

Mahatma Education Society's
PILLAI COLLEGE OF ARCHITECTURE

Dr. K.M. Vasudevan Pillai Campus, Sector 16, New Panvel, Mah. India 410 206.

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WEB SITE : www.pica.ac.in Email:pica@mes.ac.in, pica.panvel@gmail.com



1.1.1 Curricular Planning and Implementation

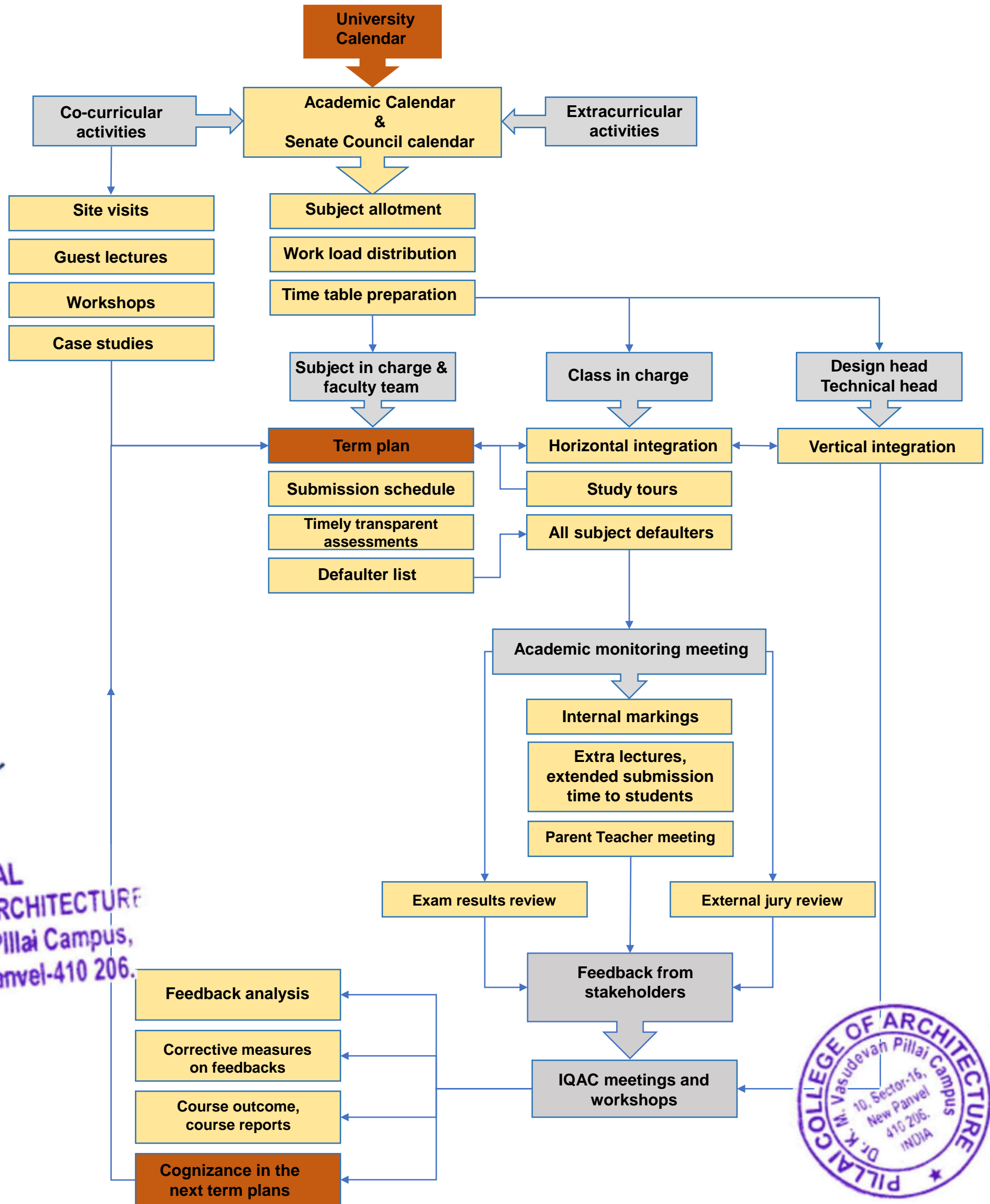
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PRINCIPAL
PILLAI COLLEGE OF ARCHITECTURE
Dr. K. M. Vasudevan Pillai Campus,
10, Sector-16, New Panvel-410 206.



Pillai college of Architecture, New Panvel



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PRINCIPAL

PILLAI COLLEGE OF ARCHITECTURE
 Dr. K. M. Vasudevan Pillai Campus,
 10, Sector-16, New Panvel-410 206.



University of Mumbai



No. AAMS_UGS/ICC/2023-24/24

CIRCULAR:-

The Directors/Heads of the University Departments, the Principal of the affiliated colleges, Head of the recognized Institutions concerned, the Principals of the Sir J.J. College, of Architecture and the Director/Co-ordinators of Ratnagiri Sub-Centre & Thane Sub-Centre, Bharatratna Dr. Babasaheb Ambedkar, Ambadve, (Model College), Smt. Vijayalakshmi Dalvi (Model College) and the Captain Superintendent, Ministry of Surface Transport, Training Ship "Chanakya" Government of India, Mumbai - 400 001, are hereby informed that the arrangement of terms in the various faculties of the University for the academic year 2023-2024 has been accepted by the Academic Council at its meeting held on 07th June, 2023 **vide** item No. 9.1 and subsequently approved by the Management Council at its meeting held on 17th June, 2023 **vide** item No. 5 and that in accordance therewith, the arrangement of terms for the courses of studies in the various faculties for the academic year 2023-2024 is under :-

Faculty of Humanities (Arts): - Including all **Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree courses** under the Arts (excluding all Management Studies Courses and B.Ed. degree courses).

First Term - 13th June, 2023 to 11th November, 2023
Second Term - 28th November, 2023 to 01st May 2024 } Both days inclusive

- 1) Mid Term Break from 19th September, 2023 to 23rd September, 2023 (both days inclusive) Ganpati Vacation.
- 2) Diwali Vacation from 13th November, 2023 to 27th November, 2023 (both days inclusive).
- 3) Winter Break from 25th December, 2023 to 31st December, 2023 (both days inclusive).
- 4) Summer Vacation from 02nd May, 2024 to 11th June, 2024 (both days inclusive).

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Faculty of Science & Technology (Science) - Including all **Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree courses** under the Faculty of Science.

First Term - 13th June, 2023 to 11th November, 2023 } Both days
Second Term - 28th November, 2023 to 01st May, 2024 } inclusive

- 1) Mid Term Break from 19th September, 2023 to 23rd September, 2023 (both days inclusive) Ganpati Vacation.
- 2) Diwali Vacation from 13th November, 2023 to 27th November, 2023 (both days inclusive).
- 3) Winter Break from 25th December, 2023 to 31st December, 2023 (both days inclusive).
- 4) Summer Vacation from 02nd May, 2024 to 11th June, 2024 (both days inclusive).

Faculty of Science & Technology (Engineering): - Including **SE, TE & BE all Engineering (Full time) all Programs/Branches, ME (Second Year) all Programs/Branches, MCA (Second Year).**

First Year Engineering Commencement Date as per CET Cell.

SE (Engineering) And ME (Second Year) (full time) all Programs/Branches.

First Term - 17th July, 2023 to 20th December, 2023 } Both days
Second Term - 08th January, 2024 to 07th June, 2024 } inclusive

TE & BE all Engineering (full time) all Programs/Branches.

First Term - 10th July 2023, to 20th December, 2023 } Both days
Second Term - 08th January, 2024 to 07th June, 2024 } inclusive

- 1) Mid Term Break from 19th September, 2023 to 23rd September, 2023 (both days inclusive) Ganpati Vacation.
- 2) Winter and Summer Vacation shall be given as per the UGC/University of Mumbai norms

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MCA - Second year

First Term - 24th July, 2023 to 30th December, 2023 } Both days
Second Term - 08th January, 2024 to 07th June, 2024 } inclusive

- 1) Mid Term Break from 19th September, 2023 to 23rd September, 2023
(both days inclusive) Ganpati Vacation.
- 2) Winter and Summer Vacation shall be given as per the UGC/University of
Mumbai norms

Faculty of Science & Technology (Pharmacy):- Including all B. Pharm Degree Course:-

First Term - 06th July, 2023 to 14th December, 2023 } Both days
Second Term - 15th December, 2023 to 25th May, 2024 } inclusive

- 1) Mid Term Break from 19th September, 2023 to 23rd September, 2023
(both days inclusive) Ganpati Vacation.
- 2) Diwali Vacation from 11th November, 2023 to 27th November, 2023
(both days inclusive).
- 3) Winter Break from 23th December, 2023 to 01st January, 2024
(both days inclusive).
- 4) Summer Vacation from 26th May, 2024 to 30th June, 2024
(both days inclusive).

Including all M.Pharm Degree Course:-

First Term - 01st August, 2023 to 31st December, 2023 } Both days
Second Term - 01st January, 2024 to 30th June, 2024 } inclusive

There is no vacation for M. Pharm Course.

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Faculty of Science & Technology (Architecture): - Including all Certificate, Diploma, Post-graduate Diploma, 2nd Year to 5th year B.Arch Degree and 2nd year of M.Arch Master Degree courses in Architecture under the Faculty of Science:-

First Term - 05th June, 2023 to 20th October, 2023
Second Term - 20th November, 2023 to 30th April, 2024 } Both day inclusive

- 1) Mid Term Break from 19th September, 2023 to 23rd September, 2023 (both days inclusive) Ganpati Vacation.
- 2) Diwali Vacation from 21st October, 2023 to 19th November, 2023 (both days inclusive).
- 3) Winter Break from 23th December, 2023 to 01st January, 2024 (both days inclusive).
- 4) Summer Vacation from 01st May, 2024 to 02nd June, 2024 (both days inclusive).

Note: The commencement of the First Year B. Arch. (Sem I, Second Half 2023) shall depend on the completion of the examination process.

Faculty of Commerce & Management Studies (Commerce) - Including all Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree courses under the Commerce Stream.

First Term - 13th June, 2023 to 11th November, 2023
Second Term - 28th November, 2023 to 01th May, 2024 } Both days inclusive

- 1) Mid Term Break from 19th September, 2023 to 23rd September, 2023 (both days inclusive) Ganpati Vacation.
- 2) Diwali Vacation from 13th November, 2023 to 27th November, 2023 (both days inclusive).
- 3) Winter Break from 25th December, 2023 to 31st December, 2023 (both days inclusive).
- 4) Summer Vacation from 02nd May, 2024 to 11th June, 2024 (both days inclusive).

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Faculty of Commerce & Management Studies (Management): - Including all **Management Studies** (Excluding First Year of the MMS, Three years Part -time MMS (MM), Three years Part -time MMS (FM), Three years Part -time MMS (HRDM), Three years Part -time MMS (IM), Three years Part -time MMS (FSM) [Pl. refer Cir.No.UG/177 of 2019-20, dated 10th Dec, 2019].

MMS: First Year - 2nd Sem (A.Y.2022-23) 17th April, 2023 to 16th October, 2023.

