 2D & 3D compositions and understand the interrelation between them.
- CO 4.** Creation of space and its elements w.r.t psychology and representing them graphically.
- CO 5.** Use of various techniques and scales to enhance an existing space / object.

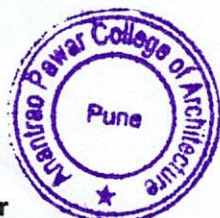
| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of |
|------------------------------|-----------|---------------------|------------|----------|-----------------------|-------------|------------------------|---------------------------|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 1 | 1 | 1 | 2 | 1 | 2 |
| CO2 | 3 | 1 | 1 | 3 | 3 | 2 | 1 | 2 |
| CO3 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 1 |
| CO4 | 3 | 1 | 2 | 1 | 1 | 1 | 3 | 1 |
| CO5 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 1 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 1.8 | 1.8 | 1.4 | 1.4 | 1.4 | 1.8 | 1.4 |

3- High Correlation

2- Medium Correlation

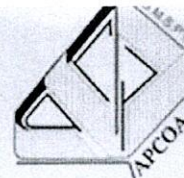
1-Low Correlation


Course Coordinator




Academic Coordinator


Principal



| | | |
|--|--------------------------------------|---|
| Academic Year: 2022-23 | Year: Fourth | Semester: VII |
| Course : QUANTITY SURVEYING & SPECIFICATION WRITING I | Course Code: 4201958 [THEORY] | Name of Faculty: Prof. Rajendra Hire |

Course Outcomes:**CO 1.**To Introduce Estimation as an important Subject for Architecture.**CO 2.**To Understand Different methods of Computing Quantities for items of work in a structure.**CO 3.**To acquaint students with methodology of writing specifications with reference to building trades, materials, workmanship & performance of different items of work.

| Course Outcomes | Know ledge | Princip les & Theory | Creati vity | Practi ce | Colla borat ive Wor king | Inclu sivit y | Tech nolo gical Kno w How | Ability to choose area of specificati on of practice |
|-------------------------------------|-------------|----------------------|-------------|-------------|--------------------------|---------------|---------------------------|--|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 2 | | 1 | 2 | 2 | 3 | 2 |
| CO2 | 3 | 2 | | 2 | 2 | 2 | 3 | 2 |
| CO3 | 3 | 2 | 1 | 2 | 2 | 2 | 3 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 2.67 | 2 | 1 | 1.67 | 2 | 2 | 3 | 2 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal





Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No : 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abm��pcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi, Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch - 452 / 2014 Council of architecture code - MH 71, DTE code- AR5837

| | | |
|--------------------------------|--------------------------------------|---|
| Academic Year: 2022-23 | Year: FOURTH | Semester: VII |
| Course : Professional Practice | Course Code: 4201959 (Theory) | Name of Faculty: Prof. Sunilkumar Bhosale |

Course Outcomes:

CO 1 Students comprehend the nature of Architecture as a profession and understands the limits and extend of the services and the various apex institutions.

CO 2. Students understand the concurrent scenario in the professional field and is able to channelize the potential towards one / many of the varied Avenues of Architecture available.

CO 3. Students are ready to intern out in the profession with adequate knowledge of administration and procedures.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|------------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 3 | | | 1 | 2 | 2 | 3 |
| CO2 | 3 | 3 | | | 2 | 2 | 2 | 3 |
| CO3 | 3 | 3 | 1 | 2 | 2 | 2 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2.6 | 3 | 1 | 2 | 1.6 | 2 | 2.3 | 3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal

ABMSP's

ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

Parvati, Pune.

FOURTH YEAR

SEM - VIII



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 / 2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|----------------------------------|----------------------------------|---|
| Academic Year: 2022-23 | Year: FOURTH | Semester: VIII |
| Course: ARCHITECTURAL DESIGN VII | Course Code: 4201960 (SV) | Name of Faculty: Prof. Shailaja Bhagwat |

Course Outcomes:

CO 1. Designing multifunctional speciality building in urban context.

CO2. Understanding end user needs and provide feasible design solution.

CO3. Study of regulation and bye laws & applicability of advance services in the built and unbuilt form.

CO4. Preparing Design Solution for complex urban forms catering the needs of users.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|------------|---------------------|-------------|-------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 1 | | 2 | 1 | | 3 | 1 |
| CO2 | 3 | 1 | 2 | 2 | 2 | | 3 | 3 |
| CO3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| CO4 | 2 | 2 | 1 | 1 | 2 | | 2 | 1 |
| AVG.PO ATTAINMENT FOR COURSE | 2.5 | 1.5 | 1.67 | 1.75 | 1.75 | 2.0 | 2.75 | 2.0 |

3- High Correlation

2- Medium Correlation

1-Low Correlation


Course Coordinator



2-1
Academic Coordinator

1


Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|-------------------------------|-----------------------------|---|
| Academic Year: 2022-23 | Year: FOURTH | Semester: VIII |
| Course : ABCS II | Course Code: 4201954 | Name of Faculty: Prof.Vishakha Paygude |

Course Outcomes:

CO 1. Understanding of Multi Basement through case study and Drawing technical drawings and details related to services.

CO 2. Observing Industrial Buildings through site visit and producing detail drawings along with Architectural Plan, Section, and Elevations.

CO 3. Studying different types of swimming pool and drafting its detailed drawings for Architecture and services.

CO 4. Sketching of long span structures in RCC and Steel with an understanding of structural behavior.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-------------|---------------------|-------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 2 | 1 | 2 | 2 | 1 | 2 | 2 |
| CO2 | 3 | 2 | 1 | 2 | 2 | | 2 | 2 |
| CO3 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | 2 |
| CO4 | 2 | 2 | 1 | 2 | 2 | | 2 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 2.75 | 2 | 1.25 | 2 | 2 | 1 | 2 | 2 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No : 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmshpcpa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch/462/2014 Council of architecture code - MH 71 DTE code- AR6837

| | | |
|---------------------------|---------------------|--|
| Academic Year: 2022-23 | Year: Fourth | Semester: VIII |
| Course : Urban Studies II | Course Code:4201962 | Name of Faculty: Prof. Sunil Bhosale & Prof. Toufik Bagwan |

Course Outcomes:

- CO 1. Students are aware of the process of Urban Design & Town Planning Legislation.
- CO 2. Students are enabled to know the theory of Urban Planning, Urban Design & Town Planning through Development plans, surveys.
- CO 3. Knowledge of Urban Economics and its effects on Urban development

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|------------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 3 | | | 3 | 3 | 3 | 2 |
| CO2 | 3 | 3 | 2 | 1 | 2 | 3 | 2 | 3 |
| CO3 | 3 | 3 | | | 2 | 3 | 2 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2.6 | 3 | 2 | 1 | 2.3 | 3 | 2.3 | 2.6 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator

Academic Coordinator

Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoaapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|-------------------------------|----------------------------------|---|
| Academic Year: 2022-23 | Year: Fourth | Semester: VIII |
| Course : ELECTIVE IV | Course Code: 4201963 [SS] | Name of Faculty: Dr. Rajendra B. Koli & Prof.Sunil Bhosale |

Course Outcomes:

CO 1. Covers both theoretical and practical aspects by linking them to the field of architecture.

CO 2. Inculcate within students a confidence to understand various spaces & their relations w.r.t. Design.

CO 3. Developing hands-on workshop / field work/ review of literature / seminar or any suitable format of learning may be adopted.

CO 4. Creation of space and its elements w.r.t psychology and representing them graphically.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 1 | 1 | 1 | 2 | 1 | 2 |
| CO2 | 3 | 1 | 3 | 3 | 3 | 2 | 1 | 2 |
| CO3 | 3 | 2 | 2 | 1 | 2 | 1 | 2 | 1 |
| CO4 | 3 | 1 | 2 | 1 | 1 | 1 | 3 | 1 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 1.75 | 2 | 1.5 | 1.75 | 1.5 | 1.75 | 1.5 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator



Academic Coordinator

Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abm��pcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014. Council of architecture code - MH 71 DTE code- AR6837

| | | |
|-------------------------------|-----------------------------|--|
| Academic Year: 2022-23 | Year: FOURTH | Semester: VIII |
| Course : <i>Elective V</i> | Course Code: 4201964 | Name of Faculty: Dr. Alamas Mirshikari & Prof. Vikram Shah |

Course Outcomes:

CO 1 Students inculcate the skills of Literature study, details about the particular topic, site visits and Report writing skills.

CO 2. Students understand subject in greater detail and come out with a conclusion of the topic under study.