MMS: Second Year - 3rd Sem (A.Y. 2023-24) 17th October, 2023 to 15th February, 2024.

MMS: Second Year - 4th Sem (A.Y. 2023-24) 16th February, 2024 to 15th June, 2024.

Note:- 1st Year MMS: as per the schedule of CET Cell, DTE.

All Management programs other than 1st year MMS Three years Part -time MMS (MM), Three years Part -time MMS (FM), Three years Part -time MMS (HRDM), Three years Part -time MMS (IM), Three years Part -time MMS (FSM) [Pl. refer Cir.No.UG/177 of 2019-20, dated 10th Dec, 2019].

First Term - 01st July, 2023 to 05th December, 2023 } Both days
Second Term - 02nd January, 2024 to 30th April, 2024 } inclusive

Mid Term Break from 19th September, 2023 to 23rd September, 2023
(both days inclusive)

Semester End Break - 06th December, 2023 to 01st January, 2024
(both days inclusive)

Faculty of Interdisciplinary Studies (Education):-

Including all **Certificate, Diploma, Post-graduate Diploma, B.Ed Degree and Master Degree courses in Education and Special Education:-**

First Term - 23rd June, 2023 to 24th December, 2023 } Both days
Second Term - 02nd January, 2024 to 22nd May, 2024 } inclusive

- 1) Mid Term Break from 19th September, 2023 to 23rd September, 2023
(both days inclusive) Ganpati Vacation.
- 2) Diwali Vacation from 10th November, 2023 to 27th November, 2023
(both days inclusive).
- 3) Winter Break from 26th December, 2023 to 01st January, 2024
(both days inclusive).
- 4) Summer Vacation from 23rd May, 2024 to 22nd June, 2024
(both days inclusive).

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Faculty of Interdisciplinary Studies (Law):-

Including all **Certificate, Diploma, and Post-graduate Diploma, Degree, and Master's degree courses:-**

First Term - 01st July, 2023 to 23rd December, 2023
Second Term - 01st January, 2024 to 18th May, 2024 } Both days inclusive

- 1) Mid Term Break from 19th September, 2023 to 23rd September, 2023 (both days inclusive) Ganpati Vacation.
- 2) Diwali Vacation from 11th November, 2023 to 26th November, 2023 (both days inclusive).
- 3) Winter Break from 24th December, 2023 to 31st December, 2023 (both days inclusive).
- 4) Summer Vacation from 19th May, 2024 to 30th June, 2024 (both days inclusive).

Faculty of Interdisciplinary Studies (Law):-

The arrangement of terms for **BMS-LLB (Five Years Integrated Course) (BBA-LLB) (Hons) (Five Years Integrated Course):-**

First Term - 01st July, 2023 to 23rd December, 2023
Second Term - 01st January, 2024 to 18th May, 2024 } Both days inclusive

- 1) Mid Term Break from 19th September, 2023 to 23rd September, 2023 (both days inclusive) Ganpati Vacation.
- 2) Diwali Vacation from 11th November, 2023 to 26th November, 2023 (both days inclusive).
- 3) Winter Break from 24th December, 2023 to 31st December, 2023 (both days inclusive).
- 4) Summer Vacation from 19th May, 2024 to 30th June, 2024 (both days inclusive).

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Faculty of Interdisciplinary Studies (Fine Art) : - Including all **Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree Courses (Music/Dance/Fine Art (By Paper & By Research) (All branches):-**

First Term - 13th June, 2023 to 11th November, 2023
Second Term - 28th November, 2023 to 01st May, 2024 } Both days inclusive

- 1) Mid Term Break from 19th September, 2023 to 23rd September, 2023 (both days inclusive) Ganpati Vacation.
- 2) Diwali Vacation from 13th November, 2023 to 27th November, 2023 (both days inclusive).
- 3) Winter Break from 25th December, 2023 to 31st December, 2023 (both days inclusive).
- 4) Summer Vacation from 02nd May, 2024 to 11th June, 2024 (both days inclusive).

Faculty of Interdisciplinary Studies (Fine Art):- Including (Music Department, Lok Kala Academy, Academy of Theatre Arts & Nalanda Nritya Kala Mahavidyalaya under the Fine Art stream.

First Term - 13th June, 2023 to 11th November, 2023
Second Term - 28th November, 2023 to 01st May, 2024 } Both days inclusive

- 1) Mid Term Break from 19th September, 2023 to 23rd September, 2023 (both days inclusive) Ganpati Vacation.
- 2) Diwali Vacation from 13th November, 2023 to 27th November, 2023 (both days inclusive).
- 3) Winter Break from 25th December, 2023 to 31st December, 2023 (both days inclusive).
- 4) Summer Vacation from 02nd May, 2024 to 11th June, 2024 (both days inclusive).

The said circular is available on the University website (www.mu.ac.in).

MUMBAI - 400 032
27th June, 2023


(Prof. Sunil Bhirud)
I/c. REGISTRAR

8/-





To,

The Directors/Heads of the University Departments, the Principal of the affiliated colleges, Head of the recognized Institutions concerned, the Principals of the Sir J.J. College of Architecture and the Director/Co-ordinators of Ratnagiri Sub-Centre & Thane Sub-Centre, Bharatratna Dr. Babasaheb Ambedkar, Ambadve, (Model College), Smt. Vijayalakshmi Dalvi (Model College) and the Captain Superintendent, Ministry of Surface Transport, Training Ship "Chanakya" Government of India, Mumbai - 400 001.

A.C/9.1/07/06/2023.

M.C/5/17/06/2023.

Copy forwarded with Compliments for information to:-

- 1) The Dean, of all faculties and Chairman/Chairpersons of the various Board of Studies and **Ad-hoc** Board of Studies,
- 2) The Director, Board of Examinations and Evaluation,
- 3) The Director, Board of Students Development,
- 4) The Director, Department of Information & Communication Technology,
- 5) The Co-ordinator, MKCL.

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Copy for information and necessary action :-

1. The Deputy Registrar, College Affiliations & Development Department (CAD),
2. College Teachers Approval Unit (CTA),
3. The Deputy Registrar, (Admissions, Enrolment, Eligibility and Migration Department (AEM),
4. The Deputy Registrar, Academic Appointments & Quality Assurance (AAQA)
5. The Deputy Registrar, Research Administration & Promotion Cell (RAPC),
6. The Deputy Registrar, Executive Authorities Section (EA)
He is requested to treat this as action taken report on the concerned resolution adopted by the Academic Council referred to the above circular.
7. The Deputy Registrar, PRO, Fort, (Publication Section),
8. The Deputy Registrar, Special Cell,
9. The Deputy Registrar, Fort Administration Department (FAD) Record Section,
10. The Deputy Registrar, Vidyanagari Administration Department (VAD),

Copy for information :-

1. The Director, Dept. of Information and Communication Technology (DICT), Vidyanagari,
He is requested to upload the Circular University Website
2. The Director of Department of Student Development (DSD),
3. The Director, Institute of Distance and Open Learning (IDOL Admin), Vidyanagari,
4. All Deputy Registrar, Examination House,
5. The Deputy Registrars, Finance & Accounts Section,
6. The Assistant Registrar, Administrative sub-Campus Thane,
7. The Assistant Registrar, School of Engg. & Applied Sciences, Kalyan,
8. The Assistant Registrar, Ratnagiri sub-centre, Ratnagiri,
9. P.A to Hon'ble Vice-Chancellor,
10. P.A to Pro-Vice-Chancellor,
11. P.A to Registrar,
12. P.A to All Deans of all Faculties,
13. P.A to Finance & Account Officers, (F & A.O),
14. P.A to Director, Board of Examinations and Evaluation,
15. P.A to Director, Innovation, Incubation and Linkages,
16. P.A to Director, Department of Lifelong Learning and Extension (DLLE),
17. The Receptionist,
18. The Telephone Operator,

Copy with compliments for information to :-

19. The Secretary, MUASA
20. The Secretary, BUCTU.

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AC 6/6/2012
Item No. 4.78

UNIVERSITY OF MUMBAI



Syllabus for the Bachelor of Architecture

Programme : B.Arch.

Course : Bachelor of Architecture
(Semester I & II)

(As per Credit Based Semester and Grading System with
effect from the academic year 2012–2013)

M...



Introduction

1. Notes for the creation of a new syllabus in architecture (Bachelor of Architecture, University of Mumbai)

"It is time that (we) remembered that schools were set up to challenge the wisdom of the world and its corruption, rather than to reinforce it."

Daniel Liebeskind

Architectural Education in India has been weighed down by the traditions of Architectural Practice that labor under the twin hegemonies of design and technology. In the past architectural curricula have developed as reactions to historical change, to immediately preceding narratives. We must appreciate that architecture today is more and more being informed by disciplines out of/other than architecture.

There is a need for redefining the Student of Architecture today. A student of architecture is not only a learner, but also a producer of knowledge. The student's tools include a critical, evaluative, conceptual mind, the ability to interconnect concepts/ facts, to use theory and argument and seek a higher level of explanation in the process of learning and its application to design. The student's initial challenges shall be to differentiate between objective and accepted reality, to appreciate architecture as a cultural process, and to perceive change as a series of discontinuities, more than cause/effect transitions. Only then can the student become relevant in today's world, rather than mindlessly repeat the dogma of the past.

In the creation of a new syllabus for the Bachelor of Architecture Course, certain adjustments to older mindsets must be made:

1. Architecture has to be appreciated as a 2nd Order Discipline. It is a Meta discipline, a critical attitude, not merely an empirical discipline like engineering that needs/seeks/works with data.
2. Architecture deals with fundamental issues of users, cities and societies, and not only materials, processes and aesthetics. It questions the presupposed, and seeks new and contemporary meanings.

Before a new syllabus is made, the makers (teachers) must recognize their own possible insidiousness in the curriculum making process, and objectively go beyond their own accepted knowledge beliefs and realities. Real learning will not emerge merely out of the didactic (which itself emerges out of biases, prejudices and ad-hoc choices). Peter Eisenmann has said: *"The only way to advance in a discipline is to displace knowledge, and the only discourses that remain healthy are those that are displacing discourses. The ones that cling to their theory and their tradition and their rationality, die."*



The following objectives for a new syllabus for architectural education are proposed:

1. The new syllabus should prepare a student to understand and locate himself/herself in the real world.
2. The new syllabus should appreciate and reconcile itself to the imperfect times that we live in.
3. The new syllabus should reflect, through application, upon the technological state-of-the-art of the world today and its relevance.
4. The new syllabus should give a direction or hope for the future.

In order to fulfill these objectives, the following questions may be asked first:

1. What is a work of architecture?
2. How is architecture different from nature?
3. How useful are our tools (curriculum) for evaluating these two questions (meta-questioning)?