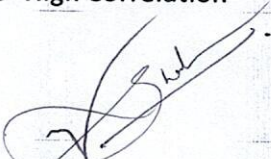
CO 3. Students understand the safety and civic sense related to the roads and their design.


| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 2 | | 2 | 2 | 2 | 3 |
| CO2 | 3 | 3 | 1 | | 2 | 2 | 2 | 3 |
| CO3 | 3 | 3 | | | 1 | 3 | 3 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 3 | 1.5 | | 1.6 | 2.3 | 2.3 | 2.6 |

3- High Correlation

2- Medium Correlation

1-Low Correlation


Course Coordinator


Academic Coordinator


Principal





| | | |
|---|--------------------------------------|-------------------------------------|
| Academic Year: 2022-23 | Year: Fourth | Semester: VIII |
| Course : QUANTITY SURVEYING & SPECIFICATION WRITING II | Course Code: 4201965 [THEORY] | Name of Faculty: Prof. ToufikBagwan |

Course Outcomes:**CO**

1.To enable students in preparation of rate analysis & indent preparation alongWith the concepts.

CO 2.To enable students in working out quantities of various items of work for an Industrial structure

CO 3.To acquaint students with methodology of writing specifications with reference to service installations of different items of work in construction.

CO 4. To enable students in different building trades & content, checklist.

| Course Outcomes | Know ledge | Princip les & Theory | Creati vity | Practi ce | Colla borat ive Wor king | Inclu sivit y | Tech nolo gical Kno w How | Ability to choose area of specificati on of practice |
|-------------------------------------|------------|----------------------|-------------|-----------|--------------------------|---------------|---------------------------|--|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | 2 | | 2 | 2 | 2 | 3 | 2 |
| CO2 | 3 | 2 | | 2 | 2 | 2 | 3 | 2 |
| CO3 | 3 | 2 | | 2 | 3 | 2 | 3 | 3 |
| CO4 | 2 | 2 | 1 | | 2 | 2 | 2 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 2.5 | 2 | 1 | 2 | 2.25 | 2 | 2.75 | 2.5 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator



Academic Coordinator

Principal



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|-------------------------------|-----------------------------|--------------------------------------|
| Academic Year: 2022-23 | Year: FOURTH | Semester: VIII |
| Course : Project Management | Course Code: 4201966 | Name of Faculty: Prof.Vaibhav Ghodke |

Course Outcomes:

CO 1. Students need to understand reality of modern-day Project environment which is getting more complex and more collaborative due to ever demanding requirements of creative and unique design concepts and importance of Project Management to manage this dynamic environment.

CO 2. Introducing to the students "Management Concepts "and the Role of an Architect as Project Manager in executing a project from conceptualization, design stage through the documentation and construction stage.

CO 3. This course will be an introduction to basics of Project Management framework and Knowledge areas giving glimpses on best practices to manage collaborative project environment and roles and responsibilities of various stakeholders of Project and how Project manager leads to successful project completion within cost and time and meets or exceeds project quality standards.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator



Academic Coordinator

Principal

ABMSP's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE
Parvati, Pune.

FIFTH YEAR

SEM - IX



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abm��pcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 452 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|-------------------------------|-----------------------------|--------------------------------------|
| Academic Year: 2022-23 | Year: FIFTH | Semester: IX |
| Course : Practical Training | Course Code: 5201570 | Name of Faculty: Prof.Vaibhav Ghodke |

Course Outcomes:

CO 1. Prepare a separate report along with a formal log book & work diary.

CO 2. Students will able to understand importance of documentation and records.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|------------|----------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | | | | 1 | 2 | 2 | | 2 |
| CO2 | 3 | 1 | 2 | 3 | 3 | 2 | 2 | 2 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 1 | 2 | 2 | 2.5 | 2 | 2 | 2 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator



Academic Coordinator

Principal

ABMSP's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE
Parvati, Pune.

FIFTH YEAR

SEM - X



Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|-------------------------------|-----------------------------|---------------------------------------|
| Academic Year: 2022-23 | Year: FIFTH | Semester: X |
| Course : Elective IV | Course Code: 5201572 | Name of Faculty: Prof.Shilpa Ingawale |

Course Outcomes:

CO 1. Understanding core knowledge of energy management through case studies.

CO 2. Current trends in Green Building Practices.

CO 3. Application of knowledge in Built Form.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|-------------|-------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 3 |
| CO2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 3 | 2.67 | 2.67 | 2.67 | 2.67 | 3 | 3 |

3- High Correlation

2- Medium Correlation

1-Low Correlation

Course Coordinator
(Prof. Shilpa Ingawale)

Academic Coordinator



Principal



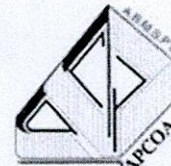
Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ARCHITECTURE

S. No : 103, Shahu College Campus, Parvati, Pune – 411009.

Office No.: 020-24219901 | 24213301

Web. : www.apcoapune.org

Email : abmspcoa@rediffmail.com



APCOA, Pune

Approved by Council of Architecture, New Delhi & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University
University Identification No. PU/PN/Arch / 462 /2014, Council of architecture code - MH 71, DTE code- AR6837

| | | |
|---------------------------------------|-----------------------------|--------------------------------------|
| Academic Year: 2022-23 | Year: FIFTH | Semester: X |
| Course : Architectural Design Project | Course Code: 5201571 | Name of Faculty: Prof.Vaibhav Ghodke |

Course Outcomes:

CO 1. Formulation of design programme

CO 2. Site investigation

CO 3. Best Suitable Design Solution with reference to site context, services and budgeting.

| Course Outcomes | Knowledge | Principles & Theory | Creativity | Practice | Collaborative Working | Inclusivity | Technological Know How | Ability to choose area of specification of practice |
|-------------------------------------|-----------|---------------------|-------------|-------------|-----------------------|-------------|------------------------|---|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 |
| CO2 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| AVG.PO ATTAINMENT FOR COURSE | 3 | 3 | 2.33 | 2.67 | 3 | 3 | 2.67 | 3 |

3- High Correlation

2- Medium Correlation

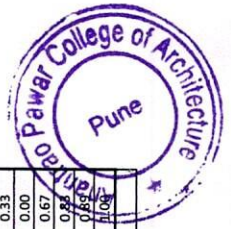
1-Low Correlation


Course Coordinator



Academic Coordinator

Principal





ANANTRAO PAVAR COLLEGE OF ARCHITECTURE

 Akhil Bharatiya Maratha Shikshan Parishad's

 S. No : 103, Shahu College Campus, Parvati, Pune - 411009.

 Office No. 020-24219901 / 242131801

 Web : www.apcpune.org Email : abm.pcpa@rediffmail.com

 Approved by Council of Architecture, New Delhi. E. Govt. of Maharashtra, Maharashtra State University

 University Identification No. PU/BN/Arch/482/2014. Council of Architecture, New Delhi. ETE Code-A8857