Since the latter half of 2011, the Ad-hoc Board of Studies in Architecture (University of Mumbai) has called together the principals and senior faculty of all the colleges of architecture under the university for a series of deliberations on the nature of the new syllabus. Right from the very outset there has been an agreement that the syllabus should reflect the following objectives:

- Architecture is 'discipline'/ meta-discipline, not merely an empirical process
- Critical thinking/ criticality is important. The student must be given the tools to critically evaluate the world he/she lives in
- The student needs to be redefined as more than a learner, but a producer of knowledge
- In the spreading world of information technology and easily available knowledge, the teacher needs to be redefined as more than a giver of information, but one who can show the student how design is a critical process
- The architecture syllabus needs to be flexible. Individual colleges should be given the means to interpret and expand on the syllabus in their own way
- Diversity must be appreciated and encouraged. Learning can be simultaneous and non-linear
- A student needs to inculcate the ability to question, ability to redefine technology, ability to question the relevance of technology
- Being informed by disciplines out of/other than architecture, Non technology subjects, particularly those from the liberal arts and the humanities may come into foreground
- Emphasis should be on theory also, not only on practice (empiricism)
- Encourage research and give direction to research



In addition to these agreed objectives, the following external requirements are also acknowledged. The first is the adoption of the Credit system for evaluation and grading, that the University of Mumbai has adopted for all future syllabi. This entails converting the current Annual pattern Syllabus to a Semester Pattern. Secondly, acknowledging the requirements given by the Council of Architecture, New Delhi; the course shall now be divided into two distinct stages- a Basic Course and Advanced Course. The Council has also encouraged individual colleges to be given both time and credits to develop their additional syllabi components so that diversity in directions for architectural education and practice shall be encouraged. As such 25% of the timetable shall be dedicated to projects, electives or coursework offered by the colleges themselves based on their philosophy and institutional objectives.

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Explanatory notes on New Aspects in the Syllabus

Sessional work

Sessional work in the B. Arch. Course can be defined as mandatory assignments carried out by students in the classroom or the studio during the course of the semester (session).

Sessional work will be detailed out in the course content for each subject, which may include drawings, sketches, reports, presentations, models as per the requirements. In the case of theory intensive subjects, sessional work may be in the form of class tests, seminars, presentation of reports or documentation.

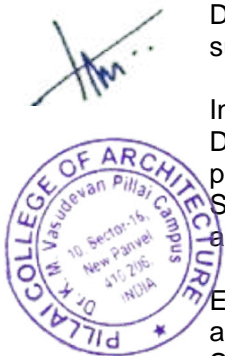
In the design studio or for the technical subjects, sessional work shall consist of supervised design development, the working out of technical details, reports and documentation. All these assignments are marked in process and upon completion may be assessed in the form of Crits or Juries. Sessional work in all subjects shall be designed, carried out and assessed by the subjects in charge and collated as Internal Marks.

Allied Design Studio

The Architectural Design Studio is the central subject in the architecture course; other subjects supplement knowledge, skills and critical understanding of the design of architecture. The **Allied Design Studio** is also a studio where subjects allied to Architectural Design can be taught and sessional work carried out in the form of design projects. These subjects are closely associated with the core of design and architecture.

In the previous syllabus, these subjects included Basic Design, Interior Design, Landscape Design and Urban Design/ Urban Planning. In the new syllabus, these subjects shall form part of a representative list that may include other design based subjects such as Visual Studies, Graphic Design, Product Design, Furniture Design, the Design of Outdoor Spaces and Public Places, or Town Planning.

Each college may determine the teaching modules and sessional work for these subjects, as also their location in the first three years. Each subject shall have both a Lecture as well as a Studio component. Credits for the Allied Design Projects will be given to each student as per his/her attendance, participation and contribution towards the projects. These Credits will be given by the respective Project teachers/ coordinators for the term.



College Projects

College projects form part of the 25% class time that shall be planned by the colleges according to their philosophy and institutional objectives. College Projects may include mixed group participation of students from different years, or may be dedicated to any one class. The College Project time and credits may also be used to supplement additional coursework to advance knowledge in the core subjects in the syllabus.

Credits for these projects will be given to each student as per his/her attendance, participation and contribution towards the projects. These Credits will be given by the respective project coordinators for the term.

The following is a representative list of what may constitute college projects: Seminars, Tutorials/ additional classes for any course, Guest Lectures, putting up Exhibitions, Workshops, participating in Architectural Competitions or conducting Site Visits or Study Tours.

Electives

Electives form part of the 25% class time that shall be planned by the colleges according to their philosophy and institutional objectives. Electives may include mixed group participation of students from different years, or may be dedicated to any one class. Electives shall be offered by the college to each class to supplement additional coursework or to advance knowledge in architecture and allied fields.

Credits for electives will be given to each student as per his/her attendance, participation and satisfactory completion of assignments. These Credits for the Electives shall be given by the respective elective teacher for the term.

Representative Lists for possible electives in architecture and allied fields can be referred to from the Council of Architecture's Document on Minimum Standards of Architectural Education. Each college can, of course, determine electives based on the needs of the day, and the availability of resource persons.



Scheme of Teaching and Examinations Bachelor of Architecture (B. Arch.) Semester I

| Semester I Exam conducted by individual colleges | | Teaching Scheme | | Credits | | |
|---|---|-----------------|-----------|-----------|-----------|-----------|
| Sub. No. | SUBJECTS | Lecture | Studio | Theory | Studio | Total |
| 101 | Architectural Design Studio | | 4 | | 4 | 4 |
| 102 | Allied Design Studio | | 4 | | 4 | 4 |
| 103 | Architectural Building Construction & Materials | 2 | 3 | 2 | 3 | 5 |
| 104 | Theory & Design of Structures | 3 | | 3 | | 3 |
| 105 | Humanities | 3 | | 3 | | 3 |
| 106 | Environmental Studies | 2 | | 2 | | 2 |
| 107 | Architectural Representation & Detailing | | 3 +3 | | 6 | 6 |
| 120 | College projects | | 6 | | 6 | 6 |
| 121 | Elective | | 3 | | 3 | 3 |
| | Total | 10 | 26 | 10 | 26 | 36 |

| Semester I Exam Exam conducted by individual colleges | | Examination Scheme | | | |
|--|--|--------------------|----------|---------------|-------------|
| Sub. No. | SUBJECTS | Theory (paper) | Internal | External viva | Total |
| 101 | Architectural Design Studio | | 150 | | 150 |
| 102 | Allied Design Studio | | 150 | | 150 |
| 103 | Architectural Building Construction | 70 | 80 | | 150 |
| 104 | Theory & Design of Structures | 50 | 50 | | 100 |
| 105 | Humanities | 50 | 50 | | 100 |
| 106 | Environmental Studies | | 50 | | 50 |
| 107 | Architectural Representation & Detailing | | 100+50 | | 150 |
| 120 | College projects | | 100 | | 100 |
| 121 | Elective | | 50 | | 50 |
| | Total | | | | 1000 |

Notes: Each period shall be of 50 minutes duration and each semester shall consist of 90 days of teaching programme.

The colleges are required to arrange the time table per semester as per the teaching scheme prescribed.

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Syllabus (Course Content) for First Year B. Arch. course Semester I

101 Achitectural Design Studio 1

Credits-4

Teaching Hours

Lectures- -----

Studio- 72 periods of 50 minutes duration -60 hours

Sessional marks-

Internal- 150

External -----

Understanding the human body in space
Activities and their relation ship with spaces
Scales and proportions
Developing a language vocabulary, visualization
Exposure to architecture,
Exposure to architects and their works
Buildings, practices, site visits, meeting architects
Sessional work based on the basis of above.

102 Allied Design Studio 1

Credits-4

Teaching Hours

Lectures

Studio- 72periods of 50 minutes duration - 60hours

Sessional marks-

Internal- 150

External -----

The course content will be developed by the individual colleges as per their choice of Allied Design scheme.

The schemes may include Visual Studies, Basic Design, Graphic Design, Product Design, Furniture Design, Design of Outdoor Spaces

Visual Field & Practices (given as an example)

Visual practices visual compositions using real world materials

Similarity & self-similarity understanding diversity

Natural & artificial forms/colors/textures; inherent/applied



103 Architectural Building Construction & Materials 1

Credits-5

Teaching Hours-

Lectures-36 periods of 50 minutes duration- 30 hours
Studio- 54 periods of 50 minutes duration- 45 hours

Scheme of examination

Theory one paper of three hours duration Max. marks- 70 Min marks for passing- 28

Sessional marks-

Internal- 80 marks External ----

Building Construction

Elements of buildings -Substructure/ Superstructure
Understanding role of building elements
Understanding construction built form & building practice
Paradigms: load bearing structures, frame structures
Study of Simple buildings from foundation to roof
Building construction drawing practices and conventions
Building details models

Building Materials

Contextual relevance- what are buildings made of

Natural and artificial materials- where they are used

Materials shall be studied by understanding their PROPERTIES viz. Density & Specific gravity, Strength, Thermal properties etc.
The study shall strongly emphasize the 'Selection Criteria' comprising various aspects viz. Technology, Aesthetic, Socio-Cultural, Socio-Economic, Ecology (green materials), etc.

104 Theory & Design of Structures 1

Credits- 3

Teaching Hours

Lectures- 54 periods of 50 minutes duration- 45 hours
Studio- -----

Scheme of examination

Theory -one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50 External ----

Introduction to the subject and theory of structure:

- a. Aims, objectives and scope of study of theory of structure for architects.
- b. Technical names and function of various structural components from foundation to roof.
- c. Fundamentals and mechanics.



- d. S.I. system and units.
- e. Understanding structure why things don't fall down

Structural systems- ways to create inner space
Under standing loads of various types

understanding the forces and Moments –

Definition, cause, effect, units
Types of forces,
Conditions of equilibrium
Beam reactions

105 Humanities 1

Credits- 3

Teaching Hours

Lectures- 54 periods of 50 minutes duration – 45 hours

Studio- -----

Scheme of examination

Theory -one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50

External ----

World history systems of knowledge

History of culture understanding human cultural development, products and sociology

Chronology India and the world

106 Environmental Studies 1

Credits- 2

Teaching Hours-

Lectures- 36 periods of 50 minutes duration

Studio- -----

Sessional marks-

Internal- 50

External ----

OBJECTIVE

Understand the relationship between Natural environment and Built environment

Understanding Natural resources

Forest resources, Water resources, Mineral resources, Food resources, Energy resources,
Land resources

CONCEPTS

Natural Environment, Ecology and ecosystems, Bio diversity and co existence

Relationship and co-existence of Built & Natural Environments

Building Types & Lifestyles in different geographic zones and climatic zones



107 Architectural Representation & Detailing 1

Credits-6

Teaching Hours

Lectures-----

Studio- 108 periods of 50 minutes duration – 90 hours

Sessional marks-

Internal- 150

External ----

Graphics

Studio work culture pencils, instruments, table, etc.

Plane geometry & solid geometry orthography

Drawing a building understanding thicknesses and hollows; plans, sections, elevations

Freehand

Memory left brain creativity

Objects taking things apart/ reassembly

Workshop

Building skills studio work culture; instruments, tabletop; cutting, joining, shaping

Materials and media installations assembly

120 College Projects 1

Credits- 6

Teaching Hours-

108 periods of 50 minutes duration - 90hours

Sessional marks-

Internal- 150

External -----

(to be developed by individual colleges)

The following is a representative list of what may constitute college projects:

Seminars, Tutorials/ additional classes for any course, Guest Lectures, putting up Exhibitions, Workshops, participating in Architectural Competitions or conducting Site Visits or Study Tours.