| SR. NO. | NAME OF SUBJECT | PO MAPPING | | | | | | | | | | PO ATTAINMENT | | | | | | | |
|---------------------|---|------------|------|------|------|------|------|------|------|------|------|---------------|------|------|------|------|------|------|------|
| | | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | | |
| FIRST YEAR | | | | | | | | | | | | | | | | | | | |
| SEMESTER I | | | | | | | | | | | | | | | | | | | |
| 1 | DESIGN I | 1 | 2.5 | 3 | 2 | 2 | 2.5 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 0.83 | 0.92 | 1.00 | 0.67 | 0.67 | 0.83 | 0.92 |
| 2 | BUILDING TECHNOLOGY AND MATERIALS I | 1 | 2.75 | 1 | 2 | 2 | 2 | 2.75 | 2.75 | 2.33 | 2.33 | 2.33 | 0.92 | 0.75 | 0.33 | 0.67 | 0.67 | 0.67 | 0.92 |
| 3 | THEORY OF STRUCTURES I [TH] | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 4 | ARCHITECTURAL GRAPHICS AND DRAWING I [SV] | 2 | 2.6 | 2.4 | 3 | 1.4 | 1.6 | 2.2 | 2.4 | 1.67 | 1.67 | 1.67 | 1.73 | 1.67 | 2.00 | 0.93 | 1.07 | 1.07 | 1.60 |
| 5 | HUMANITIES | 1 | 2.3 | 1.6 | 2 | 2.3 | 1.3 | 3 | 3 | 3 | 3 | 3 | 0.77 | 0.53 | 0.67 | 0.33 | 0.77 | 0.43 | 1.00 |
| 6 | INTRODUCTION TO ITA | 1 | 2.5 | 2.75 | 3 | 2 | 2.5 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 0.83 | 0.92 | 1.00 | 0.67 | 0.67 | 0.83 | 0.92 |
| 7 | WORKSHOP I [SS] | 2 | 2.25 | 2.66 | 2.5 | 2 | 1.5 | 1 | 2 | 2 | 2 | 2 | 1.50 | 1.50 | 1.33 | 1.33 | 1.00 | 1.00 | 1.33 |
| SEMESTER II | | | | | | | | | | | | | | | | | | | |
| 8 | DESIGN II | 1 | 2.25 | 2.5 | 2.5 | 1.75 | 2.25 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 0.75 | 0.83 | 0.83 | 0.58 | 0.75 | 0.75 | 0.92 |
| 9 | BUILDING TECHNOLOGY AND MATERIALS II [SV] | 1 | 3 | 2.25 | 2 | 1.25 | 2.25 | 2 | 2.25 | 2 | 2 | 2 | 1.00 | 0.75 | 0.67 | 0.42 | 0.75 | 0.67 | 0.75 |
| 10 | THEORY OF STRUCTURES II [TH] | 1 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 0.83 | 0.83 | 0.83 | 0.83 | 0.83 | 0.83 | 0.83 |
| 11 | ARCHITECTURAL GRAPHICS AND DRAWING II [SV] | 2 | 2 | 2.75 | 2 | 3 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 1.33 | 1.83 | 1.33 | 2.00 | 1.50 | 1.17 | 1.50 |
| 12 | HISTORY OF ARCHITECTURE | 2 | 2.3 | 1.3 | 2.5 | 1 | 1.3 | 3 | 3 | 3 | 3 | 3 | 1.53 | 0.87 | 1.67 | 2.00 | 0.87 | 2.00 | 2.00 |
| 13 | CLIMATOLOGY | 1 | 2.25 | 3 | 1 | 1.6 | 2 | 2.3 | 2.5 | 2.75 | 2.75 | 2.75 | 1.00 | 0.33 | 0.53 | 0.67 | 0.67 | 0.77 | 0.83 |
| 14 | WORKSHOP II [SS] | 2 | 1.75 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 1.17 | 1.33 | 2.00 | 1.33 | 0.00 | 2.00 | 1.33 |
| SECOND YEAR | | | | | | | | | | | | | | | | | | | |
| SEMESTER III | | | | | | | | | | | | | | | | | | | |
| 15 | DESIGN III | 1 | 3 | 2.5 | 1.5 | 2.75 | 3 | 2.75 | 3 | 3 | 3 | 3 | 1.00 | 0.83 | 0.50 | 0.92 | 1.00 | 1.00 | 0.92 |
| 16 | BUILDING TECHNOLOGY AND MATERIALS II | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 17 | THEORY OF STRUCTURES III [TH] | 1 | 3 | 2.25 | 1.5 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 1.00 | 0.75 | 0.00 | 0.50 | 0.00 | 0.75 | 0.00 |
| 18 | ADG III | 2 | 2.75 | 3 | 1.25 | 3 | 2.75 | 2 | 2.5 | 2.25 | 2.25 | 2.25 | 1.83 | 2.00 | 0.83 | 2.00 | 1.83 | 1.33 | 1.50 |
| 19 | HISTORY OF ARCHITECTURE II | 1 | 2 | 1.3 | 3 | 1 | 1.6 | 1.3 | 2.3 | 2.3 | 2.3 | 2.3 | 0.67 | 0.43 | 1.00 | 0.77 | 0.53 | 0.43 | 0.77 |
| 20 | Building Services I [TH] | 2 | 2.33 | 2.66 | 2 | 2.66 | 2 | 3 | 2.66 | 1.55 | 3 | 2.66 | 1.55 | 1.77 | 1.33 | 1.33 | 1.33 | 2.00 | 1.77 |
| 21 | SURVEYING LEVELING | 2 | 2.33 | 2.66 | 2 | 2.66 | 2 | 2.33 | 2.66 | 2 | 2 | 2 | 1.55 | 1.77 | 0.00 | 1.77 | 1.33 | 1.33 | 1.55 |
| SEMESTER IV | | | | | | | | | | | | | | | | | | | |
| 22 | DESIGN IV | 1 | 3 | 2.5 | 1.5 | 2.75 | 3 | 2.75 | 3 | 3 | 3 | 3 | 1.00 | 0.83 | 0.50 | 0.92 | 1.00 | 1.00 | 0.92 |
| 23 | BUILDING CONSTRUCTION AND MATERIALS IV | 1 | 3 | 3 | 3 | 2.6 | 3 | 3 | 3 | 3 | 3 | 3 | 1.00 | 1.00 | 1.00 | 0.87 | 1.00 | 1.00 | 1.00 |
| 24 | THEORY OF STRUCTURES IV | 1 | 3 | 2.5 | 3 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 1.00 | 0.83 | 0.00 | 1.00 | 0.00 | 0.83 | 0.00 |
| 25 | HISTORY OF ARCHITECTURE AND CULTURE IV [SS] | 1 | 2 | 2.33 | 3 | 1.66 | 2 | 1.66 | 2 | 1.66 | 2 | 1.66 | 0.67 | 0.78 | 1.00 | 0.55 | 0.67 | 0.67 | 0.55 |
| 26 | Building Services II | 1 | 2.66 | 3 | 3 | 2.33 | 2.33 | 3 | 3 | 2.33 | 2.33 | 3 | 0.89 | 1.00 | 0.00 | 1.00 | 0.78 | 0.78 | 1.00 |
| 27 | TECHNICAL COMMUNICATION I | 2 | 2.25 | 2 | 2.5 | 2 | 2.25 | 2 | 2 | 2.25 | 1.33 | 1.33 | 1.50 | 1.33 | 1.50 | 1.33 | 1.50 | 0.67 | 0.00 |