121 Elective 1

Credits- 3

Teaching Hours

Studio- 54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 50

External -----

(to be developed by individual colleges)



Scheme of Teaching and Examinations Bachelor of Architecture (B. Arch.) Semester II

| Semester II Exam conducted by individual colleges | | Teaching Scheme | | Credits | | |
|--|---|-----------------|--------|---------|--------|-------|
| Sub. No. | COURSES | Lecture | Studio | Theory | Studio | Total |
| 201 | Architectural Design | | 4 | | 4 | 4 |
| 202 | Allied Design Studio | | 4 | | 4 | 4 |
| 203 | Architectural Building Construction & Materials | 2 | 3 | 2 | 3 | 5 |
| 204 | Theory & Design of Structures | 3 | | 3 | | 3 |
| 205 | Humanities | 3 | | 3 | | 3 |
| 206 | Environmental Studies | 2 | | 2 | | 2 |
| 207 | Architectural Representation & Detailing | | 3 +3 | | 6 | 6 |
| 220 | College projects | | 6 | | 6 | 6 |
| 221 | Elective | | 3 | | 3 | 3 |
| | Total | 10 | 26 | 10 | 26 | 36 |

| Semester II Exam Exam conducted by individual colleges | | Examination Scheme | | | |
|---|--|--------------------|----------------|---------------|-------|
| Sub. No. | SUBJECTS | Theory (paper) | Sessional Work | External viva | Total |
| 201 | Architectural Design Studio | | 150 | | 150 |
| 202 | Allied Design Studio | | 150 | | 150 |
| 203 | Architectural Building Construction | 70 | 80 | | 150 |
| 204 | Theory & Design of Structures | 50 | 50 | | 100 |
| 205 | Humanities | 50 | 50 | | 100 |
| 206 | Environmental Studies | | 50 | | 50 |
| 207 | Architectural Representation & Detailing | | 100+50 | | 150 |
| 220 | College projects | | 100 | | 100 |
| 221 | Elective | | 50 | | 50 |
| | Total | | | | 1000 |

Notes: Each period shall be of 50 minutes duration and each semester shall consist of 90 days of teaching programme.

The colleges are required to arrange the time table per semester as per the teaching scheme prescribed.




Syllabus (Course Content) for First Year B. Arch. course Semester II

201 Architectural Design Studio 2

Credits-4

Teaching Hours

Lectures- -----

Studio- 72 periods of 50 minutes duration -60 hours

Sessional marks-

Internal- 150

External -----

Object & context

Architecture as environment

Architecture in context

Architectural insertions, Documentation, site visits, documentation through text, photography, drawings, computers

Design exercises – Designing of space for small groups and minor activities with reference to climate, site conditions, and user requirements.

202 Allied Design Studio 2

Credits-3

Teaching Hours

Lectures

Studio- 72periods of 50 minutes duration - 60hours

Sessional marks-

Internal- 150 marks

External -----

The course content will be developed by the individual colleges as per their choice of Allied Design scheme.

The schemes may include Visual Studies, Basic Design, Graphic Design, Product Design, Furniture Design, Design of Outdoor Spaces

Visual Field & Practices *(given as an example)*

Aesthetics as a product of context/ media

Mixing media/ hybridity

Visual culture icon, index, symbol

Installations exercises



203 Architectural Building Construction & Materials 2

Credits- 5

Teaching Hours-

Lectures-36 periods of 50 minutes duration- 30 hours
Studio- 54 periods of 50 minutes duration- 45 hours

Scheme of examination

Theory one paper of three hours duration Max. marks- 70 Min marks for passing- 28

Sessional marks-

Internal- 80 marks
External ----

Building Construction

walling systems ,external envelopes, internal partitions in various materials, cavity walls
openings/fenestrations
structural considerations; structural spans; lintel, beam, arch
fenestrations: opaque, translucent, transparent

Building Materials

Material Syntax

synchronic and paradigmatic choices

Understanding Specifications & Quantities

The outcome of this course is the ability to SPECIFY building materials as per the demands of Design Program.

204 Theory & Design of structures 2

Credits- 3

Teaching Hours

Lectures- 54 periods of 50 minutes duration- 45 hours
Studio- -----

Scheme of examination

Theory -one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50 External ----

Understanding various concepts about structures as tall, long, thin, wide etc.

Understanding Articulation of structural systems from foundation to roof

Understanding the following:

- 1) Properties of section
- 2) Stress and strain:
- 3) Shear force and bending moment
- 4) Theory of simple Bending



205 Humanities 2

Credits- 3

Teaching Hours

Lectures- 54 periods of 50 minutes duration – 45 hours

Studio- -----

Scheme of examination

Theory -one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50

External ----

History of art culture & aesthetics

Society, Context, Aesthetics, Architecture

Prehistory, Paleolithic and Neolithic Cultures,

River Valley Civilizations

Classical Greece and Rome

Vedic Culture, Kingship in India, Hellenistic influences

Buddhism and Jainism

206 Environmental Studies 2

Credits- 2

Teaching Hours

Lectures- 36 periods of 50 minutes duration – 30 hours

Studio- -----

Sessional marks-

Internal- 50 marks

External ---

OBJECTIVE

Study the effect of architectural development on natural resources

Effects of architectural development on natural resources

Concepts of sustainable development

Renewable resources

Water cycle and its management

Conservation and generation of energy

207 Architectural Representation & Detailing 2

Credits- 6

Teaching Hours

Lectures-----

Studio- 108 periods of 50 minutes duration – 90 hours

Sessional marks-

Internal- 150

External ----

Graphics

Views isometric, axonometric

Perspective & sciography exercises (may be done on sketch

Am...



Freehand

Landscape outdoor sketching

Anatomy

Workshop

Visual practices exercises

Architectural design exercises- making models

Theory of structures and construction – making of models

220 College Projects 2**Credits- 6****Teaching Hours-**

108 periods of 50 minutes duration - 90hours

Sessional marks-

Internal- 150

External -----

(to be developed by individual colleges)

The following is a representative list of what may constitute college projects

Seminars, Tutorials/ additional classes for any course, Guest Lectures, putting up Exhibitions, Workshops, participating in Architectural Competitions or conducting Site Visits or Study Tours.

221 Elective 2**Credits- 3****Teaching Hours**

Lectures

Studio- 54 periods of 50 minutes duration -45 hours

Sessional marks-

Internal- 50

External -----

(to be developed by individual colleges)



**DETAILS OF SCHEME OF EXAMINATION SEMESTER I
TO BE CONDUCTED BY COLLEGES.**

| BACHELOR OF ARCHITECTURE | | SEMESTER I | | | | DETAILS OF SCHEME OF EXAMINATION | | | | |
|--|---|--------------|----------|------------|------------------------|----------------------------------|------------------------|-----------|------------------------|---------------------------|
| SR NO | Semester I EXAMINATION Exam conducted by individual colleges | THEORY | | | | SESSIONAL MARKS | | | | |
| | | No of papers | duration | Max. marks | Min. Marks for passing | Internal | | External | | |
| | COURSES | | | | | Max. marks | Min. Marks for passing | Max Marks | Min. Marks For passing | Max. marks for the course |
| 101 | Architectural Design 1 | --- | ---- | --- | --- | 150 | 75 | --- | ---- | 150 |
| 102 | Allied Design 1 | ---- | --- | --- | --- | 150 | 75 | --- | ---- | 150 |
| 103 | Architectural Building Construction 1 | 1 | 3HOURS | 70 | 28 | 80 | 40 | --- | --- | 150 |
| 104 | Theory & Design of Structures 1 | 1 | 2HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| 105 | Humanities 1 | 1 | 2HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| 106 | Environmental Studies 1 | --- | --- | --- | --- | 50 | 25 | --- | --- | 50 |
| 107 | Architectural Representation & Detailing 1 | --- | --- | --- | --- | 100+50 | 75 | --- | --- | 150 |
| 120 | College projects 1 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| 121 | Elective 1 | --- | --- | --- | --- | 50 | 25 | --- | --- | 50 |
| Total marks for the examination | | | | | | | | | | 1000 |

Notes:

Theory, internal sessional work, and external viva are considered as separate heads of passing

Total marks for the examination = 1000

Minimum marks for passing the examination= 50



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**DETAILS OF SCHEME OF EXAMINATION SEMESTER II
TO BE CONDUCTED BY COLLEGES.**

| BACHELOR OF ARCHITECTURE | | SEMESTER II | | | | DETAILS OF SCHEME OF EXAMINATION | | | | |
|--|---|--------------|----------|------------|------------------------|----------------------------------|------------------------|-----------|------------------------|---------------------------|
| SR NO | Semester II EXAMINATION Exam conducted by individual colleges | THEORY | | | | SESSIONAL MARKS | | | | |
| | | No of papers | duration | Max. marks | Min. Marks for passing | Internal | | External | | |
| | COURSES | | | | | Max. marks | Min. Marks for passing | Max Marks | Min. Marks For passing | Max. marks for the course |
| 201 | Architectural Design Studio 2 | --- | ---- | --- | --- | 150 | 75 | --- | ---- | 150 |
| 202 | Allied Design studio 2 | | | | | 150 | 75 | --- | ---- | 150 |
| 203 | Architectural Building Construction 2 | 1 | 3HOURS | 70 | 28 | 80 | 40 | --- | --- | 150 |
| 204 | Theory & Design of Structures 2 | 1 | 2HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| 205 | Humanities 2 | 1 | 2HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| 206 | Environmental Studies 1 | --- | --- | --- | --- | 50 | 25 | --- | --- | 50 |
| 207 | Architectural Representation & Detailing 2 | --- | --- | --- | --- | 100+50 | 75 | --- | --- | 150 |
| 220 | College projects 2 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| 221 | Elective 2 | --- | --- | --- | --- | 50 | 25 | --- | --- | 50 |
| Total marks for the examination | | | | | | | | | | 1000 |

Notes:

Theory, internal sessional work, and external viva are considered as separate heads of passing

Total marks for the examination = 1000

Minimum marks for passing the examination= 50



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UNIVERSITY OF MUMBAI



Syllabus for the Bachelor of Architecture

Programme : B.Arch.