| 28 | WORKING DRAWING I [SS] | 1 | 3 | 2.33 | 2.66 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1.00 | 0.78 | 0.89 | 1.00 | 1.00 | 1.00 | 1.00 |
| THIRD YEAR | | | | | | | | | | | | | | | | | | | |
| SEMESTER V | | | | | | | | | | | | | | | | | | | |
| 29 | ARCHITECTURAL DESIGN V | 2 | 3 | 3 | 1.66 | 2.66 | 3 | 2.66 | 3 | 3 | 3 | 3 | 2.00 | 2.00 | 1.11 | 1.77 | 2.00 | 2.00 | 1.77 |
| 30 | BUILDING CONSTRUCTION AND MATERIALS V | 1 | 2.75 | 2.25 | 1 | 3 | 2 | 3 | 2.33 | 2.33 | 2.33 | 2.33 | 0.92 | 0.75 | 0.33 | 1.00 | 0.67 | 0.67 | 1.00 |
| 31 | THEORY OF STRUCTURES V [TH] | 2 | 3 | 2.33 | 3 | 3 | 2.33 | 3 | 2.33 | 2.33 | 2.33 | 2.33 | 2.00 | 1.55 | 0.00 | 2.00 | 0.00 | 1.55 | 0.00 |
| 32 | HISTORY OF ARCHITECTURE III | 2 | 3 | 2.66 | 2.3 | 2.3 | 1.66 | 2.5 | 2.66 | 2.66 | 2.66 | 2.66 | 2.00 | 1.77 | 1.53 | 1.53 | 1.11 | 1.67 | 1.77 |
| 33 | Building Services III [SS] | 1 | 2.5 | 2 | 3 | 2.3 | 1 | 3 | 2.5 | 2.5 | 2.5 | 2.5 | 0.83 | 0.67 | 0.00 | 1.00 | 0.33 | 0.67 | 1.00 |
| 34 | WORKING DRAWING II [SS] | 2 | 3 | 2.33 | 2.66 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2.00 | 1.55 | 1.77 | 2.00 | 2.00 | 2.00 | 2.00 |
| 35 | LANDSCAPE ARCHITECTURE [SS] | 2 | 2.2 | 2 | 3 | 1.4 | 1.8 | 1.4 | 2.2 | 2 | 2 | 2 | 1.47 | 1.33 | 2.00 | 0.93 | 1.20 | 0.93 | 1.47 |
| SEMESTER VI | | | | | | | | | | | | | | | | | | | |
| 36 | DESIGN VI | 1 | 3 | 3 | 1.66 | 2.66 | 3 | 2.66 | 3 | 3 | 3 | 3 | 1.00 | 1.00 | 0.55 | 0.89 | 1.00 | 1.00 | 0.89 |
| 37 | BUILDING TECHNOLOGY AND MATERIALS VI | 1 | 2.4 | 2.2 | 1.3 | 2 | 2 | 1.75 | 2 | 2 | 2 | 2 | 0.80 | 0.73 | 0.43 | 0.67 | 0.67 | 0.67 | 0.58 |
| 38 | THEORY OF STRUCTURES VI | 1 | 3 | 2.5 | 3 | 3 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 1.00 | 0.83 | 0.00 | 1.00 | 0.00 | 0.83 | 0.00 |
| 39 | LANDSCAPE ARCHITECTURE II | 1 | 2.2 | 2 | 3 | 1.4 | 1.8 | 1.4 | 2.2 | 2 | 2 | 2 | 0.73 | 0.67 | 1.00 | 0.47 | 0.67 | 0.47 | 0.73 |
| 40 | Building Services IV [TH] | 1 | 3 | 2.75 | 2 | 2.75 | 2 | 2.75 | 2 | 2.75 | 2.75 | 2.75 | 1.00 | 0.92 | 0.00 | 0.92 | 0.67 | 0.67 | 0.67 |
| 41 | CAS | 1 | 3 | 2.66 | 2.3 | 2.3 | 1.66 | 2.5 | 2.66 | 2.66 | 2.66 | 2.66 | 1.00 | 0.89 | 0.77 | 0.77 | 0.55 | 0.83 | 0.89 |
| 42 | ELECTIVE I | 1 | 3 | 3 | 2.5 | 2.5 | 2 | 2.5 | 2.5 | 2 | 2 | 2 | 1.00 | 1.00 | 0.83 | 0.83 | 0.67 | 0.83 | 0.83 |