**Bachelor of Architecture
(Semester III & IV)**

(As per Credit Based Semester and Grading System with
effect from the academic year 2013–2014)

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Scheme of Teaching and Examinations Bachelor of Architecture (B. Arch.) Semester III

| Semester III Exam conducted by individual colleges | | Teaching Scheme | | Credits | | |
|---|--|-----------------|-----------------------------------|-----------|-----------|-----------|
| Sub. No. | SUBJECTS | Lecture | Studio | Theory | Studio | Total |
| 301 | Architectural Design Studio | | 6 | | 6 | 6 |
| 302 | Allied Design Studio | | 3 | | 3 | 3 |
| 303 | Architectural Building Construction | 3 | 3 classes Technology studio | 3 | 1 | 4 |
| 304 | Theory and Design of Structures | 2 | | 2 | 1 | 3 |
| 308 | Architectural Building Services | 2 | | 2 | 1 | 3 |
| 305 | Humanities | 3 | | 3 | | 3 |
| 306 | Environmental Studies | 2 | | 2 | | 2 |
| 307 | Architectural Representation & Detailing | 2 | 2 | 2 | 2 | 4 |
| 309 | Architectural Theory | 2 | | | | 2 |
| 320 | College projects | | 3 | | | 3 |
| 321 | Elective | | 3 | | | 3 |
| | Total | 16 | 20 | 16 | 20 | 36 |

| Semester I II Exam Exam conducted by individual colleges | | Examination Scheme | | | |
|---|--|--------------------|----------|---------------|-------------|
| Sub. No. | SUBJECTS | Theory (paper) | Internal | External viva | Total |
| 301 | Architectural Design Studio | | 100 | 100 | 200 |
| 302 | Allied Design Studio | | 100 | | 100 |
| 303 | Architectural Building Construction | 50 | 50 | | 100 |
| 304 | Theory and Design of Structures | 50 | 50 | | 100 |
| 308 | Architectural Building Services | 50 | 50 | | 100 |
| 305 | Humanities | 50 | 50 | | 100 |
| 306 | Environmental Studies | | 50 | | 50 |
| 307 | Architectural Representation & Detailing | | 100 | | 100 |
| 309 | Architectural Theory | | 50 | | 50 |
| 320 | College projects | | 100 | | 100 |
| 320 | Elective | | 100 | | 100 |
| | Total | | | | 1100 |



Syllabus (Course Content) for Second Year B. Arch. Semester III

301 Architectural Design Studio 3

Credits-6

Teaching Hours

Lectures- -----

Studio- 108 periods of 50 minutes duration -90 hours

Sessional marks-

Internal- 100

External ---100

Objectives:

Understanding space requirements for various activities for small groups of people
Understanding indoor and out door spaces created by built forms.

Design Objectives

Design of spaces suitable for the intended activity

Design of spaces as per the behavioral needs of individuals and groups.

Design and detailing of built form and required infrastructure with reference to methods of construction, and materials

Design projects

Built and Un-built spaces for multiple activities for a small group of people

Built and Un built spaces for relatively larger groups.

302 Allied Design Studio 3

Credits-3

Teaching Hours

Lectures

Studio- 54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

The course content will be developed by the individual colleges as per their choice of Allied Design scheme.



303 Architectural Building Construction & Materials 3

Credits-4

Teaching Hours-

Lectures-54 periods of 50 minutes duration- 45 hours

Studio- 54 periods of 50 minutes duration- 45 hours to be conducted as technology studio (out of which 15 hours are considered for credit calculations)

Scheme of examination

Theory: one paper of three hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50 marks

External ----

Objectives-

Understanding concepts of framed structures in R.C.C.

Understanding methods of construction of various components of R.C.C. Structures

1. Structural framing in R.C.C for low rise buildings.
- 2 Foundation Systems, Floor Systems, Wall Systems, staircases, Roof Systems,
3. Moisture and Thermal protection in R.C.C. framed low rise buildings.
4. Movable light weight partitioning and paneling, Stairs in Interior spaces.

Sessional Work : based upon above in form of sketches, drawings, Case Studies, Reports.

Application to Architectural Design Projects.

304 Theory & Design of Structures 3

Credits- 3

Teaching Hours

Lectures- 36 periods of 50 minutes duration- 30 hours

Studio- 54 periods of 50 minutes duration- 45 hours

(to be conducted as technology studio out of which 15hours are considered for credit calculations)

Scheme of examination

Theory -one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50

External ----



Objectives:

Understanding of basic theories and principles of structural analysis

Understanding of properties of materials relevant to structural analysis

Understanding of behavior of structural elements under various conditions

1. Theory of simple bending

- a. Theory of simple bending only equations & problem.
- b. Design of timber & steel beams.
- c. Shear stress distribution.

2. Deflection

- a. Simply supported beams and cantilevers with distributed & point loads by Euler's theory.
- b. Introduction to Macaulay's method
- c. Application of deflection in structural planning

3. Direct AND Bending Stresses

- a. Combined stress distribution for Beam, column and footing
- b. Application to design the footing of wall and column (only plan dimension)

4. Basics of RCC

Grades of concrete and steel used in RCC.

Application of thumb rules for selecting dimensions of slab, beam and column for low rise and low span structures. Placement of steel based of Bending moment and shear force diagrams

5. Material testing

Cement(OPC)

Initial and final setting time

Consistency

Fineness

Compressive strength

Sand

Bulking, silt content, Fineness modulus

Bricks

Density, Water absorption, compressive strength



305 Humanities 3

Credits- 3

Teaching Hours

Lectures- 54 periods of 50 minutes duration – 45 hours

Studio- -----

Scheme of examination

Theory -one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50

External ----

The study of the socio-cultural circumstances, the art and the architecture of the following:

The decline of the Roman Empire

The beginnings of Christianity and the formation of the Holy Roman Empire

Early Christian architecture

The Byzantine age

The Romanesque age

Medieval Europe

The Gothic age

The rise of Islam and its impact on Europe

The Crusades and their aftermath; the fall of Constantinople

The Renaissance in Italy

The rediscovery of the Classical past and its impact on art, architecture, science and philosophy

Humanism

The Masters of the Renaissance

Mannerism

The Renaissance in the rest of Europe

The Reformation, its impact on art and architecture

The Counter-Reformation

Baroque art and architecture

The age of discovery

Colonization and the changed world order

The Enlightenment

The age of revolution: America and France

The Industrial Revolution

Its rise in England

Demographic change and urbanization

New materials and technologies and their impact



New building types for the industrial age
The battle of 'styles'; nostalgia and exoticism
Neo-Classical and Neo-Gothic architecture

The Arts and Crafts Movements in Europe
Art Nouveau
Art Deco
Early modernistic impulses
Modern movements in art
Modern movements in architecture

306 Environmental Studies

Credits-2

Teaching Hours

Lectures- 36 periods of 50 minutes duration-30 hours

Sessional marks-

Internal- 50

External ----

Objective: To study and understand passive methods of environmental control

Climatology and Building Sciences

Micro climate and Macro climate
Energy flow in building
Human comfort
Traditional methods for achieving comfort

Passive Methods of control

Natural lighting
Solar Radiations and Architecture
Air flow patterns inside buildings and in building layouts
Natural ventilation

307 Architectural Representation & Detailing 3

Credits-4

Teaching Hours

Lectures- 36 periods of 50 minutes duration-30 hours

Studio- 36 periods of 50 minutes duration – 30hours

Sessional marks-

Internal- 100

External ----

Perspective-

Perspective of building elements
Perspective of interior spaces



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Sciography-

Shades and shadows of buildings and parts of buildings

Sessional work – Perspective and Sciography exercises

Documentation and measured drawings

Methods of measurement of interior and exterior spaces, Building Elements.

Sessional work –

Architectural plans, sections, elevation of existing building/ interior space as per the measurements.

308 Architectural Building Services 1

Credits- 3

Teaching Hours

Lectures- 36 periods of 50 minutes duration- 30 hours

Studio- 54 periods of 50 minutes duration- 45 hours to be conducted as technology studio (out of which 15 hours are considered for credit calculation)

Scheme of examination

Theory -one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50

External ----

Objectives: understanding basic services required for a building and interior spaces

Sanitation:

Sanitary appliances and user space requirement

Various types of traps used with appliances

Design of toilets

Drainage and water supply connections to various appliances

Systems of building drainage

Water supply

Direct and indirect water supply for buildings

Connection from Municipal water main- Ferrule, water meter.

Design of water storage tanks, and down take pipes

Taps and valves used with various appliances

Sessional work_

Market survey for appliances and accessories,

Water supply calculations

Water supply layout- connection from municipal main to buildings

Water supply connections within the building

Design of toilets with water supply and drainage connections



309 Architectural Theory 1

Credits- 2

Teaching Hours

Lectures- 36 periods of 50 minutes duration – 30 hours

Studio- -----

Sessional marks-

Internal- 50 marks

External ---

READING

Objectives:

1. To understand and comprehend ideas in architecture through writings in architecture
2. To appreciate architecture as the development of changing ideas over time, and as the representation of their particular time and context. To be able to chart the change of ideas chronologically over time.
3. To become familiar with and improve comprehension about architecture using theoretical texts and architectural criticism.

Sessional Work:

Students are expected to read from short and long writings about architecture and communicate their comprehension in writing and discussions/presentation in class. It is suggested that texts from the following authors be used to build up a body of knowledge about architecture (this is only a representative list):

Vitruvius, Andrea Palladio, John Ruskin, Louis Sullivan, Adolf Loos, Le Corbusier, writings from the Bauhaus, Peter Blake, Philip Johnson, Charles Jencks, Robert Venturi, Adrian Forty, Christopher Alexander, Leon Krier, Kevin Lynch, Rem Koolhaas, Bjark Engels, Charles Correa, Romi Khosla,

320 College Projects 3

Credits- 3

Teaching Hours-

54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

(to be developed by individual colleges)

The following is a representative list of what may constitute college projects:

Seminars, Tutorials/ additional classes for any course, Guest Lectures, putting up Exhibitions, Workshops, participating in Architectural Competitions or conducting Site Visits or Study Tours.



321 Elective 3

Credits- 3

Teaching Hours

Studio- 54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

(to be developed by individual colleges)

Technology Studio

Credit and marks as per the scheme of examination for individual courses

Teaching Hours

Studio- 54 periods of 50 minutes duration – 45 hour

Objectives

Integration of courses
Combined studio time

Technology studio is the studio time for students where guidance for technical courses will be available.

Combined Studio classes to be used for Sessional work for individual courses as well as for integration of courses



**DETAILS OF SCHEME OF EXAMINATION SEMESTER III
TO BE CONDUCTED BY COLLEGES.**

| BACHELOR OF ARCHITECTURE SEMESTER III DETAILS OF SCHEME OF EXAMINATION | | | | | | | | | | |
|---|---|--------------|----------|------------|------------------------|-----------------|------------------------|-----------|------------------------|---------------------------|
| SR NO | Semester III EXAMINATION Exam conducted by individual colleges | THEORY | | | | SESSIONAL MARKS | | | | |
| | | No of papers | duration | Max. marks | Min. Marks for passing | Internal | | External | | |
| | COURSES | | | | | Max. marks | Min. Marks for passing | Max Marks | Min. Marks For passing | Max. marks for the course |
| 301 | Architectural Design 3 | --- | ---- | --- | --- | 100 | 50 | 100 | 50 | 200 |
| 302 | Allied Design 3 | ---- | --- | --- | --- | 100 | 50 | --- | ---- | 100 |
| 303 | Architectural Building Construction 3 | 1 | 3 HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| 304 | Theories and Design of Structures 3 | 1 | 2 HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| 305 | Humanities 3 | 1 | 2 HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| 306 | Environmental Studies 3 | --- | --- | --- | --- | 50 | 25 | --- | --- | 50 |
| 307 | Architectural Representation & Detailing 1 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| 308 | Architectural Building Services1 | 1 | 2 HOURS | 50 | 20 | 50 | 25 | ---- | ---- | 100 |
| 309 | Architectural Theories 1 | --- | --- | --- | --- | 50 | 25 | --- | --- | 50 |
| 320 | College projects 3 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| 321 | Elective 3 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| Total marks for the examination | | | | | | | | | | 1100 |