| FOURTH YEAR | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| SEMESTER VII | | | | | | | | | | | | | | | | | | | | | | | | |
| Sl. No. | Course Name | 1 | 2 | 2.25 | 2.75 | 1.75 | 2.5 | 2.75 | 2.5 | 2.75 | 2.5 | 2.75 | 2.5 | 2.75 | 0.67 | 0.92 | 0.58 | 0.83 | 0.92 | 0.83 | 0.92 | 0.83 | 0.92 | |
| 43 | DESIGN VII | 1 | 2.25 | 2 | 2.75 | 1.75 | 2.5 | 2.75 | 2.5 | 2.75 | 2.5 | 2.75 | 2.5 | 2.75 | 0.75 | 0.67 | 0.92 | 0.58 | 0.83 | 0.92 | 0.83 | 0.92 | 0.83 | 0.92 |
| 44 | ADVANCED BUILDING TECHNOLOGY AND SERVICES I | 1 | 3 | 2.3 | 2.3 | 2.3 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.00 | 0.77 | 0.77 | 0.77 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.77 |
| 45 | URBAN STUDIES I | 1 | 2 | 3 | 3 | 1 | 1.6 | 2.6 | 3 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 1.00 | 0.67 | 0.33 | 0.53 | 0.87 | 1.00 | 0.87 | 1.00 | 0.87 | 0.87 |
| 46 | RESEARCH IN ARCHITECTURE I | 1 | 3 | 3 | 3 | 3 | 2 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 1.00 | 1.00 | 0.33 | 1.00 | 0.67 | 0.33 | 1.00 | 1.00 | 1.00 | 1.00 |
| 47 | ELECTIVE II | 1 | 3 | 1.8 | 1.8 | 1.4 | 1.4 | 1.4 | 1.4 | 1.8 | 1.4 | 1.4 | 1.4 | 1.4 | 1.00 | 0.60 | 0.60 | 0.47 | 0.47 | 0.47 | 0.60 | 0.60 | 0.47 | 0.47 |
| 48 | QS & E-I | 1 | 2.67 | 2 | 1 | 1.67 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 0.89 | 0.67 | 0.33 | 0.56 | 0.67 | 0.67 | 1.00 | 1.00 | 0.67 | 0.67 |
| 49 | SW-I | 1 | 2.67 | 2 | 1 | 1.67 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 0.89 | 0.67 | 0.33 | 0.56 | 0.67 | 0.67 | 1.00 | 1.00 | 0.67 | 0.67 |
| 50 | PROFESSIONAL PRACTICE I | 1 | 2.6 | 3 | 1 | 2 | 1.6 | 2 | 2 | 2.3 | 2 | 2.3 | 2 | 2.3 | 0.87 | 1.00 | 0.33 | 0.67 | 0.53 | 0.67 | 0.77 | 0.77 | 1.00 | 1.00 |
| SEMESTER VIII | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | DESIGN VIII(SV) | 1 | 2.5 | 1.5 | 1.67 | 1.75 | 2 | 2 | 2 | 2.75 | 2 | 2.75 | 2 | 2 | 0.83 | 0.50 | 0.56 | 0.58 | 0.58 | 0.67 | 0.92 | 0.92 | 0.67 | 0.67 |
| 52 | ADVANCED BUILDING CONSTRUCTION AND SERVICES II | 1 | 2.75 | 2 | 1.25 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 0.92 | 0.67 | 0.42 | 0.67 | 0.67 | 0.33 | 0.67 | 0.67 | 0.67 | 0.67 |
| 53 | PROFESSIONAL PRACTICE II | 1 | 2.6 | 3 | 1 | 2 | 1.6 | 2 | 2 | 2.3 | 3 | 2.3 | 3 | 2.3 | 0.87 | 1.00 | 0.33 | 0.67 | 0.53 | 0.67 | 0.77 | 1.00 | 1.00 | 1.00 |
| 54 | URBAN STUDIES II | 1 | 2.6 | 3 | 2 | 1 | 2.3 | 3 | 3 | 2.3 | 2.6 | 2.6 | 2.6 | 2.6 | 1.00 | 1.00 | 0.67 | 0.33 | 0.77 | 1.00 | 0.77 | 1.00 | 0.87 | 0.87 |
| 55 | ELECTIVE III | 1 | 3 | 1.75 | 2 | 1.5 | 1.75 | 1.5 | 1.5 | 1.75 | 1.5 | 1.5 | 1.5 | 1.5 | 1.00 | 0.58 | 0.67 | 0.50 | 0.58 | 0.50 | 0.58 | 0.50 | 0.58 | 0.50 |
| 56 | QS & E-II | 1 | 2.5 | 2 | 1 | 2 | 2.25 | 2 | 2 | 2.75 | 2 | 2.75 | 2 | 2.75 | 0.83 | 0.67 | 0.33 | 0.67 | 0.75 | 0.67 | 0.92 | 0.92 | 0.83 | 0.83 |
| 57 | SW-II | 1 | 2.5 | 2 | 1 | 2 | 2.25 | 2 | 2 | 2.75 | 2 | 2.75 | 2 | 2.75 | 0.83 | 0.67 | 0.33 | 0.67 | 0.75 | 0.67 | 0.92 | 0.92 | 0.83 | 0.83 |
| 58 | RESEARCH IN ARCHITECTURE II | 1 | 3 | 2.33 | 2.5 | 2 | 1.33 | 1.33 | 2 | 3 | 2.66 | 1.00 | 1.00 | 1.00 | 0.78 | 0.83 | 0.83 | 0.67 | 0.44 | 0.44 | 1.00 | 1.00 | 0.89 | 0.89 |
| FIFTH YEAR | | | | | | | | | | | | | | | | | | | | | | | | |
| SEMESTER IX | | | | | | | | | | | | | | | | | | | | | | | | |
| 59 | Practical Training | 2 | 3 | 1 | 2 | 2 | 2.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2.00 | 0.67 | 1.33 | 1.33 | 1.67 | 1.33 | 1.33 | 1.33 | 1.33 | 1.33 |
| SEMESTER X | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | Elective IV | 2 | 3 | 3 | 2.67 | 2.67 | 2.67 | 2.67 | 3 | 3 | 3 | 3 | 3 | 3 | 2.00 | 2.00 | 1.78 | 1.78 | 1.78 | 1.78 | 1.78 | 2.00 | 2.00 | 2.00 |
| 61 | Architectural Design Project | 1 | 3 | 3 | 2.33 | 2.67 | 3 | 3 | 2.67 | 3 | 2.67 | 3 | 2.67 | 3 | 1.00 | 1.00 | 0.78 | 0.89 | 1.00 | 1.00 | 0.89 | 1.00 | 1.00 | 1.00 |
| Sum of all PO | | | 161.96 | 147.20 | 100.96 | 135.88 | 119.30 | 128.16 | 137.75 | 135.64 | 67.57 | 61.68 | 43.80 | 58.49 | 51.19 | 52.74 | 57.52 | 57.28 | 57.28 | 57.28 | 57.28 | 57.28 | 57.28 | 57.28 |
| Total Program Attainment Through Direct Assessment | | | 2.66 | 2.41 | 1.66 | 2.23 | 1.96 | 2.10 | 2.26 | 2.22 | 1.11 | 1.01 | 0.72 | 0.96 | 0.84 | 0.86 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |



Signature

Principal
Anant Rao Pawar College of
Architecture, Pawani, Pune-9