Total marks for the examination = 1100

Minimum marks for passing the examination= 550



Scheme of Teaching and Examinations Bachelor of Architecture (B. Arch.) Semester IV

| Semester IV Exam conducted by individual colleges | | Teaching Scheme | | Credits | | |
|--|--|-----------------|-----------------------------------|---------|--------|-------|
| Sub. No. | SUBJECTS | Lecture | Studio | Theory | Studio | Total |
| 401 | Architectural Design Studio | | 8 | | 8 | 8 |
| 402 | Allied Design Studio | | 3 | | 3 | 3 |
| 403 | Architectural Building Construction | 3 | 3 classes technology studio | 3 | 1 | 4 |
| 404 | Theory and Design of Structures | 2 | | 2 | 1 | 3 |
| 408 | Architectural Building Services | 2 | | 2 | 1 | 3 |
| 405 | Humanities | 3 | | 3 | | 3 |
| 407 | Architectural Representation & Detailing | 2 | 2 | 2 | 2 | 4 |
| 409 | Architectural Theory | 2 | | | | 2 |
| 420 | College projects | | 3 | | | 3 |
| 421 | Elective | | 3 | | | 3 |
| | Total | 14 | 22 | 14 | 22 | 36 |

| Semester IV Exam Exam conducted by individual colleges | | Examination Scheme | | | |
|---|--|--------------------|----------|---------------|-------|
| Sub. No. | SUBJECTS | Theory (paper) | Internal | External viva | Total |
| 401 | Architectural Design Studio | | 100 | 100 | 200 |
| 402 | Allied Design Studio | | 100 | | 100 |
| 403 | Architectural Building Construction | 50 | 50 | | 100 |
| 404 | Theory and Design of Structures | 50 | 50 | | 100 |
| 408 | Architectural Building Services | 50 | 50 | | 100 |
| 405 | Humanities | 50 | 50 | | 100 |
| 407 | Architectural Representation & Detailing | | 100 | | 100 |
| 409 | Architectural Theory | | 50 | | 50 |
| 420 | College projects | | 100 | | 100 |
| 421 | Elective | | 100 | | 100 |
| | Total | | | | 1050 |

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Syllabus (Course Content) for Second Year B. Arch. Semester IV

401 Achitectural Design Studio 4

Credits-8

Teaching Hours

Lectures- -----

Studio- 144 periods of 50 minutes duration -120 hours

Sessional marks-

Internal- 100

External ---100

Objectives:

- To develop research skills for survey research and case study.
- To understand functioning of community spaces in rural areas/semi urban areas
- To study principles of design, construction, and technology based on tradition and experience.

Objectives of Design Projects

- To design spaces suitable for life style in rural/semi urban areas
- To conserve the natural surroundings and social fabric suitable for communities
- To design the buildings suitable to climatic conditions, by using local materials and traditional methods of construction.
- To understand and provide specific infrastructure required for communities.

Design projects

Built and un built spaces for Cluster & Communities,

402 Allied Design Studio 4

Credits-3

Teaching Hours

Lectures

Studio- 54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

The course content will be developed by the individual colleges as per their choice of Allied Design scheme.



403 Architectural Building Construction & Materials 4

Credits-4

Teaching Hours-

Lectures-54 periods of 50 minutes duration- 45 hours

Studio- 54 periods of 50 minutes duration- 45 hours to be conducted as technology studio (out of which 15 hours are considered for credit calculation)

Scheme of examination

Theory :One paper of three hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50 marks

External ----

Objectives-

- Understanding concepts of framed structures in Steel for low medium span building
- Understanding methods of construction of various components of steel structures
- Understanding concepts of trusses for low and medium spans

1. Structural framing in STEEL for low rise medium span buildings.

2. Foundation Systems, Floor Systems, Wall / Cladding Systems,

3. Roof Systems- concepts of trusses

4. Moisture and fire protections in STEEL framed low rise medium span buildings.

Sessional work

Based on above in the form of drawings, sketches, case studies, Reports

404 Theory & Design of Structures 4

Credits- 3

Teaching Hours

Lectures- 36 periods of 50 minutes duration- 30 hours

Studio- 54 periods of 50 minutes duration- 45 hours to be conducted as technology studio (out of which 15 hours are considered for credit calculations)

Scheme of examination

Theory -one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50

External ----

Objectives:

Understanding of basic theories and principles of structural analysis

Understanding of properties of materials relevant to structural analysis

Understanding of behaviour of structural elements under various conditions



1. Analysis of short and long column

- a. Short & long columns, slenderness ratio etc.
- b. Euler's & Rankine's Theory

2. Analysis of fixed beams

- a. Advantages & disadvantages.
- b. Determination of negative & positive bending moments.
(confine the loading to point & UDL covering full span only).

3. Analysis by moment distribution method

Continuous two span and three spans beams with UDL and Point loads with and without support settlement. Single storey and single bay non sway frame under UDL and point load. Comparison of the analysis results of simply supported, continuous and portal frame idealization of three dimensional structures.

4. Introduction to Steel Design

Basic information about different steel section used as structural members and steel table. Brief introduction to planning of low rise and low span steel structures

5. Soil Mechanics

- a. Importance of subject.
- b. Types of soil and their properties.
- c. Methods of compaction and consolidation.
- d. Void ratio, Porosity, Bulk density, Moisture content, Degree of saturation, Liquid limit, Plastic limit, etc.
- e. Test for assessing load bearing capacity of soil.
- f. Soil properties and characteristics relevant to the design of foundations.
- g. Criteria for selection of foundation type for different soil conditions.
- h. Effect of water level, settlement of soil.
- i. Failure of foundation systems.
- j. Improvement of soil properties.
- k. Design procedure for simple load bearing foundations.

6. Material testing

Coarse aggregate

Fineness modulus

Crushing test

Concrete

Compressive strength

Slump cone test

Mangalore tile

Flexure test



405 Humanities 4

Credits- 3

Teaching Hours

Lectures- 54 periods of 50 minutes duration – 45 hours

Studio- -----

Scheme of examination

Theory -one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50

External ----

The study of the socio-cultural circumstances, the art and the architecture of the followings:

The rise of the Mahajanapadas
The organization of kingdoms
Art and architecture of the rock cut temples
Persian and Hellenistic influences

The Mauryas and the Guptas
The legacy of Ashoka

The resurgence of Hinduism
The rise of the Shaivite and Vaishnavite traditions
The great temples of India, their design, evolution and significance
Khajuraho, Konarak, Halebid, Belur, Somnathpur, Aihole, Badami, Pattadakal
The Dravida Style
The Nagara Style
Temple towns
Timber temple traditions of Kerala and Himachal Pradesh
The rise of the Vijayanagara empire
Development of state and domestic architecture in various parts of India

The rise of Islam
Timber mosques of Kerala
The influences of the Ghorid/ Ghaznavid invasions

The establishment of the Sultanates
The Khaljis and Delhi
The later Sultanates: the Tughlaqs and the Lodhis- Art and architecture



The Gujarat and Deccan sultanates- Art and architecture
Rajput architecture

The Mughals

Babar and Humayun- Art and architecture

The interregnum of Sher Shah Suri

Akbar

His patronage, influence and syncretic legacy

Akbar's karkhanas of art, miniature painting and calligraphy

Akbar's architecture

Jehangir, Shahjehan and Aurangzeb- Art and architecture

The decline of the Mughals and the rise of regional powers

The establishment and influence of the East India Companies

The Portuguese and Dutch influence

The port cities of Calcutta, Madras and Bombay

The architecture of the Presidency towns

Company paintings

The uprising of 1857 and its aftermath

New British architecture in India

Neo-Classical architecture

Neo-Gothic architecture, its impact on Urbs Prima Indis

The influence of the Bombay School of Art on Art and architecture in the 19th century

Indo-Saracenic architecture

The urban architecture of Bombay in the early 20th century

Art movements in the early 20th century in India

The first Indian Architectural practices

Art Deco in Bombay and India

Modernist impulses in art and architecture in the years leading to independence



407 Architectural Representation & Detailing 4

Credits-4

Teaching Hours

Lectures- 36 periods of 50 minutes duration-30 hours

Studio- 36 periods of 50 minutes duration – 30hours

Sessional marks-

Internal- 100

External ----

SURVEYING AND LEVELLING

Objectives:

To Understand methods of survey, and documentation,
Introduction to tools and equipments of Land surveying
Introduction to modern methods of surveying

1. Brief history of land surveys executed by Government Departments
Information and working of land record offices
2. Reading of Survey maps, understanding of features and undulation of ground
- 3.Chain Survey and Triangulation
 - A study of instruments used for chain Survey
Chains, Ranging Rods, Tapes, Optical square, Cylindrical cross staff
 - B. Chain line ranging, Measurement of offsets in field book
 - C. Recording of Chain survey measurements in field book
 - D. Plotting of Chain survey, scales used in plotting
 - E. Calculation of Area
- 4.Transverse Survey
 - A. Instruments used Prismatic compass and Theodolite
 - B. Recording measurements of prismatic compass survey, magnetic Meridian, Back, Fore, and reduced Bearings, Local attraction and its correction
 - C. Plotting of Transverse survey, Elimination of closing error
5. Various uses of Theodolite,
 - Finding out heights or distances of inaccessible structures
 - E. Lining out of large buildings, and roads

Sessional Work-

Based upon above in the form of plates, drawings, class Tests



408 Architectural Building Services 2

Credits- 3

Teaching Hours

Lectures- 36 periods of 50 minutes duration- 30 hours

Studio- 54 periods of 50 minutes duration- 45 hours to be conducted as technology studio (out of 18 hours are considered for credit calculation)

Scheme of examination

Theory -one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50

External ----

Objectives:

Understanding of external services of water supply and drainage for the buildings, and site lay outs.

Systems of building drainage

Design of under ground drainage system

Use of inspection chambers and disconnecting chambers

Connection to municipal sewer, use of Drop manhole

Ventilation of drainage system

Sewage disposal systems for small projects

Roof drainage

Site and surface drainage

Rain water harvesting

Various traps used in site layouts

Sessional Work- Drainage lay out

Surface drainage and rain water harvesting



409 Architectural Theory 2

Credits- 2

Teaching Hours

Lectures- 36 periods of 50 minutes duration – 30 hours

Studio- -----

Sessional marks-

Internal- 50 marks

External ---

WRITING

Objective:

1. To be able to write with clarity about architecture and ideas in architecture.
2. To be able to correctly use architectural terms to communicate architectural ideas.
3. To be able to convey effectively in words the thinking behind one's own designs being carried out in various studios.
4. To learn to use referencing and citation as an essential tool of writing, and to understand clearly issues and consequences of plagiarism.

Sessional Work: this semester sessional work may be carried out in the form of writing workshops leading to short and longer pieces of writing. Resources persons such as published writers, architectural journalists and academics may be invited to conduct these workshops and encourage interaction in writing and reading by the students themselves. Much of the resource material from the previous semester may be relied upon to ensure vertical continuity of the subject.

420 College Projects 4

Credits- 3

Teaching Hours-

54 periods of 50 minutes duration – 45 hours

Sessional marks-

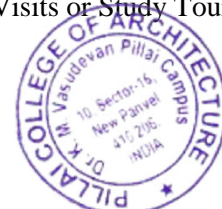
Internal- 100

External -----

(to be developed by individual colleges)

The following is a representative list of what may constitute college projects:

Seminars, Tutorials/ additional classes for any course, Guest Lectures, putting up Exhibitions, Workshops, participating in Architectural Competitions or conducting Site Visits or Study Tours.



421 Elective 4

Credits- 3

Teaching Hours

Studio- 54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

(to be developed by individual colleges)

Technology Studio

Credit and marks as per the scheme of examination for individual courses

Teaching Hours

Studio- 54 periods of 50 minutes duration – 45 hour

Objectives

Integration of courses
Combined studio time

Technology studio is the studio time for students where guidance for technical courses will be available.

Combined Studio classes to be used for Sessional work for individual courses as well as for integration of courses



**DETAILS OF SCHEME OF EXAMINATION SEMESTER IV
TO BE CONDUCTED BY COLLEGES.**

| BACHELOR OF ARCHITECTURE SEMESTER IV DETAILS OF SCHEME OF EXAMINATION | | | | | | | | | | |
|--|--|--------------|----------|------------|------------------------|-----------------|------------|------------------------|----------|-------------|
| SR NO | Semester IV EXAMINATION Exam conducted by individual colleges | THEORY | | | | SESSIONAL MARKS | | | | |
| | | No of papers | duration | Max. marks | Min. Marks for passing | Internal | Max. marks | Min. Marks for passing | External | Max Marks |
| 401 | Architectural Design 4 | --- | ---- | --- | --- | 100 | 50 | 100 | 50 | 200 |
| 402 | Allied Design 4 | ---- | --- | --- | --- | 100 | 50 | --- | ---- | 100 |
| 403 | Architectural Building Construction 4 | 1 | 3 HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| 404 | Theory and Design of Structures 4 | 1 | 2HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| 405 | Humanities 4 | 1 | 2HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| 407 | Architectural Representation & Detailing 4 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| 408 | Architectural Building Services2 | 1 | 2HOURS | 50 | 20 | 50 | 25 | ---- | ---- | 100 |
| 409 | Architectural Theories 2 | --- | --- | --- | --- | 50 | 25 | --- | --- | 50 |
| 420 | College projects 4 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| 421 | Elective 4 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| Total marks for the examination | | | | | | | | | | 1050 |

Notes: Theory, internal sessional work, and external viva are considered as separate heads of passing

Total marks for the examination = 1050

Minimum marks for passing the examination= 525



AC 19-9-2013
Item No. – 4.19

UNIVERSITY OF MUMBAI



Syllabus for the Bachelor of Architecture

Programme : B. Arch.

**Bachelor of Architecture
(Semester V & VI)**

(As per Credit Based Semester and Grading System with
effect from the academic year 2014–2015)

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Scheme of Teaching and Examinations Bachelor of Architecture (B. Arch.) Semester V

| Sub. No. | Semester V Exam conducted by individual colleges | Teaching Scheme | | Credits | | |
|----------|---|-----------------|--------------------------------------|---------|--------|-------|
| | SUBJECTS | Lecture | Studio | Theory | Studio | Total |
| BARC 501 | Architectural Design Studio 5 | | 8 | | 8 | 8 |
| BARC 502 | Allied Design Studio 5 | | 3 | | 3 | 3 |
| BARC 503 | Architectural Building Construction 5 | 3 | 3 classes of technology studio | 3 | 1 | 4 |
| BARC 504 | Theory & Design of Structures 5 | 2 | | 2 | 1 | 3 |
| BARC 508 | Architectural Building Services 3 | 2 | | 2 | 1 | 3 |
| BARC 505 | Humanities 5 | 3 | | 3 | | 3 |
| BARC 507 | Architectural Representation & Detailing 5 | 2 | 2 | 2 | 2 | 4 |
| BARC 509 | Architectural Theory 3 | 2 | | 2 | | 2 |
| BARP 520 | College projects 5 | | 3 | | 3 | 3 |
| BARE 521 | Elective 5 | | 3 | | 3 | 3 |
| | Total | 14 | 22 | 14 | 22 | 36 |

| Sub. No. | Semester V Exam Exam conducted by individual colleges | Examination Scheme | | | |
|----------|--|---------------------------|----------|------------------|-------|
| | SUBJECTS | Theor y (paper) | Internal | External viva | Total |
| BARC 501 | Architectural Design Studio 5 | | 100 | 100 | 200 |
| BARC 502 | Allied Design Studio 5 | | 100 | | 100 |
| BARC 503 | Architectural Building Construction 5 | 50 | 50 | | 100 |
| BARC 504 | Theory & Design of Structures 5 | 50 | 50 | | 100 |
| BARC 508 | Architectural Building Services 3 | 50 | 50 | | 100 |
| BARC 505 | Humanities 5 | 50 | 50 | | 100 |
| BARC 507 | Architectural Representation & Detailing 5 | | 100 | | 100 |
| BARC 509 | Architectural Theory 3 | | 50 | | 50 |
| BARP 520 | College projects 5 | | 100 | | 100 |
| BARE 521 | Elective 5 | | 100 | | 100 |
| | Total | 200 | 750 | 100 | 1050 |

M...



Syllabus (Course Content) for Third year B. Arch. Course Semester V

501 Achitectural Design Studio 5

Credits-8

Teaching Hours

Lectures- -----

Studio- 144 periods of 50 minutes duration -120 hours

Sessional marks-

Internal- 100

External ---100

Course Objectives

- To understand the potential of urban land and optimization of spaces
- To understand architectural forms, and corresponding functions for different types of buildings.

Expected Course out come

Architecture for urban commercial, recreation, entertainment activities for large group of people with respect to following

- Development of appropriate architectural forms, their grouping and composition,
- Provision of spaces required for various activities.
- Provision of spaces for required infrastructure and services

•

502 Allied Design Studio 5

Credits-3

Teaching Hours

Lectures

Studio- 54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

The course content will be developed by the individual colleges as per their choice of Allied Design scheme.

Credits-3

503 Architectural Building construction 5

Credits-4



Teaching Hours-

Lectures-54 periods of 50 minutes duration- 45 hours

Studio- 54 periods of 50 minutes duration- 45 hours to be conducted as technology studio (out of which 15 hours are considered for credit calculations)

Scheme of examination

Theory: one paper of three hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50 marks

External ----

Building Skin in various light weight materials.

: Building Skin in various lightweight materials for Framed Structure

- Curtain walls with transoms, mullions and infilling panels of various materials
- Suspended glazing
- Composite panel cladding to the existing structure

Canopies in various materials.

Foundation Systems

Types of foundation systems,

Shallow foundations

Concept of Buoyant Foundation

Spread Foundation, its need and application

Raft Foundations of various types viz. Slab, Slab & Beam, and Cellular type

Foundation Walls

Column footings- Strip, Combined, and Cantilevered footings

Sessional work based upon above in the form of case studies, site visits, sketches, Drawings.

504 Theory and Design of structures 5

Credits 3

Teaching Hours

Lectures- 36 periods of 50 minutes duration- 30 hours

Studio- 54 periods of 50 minutes duration- 45 hours

(to be conducted as technology studio out of which 15hours are considered for credit calculations)

Scheme of examination

Theory -one paper of two hours duration Max. marks- 50 Min marks for passing- 20



Sessional marks-

Internal- 50

External ----

Theme- Structural steel design of primary elements

1. Understanding steel table and readily available steel sections in market.
2. Understanding connections
Riveted , welded, and bolted for steel framed building, trusses etc
3. Design of tension members in trusses
4. Design compression members in trusses and columns
5. Design of beams
6. Design of foundations, slab base, gusseted base and grillage

Sessional work based upon above .

505 Humanities 5**Credits 3****Teaching Hours**

Lectures- 54 periods of 50 minutes duration – 45 hours

Studio- -----

Scheme of examination

Theory -one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50

External -

Theme- Art and Architecture

Modern movements in art and architecture

Between the wars

After the wars

Architectural evolution influenced by developments in technology and structural systems

Postmodern (and late-modern) movements in art and architecture

Critical and philosophical influences on architecture after the 1980s

Critical regionalism

Deconstruction

Architectural and art trends in the first decade of the millennium

Art and architecture in India since independence

Modernism

Architecture for the State

Influence of Le Corbusier and Kahn

Indian modernists



The influence of Vistara and the validation of the vernacular
Critical regionalism

Architectural and art trends in the first decade of the millennium in India

507 Architectural Representation and detailing

Credits- 4

Teaching Hours

Lectures- 36 periods of 50 minutes duration-30 hours

Studio- 36 periods of 50 minutes duration – 30hours

Sessional marks-

Internal- 100

External ----

Theme-A.Quantity Surveying and Estimating
B.Specifications

Introduction:-Definition, Aim and object, Scope and importance of subject.

Types of Estimates- Approximate and Detailed.

Methods of Approximate Estimating – Built up or Carpet Area Method, Cubic Contents, Method and Numbers System, Current Rates in Bombay for Approximate Estimating.

Detailed Estimate on item rate basis- Quantities and Abstract of Estimate, Bill of Quantities of a Tender, Contingencies.

Rates for Civil work items- as per Municipal or P.W.D. Schedule Rates and Current market rates in Bombay, Units for rates.

Taking out quantities for civil works of Load Bearing structures and preparation of Abstract.

Taking out quantities for civil works of Load Bearing structures and preparation of Abstract.

Sessional Work based upon above topics.

B. Specifications

Importance of specification in the construction activities

Methods of drafting specifications with correct order and sequence

Types of specifications-detailed and brief, open and restricted, performance, and standard (Indian standard Specifications and P.W.D. specifications)

Language of specifications

Organization of project specifications

Sessional work

Brief specification of a building project



508 Architectural Building services 3

Credits 3

Teaching Hours

Lectures- 36 periods of 50 minutes duration- 30 hours

Studio- 54 periods of 50 minutes duration- 45 hours

(to be conducted as technology studio out of which 15hours are considered for credit calculations)

Scheme of examination

Theory: one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50 marks

External ----

Electricity

Lighting

Acoustics

Electrical services:

Basic concept of electricity: direct and alternating currents

Three phase and single phase supply

Electrical supply to sites and distribution to buildings

Electrical distribution within buildings

Electrical layouts for interior spaces

Open and concealed wiring

Types of wires

Wiring accessories

Concepts of electrical safety- Earthing, MCB, elcb, lightning conductor

Artificial lighting

Direct and indirect lighting

Types of lamps

Illumination levels

Acoustics-

concept and terminology

Room Acoustics

Propogation and reverberation of sound

Acoustics for lecture halls and Auditoriums

Sessional work based upon above.

509Architectural theories 3



Credits- 2

Teaching Hours

Lectures- 36 periods of 50 minutes duration – 30 hours

Studio- -----

Sessional marks-

Internal- 50 marks

External ---

RESEARCH AND CRITICISM

Objectives:

1. To understand the fundamentals of theoretical architectural research, its objectives and its essential methodologies.
2. To be able to build up from documentation and data collection to critical analysis and evaluation. Bloom's Taxonomy may be used by teachers to convey the various levels in research and evaluation to students.
3. To develop an attitude of Critical Thinking (reflective reasoning about beliefs and actions and ways of deciding whether a claim is always true, sometimes true, partly true, or false, from Robert Ennis) and its essential dimensions: the analysis, assessment, dispositions, skills and abilities and obstacles or barriers to critical thought (from criticalthinking.org)

Sessional Work: This semester small projects of research and reflective writing shall be undertaken by students to develop personal skills of research presentation and critical evaluation (using previously gained knowledge of referencing and citation). Students should be encouraged also to write pieces that are argumentative, and disputational to be able to convey with clarity and effectiveness alternative and individualistic thinking about architecture.

520 college projects 5

Teaching Hours-

54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

(to be developed by individual colleges)

The following is a representative list of what may constitute college projects:

Research and documentation, Seminars, Guest Lectures, putting up Exhibitions, Workshops, participating in Architectural Competitions or conducting Site Visits or Study Tours.

521 electives 5

Credits- 3

Teaching Hours

Studio- 54 periods of 50 minutes duration – 45 hours



Sessional marks-

Internal- 100

External -----

(to be developed by individual colleges)

Technology Studio

Credit and marks as per the scheme of examination for individual courses

Teaching Hours

Studio- 54 periods of 50 minutes duration – 45 hour

Objectives

Integration of courses

Combined studio time

Technology studio is the studio time for students where guidance for technical courses will be available.

Combined Studio classes to be used for Sessional work for individual courses as well as for integration of courses



**DETAILS OF SCHEME OF EXAMINATION
TO BE CONDUCTED BY COLLEGES.**

BACHELOR OF ARCHITECTURE: SEMESTER V

| SUB. NO. | COURSES | No of Papers | Duration | Max Marks | Min Marks for Passing | SESSIONAL MARKS | | | | Max Marks for the Course |
|--|--|--------------|----------|-----------|-----------------------|-----------------|----|----------|------|--------------------------|
| | | | | | | INTERNAL | | EXTERNAL | | |
| BARC 501 | Architectural Design 5 | --- | ---- | --- | --- | 100 | 50 | 100 | 50 | 200 |
| BARC 502 | Allied Design 5 | ---- | --- | --- | --- | 100 | 50 | --- | ---- | 100 |
| BARC 503 | Architectural Building Construction 5 | 1 | 3 HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| BARC 504 | Theory and Design of Structures 5 | 1 | 2HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| BARC 505 | Humanities 5 | 1 | 2HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| BARC 507 | Architectural Representation & Detailing 5 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| BARC 508 | Architectural Building Services 3 | 1 | 2HOURS | 50 | 20 | 50 | 25 | ---- | ---- | 100 |
| BARC 509 | Architectural Theory 3 | --- | --- | --- | --- | 50 | 25 | --- | --- | 50 |
| BARP 520 | College projects 5 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| BARE 521 | Elective 5 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| Total marks for the examination | | | | | | | | | | 1050 |

Notes: Theory, Internal sessional work, and External viva are considered as separate heads of passing

Total marks for the examination = 1050

Minimum marks for passing the examination= 525



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Scheme of Teaching and Examinations Bachelor of Architecture (B. Arch.)

Semester VI

| Semester VI Exam conducted by University of Mumbai | | Teaching Scheme | | Credits | | |
|---|--|-----------------|--------------------------------------|---------|--------|-------|
| Sub. No. | COURSES | Lecture | Studio | Theory | Studio | Total |
| BARC 601 | Architectural Design Studio 6 | | 8 | | 8 | 8 |
| BARC 602 | Allied Design Studio 6 | | 3 | | 3 | 3 |
| BARC 603 | Architectural Building Construction 6 | 3 | 3 classes of technology studio | 3 | 1 | 4 |
| BARC 604 | Theory and Design of Structures 6 | 2 | | 2 | 1 | 3 |
| BARC 608 | Architectural Building Services 4 | 2 | | 2 | 1 | 3 |
| BARC 605 | Humanities 6 | 3 | | 3 | | 3 |
| BARC 607 | Architectural Representation & Detailing 6 | | 6 | | 6 | 6 |
| BARP 620 | College projects 6 | | 3 | | 3 | 3 |
| BARE 621 | Elective 6 | | 3 | | 3 | 3 |
| | Total | 12 | 24 | 12 | 24 | 36 |

| Semester VI Exam conducted by University of Mumbai | | Examination Scheme | | | |
|---|--|--------------------|----------|------------------|-------|
| Sub. No. | COURSES | Theory (paper) | Internal | External viva | Total |
| BARC 601 | Architectural Design Studio 6 | | 100 | 100 | 200 |
| BARC 602 | Allied Design Studio 6 | | 100 | | 100 |
| BARC 603 | Architectural Building Construction 6 | 50 | 50 | | 100 |
| BARC 604 | Theory and Design of Structures 6 | 50 | 50 | | 100 |
| BARC 608 | Architectural Building Services 4 | 50 | 50 | | 100 |
| BARC 605 | Humanities 6 | 50 | 50 | | 100 |
| BARC 607 | Architectural Representation & Detailing 6 | | 100 | 100 | 200 |
| BARP 620 | College projects 6 | | 100 | | 100 |
| BARE 621 | Elective 6 | | 100 | | 100 |
| | Total | 200 | 700 | 200 | 1100 |

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Syllabus (Course Content) for Third year B. Arch. Course Semester VI

601 Architectural Design Studio 6

Credits-8

Teaching Hours

Lectures- -----

Studio- 144 periods of 50 minutes duration -120 hours

Sessional marks-

Internal- 100

External ---100

Course Objectives

- To understand nature of Urban institutions,
- To understand the context and character for urban institutions
- To understand requirement of architectural forms, spaces for corresponding activities

Course out come

- Architecture for enhancement of institutional character
- Design development and detailing for integration of infrastructure and building systems

602 Allied Design Studio 6

Credits-3

Teaching Hours

Lectures

Studio- 54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

The course content will be developed by the individual colleges as per their choice of Allied Design scheme.



603 Architectural Building Construction 6

Credits- 4

Teaching Hours

Lectures-54 periods of 50 minutes duration- 45 hours

Studio- 54 periods of 50 minutes duration- 45 hours to be conducted as technology studio (out of which 15 hours are considered for credit calculations)

Scheme of examination

Theory: one paper of three hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50 marks

External ----

RCC Floor system for large bay sizes

- Flat Slab Floor: Study of Plate slab, Plate slab with drops, and Plate slab with drops and column capitals
- Floors in One way and Two way ribbed slab, Waffle slab, Diagrid beam slab

Pre cast and Prefab building elements in various materials

- Pre cast floor system with RCC beams, RCC Channels, and infilling floor blocks of various materials
- Connections and assembly of various building elements (prefab walls, beams, columns, chajjas, staircase flights, floor units, etc.)

Sessional work based upon above.



604 Theory and Design of structures 6

Credits 3

Teaching Hours

Lectures- 36 periods of 50 minutes duration- 30 hours

Studio- 54 periods of 50 minutes duration- 45 hours

(to be conducted as technology studio out of which 15hours are considered for credit calculations)

Scheme of examination

Theory -one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50

External ----

1. Concrete technology as relevant to architecture

Aggregates that constitute making of concrete, types , source and availability, grades of concrete, purpose and types of additives to concrete , use and purpose of special cements , high strength concrete, transportation of concrete, placement of concrete, compaction and curing of concrete, ready mix and site mix concrete, durability of concrete, formwork for different components of rcc

2. Reinforced cement concrete of primary structural elements

Basic theory of flexure for singly and doubly reinforced sections

One way and two way slab systems and doglegged staircase

Rectangular beams

Rectangular, square & circular columns

Isolated pad, stepped & sloped footing

Precast concrete elements, its application and suitability

Steel – concrete composite construction in buildings – a very basic descriptive introduction. Encased concrete construction.

3. Rcc theory of grid floors

Rectangular grid

Dia-grid

4. Rcc theory of flat slab

I) with column capital and drop

ii) only drop

iii) flat plate

iv) an appreciation of the adoption of flat slab construction vis-à-vis beam / slab construction and vice-a-versa.

The above elements are to be taught with minimum calculations and with emphasis on making correct structural drawings and good structural planning leading



605 Humanities 6

Credits 3

Teaching Hours

Lectures- 54 periods of 50 minutes duration – 45 hours

Studio- -----

Scheme of examination

Theory -one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50

External -

Theme- Understanding Architecture with reference to social issues related to Urbanization

Urbanization at global level and in India.

Globalization and its effects on urban life

Major trends urbanization and Pace of urbanization in different parts of India

Changes in the pattern of urbanization in metro cities

Growth of smaller towns into cities, and its repercussions

Problem arising out of rapid urbanization

Genesis of Urbanization

Urban population growth due to natural increase of migration into urban areas,

Nature of issues related to urban migration

Work patterns in urban areas.

Urban issues to be studied with special reference to

Mumbai Metropolitan Region(MMR)

Preservation of Natural resources, natural heritage

Understanding Built heritage, and social- cultural heritage

Public spaces and public buildings with reference to accessibility, Gender, age

Transport and real Estate

Public Housing

Infrastructure development

Public Health problems



607 Architectural Representation and detailing

Credits- 6

Teaching Hours

Lectures- 36 periods of 50 minutes duration – 30 hours

Studio- 72 periods of 50 minutes duration -60 hours

Sessional marks-

Internal- 100

External ---100

Working Drawings

Working drawing of framed structure indicating following to appropriate scale

Foundation plan

Floor plans

Elevations and sections as necessary

Details for any three of following

Roofing system, walling system, staircase, flooring system, openings

608 Architectural Building services 4

Credits 3

Teaching Hours

Lectures- 36 periods of 50 minutes duration- 30 hours

Studio- 54 periods of 50 minutes duration- 45 hours

(to be conducted as technology studio out of which 15hours are considered for credit calculations)

Scheme of examination

Theory: one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50 marks

External ----

Theme- Fire protection for buildings

Services for high rise Buildings

Fire protection

Study of fire regulations, Code of safety

Combustibility and fire resistance of building materials

Design consideration for fire safety

Fire escape routes

Fire alarms and warning systems

Systems for fire protection and Fire fighting

Water supply for Fire fighting- Static tanks, Hydrants, Wet and dry riser, sprinklers

Services for high rise Buildings (Space and installation requirement)

Water supply for high rise buildings

Electrical distribution for high rise buildings

Vertical transportation system –

Lifts – carrying capacity and travel time, grouping of lifts- installation requirement

Escalators-Provision of space and installation requirement

Sessional work based upon the above topics.



620 college projects 6

Teaching Hours-

54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

(to be developed by individual colleges)

The following is a representative list of what may constitute college projects:

Research and documentation, Seminars, Guest Lectures, putting up Exhibitions, Workshops, participating in Architectural Competitions or conducting Site Visits or Study Tours.

621 electives 6

Teaching Hours

Studio- 54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

(to be developed by individual colleges)

Technology Studio

Credit and marks as per the scheme of examination for individual courses

Teaching Hours

Studio- 54 periods of 50 minutes duration – 45 hour

Objectives

Integration of courses

Combined studio time

Technology studio is the studio time for students where guidance for technical courses will be available.

Combined Studio classes to be used for Sessional work for individual courses as well as for integration of courses



**DETAILS OF SCHEME OF EXAMINATION
TO BE CONDUCTED BY UNIVERSITY OF MUMBAI**

BACHELOR OF ARCHITECTURE: SEMESTER VI

| SUB. NO. | COURSES | No of Papers | Duration | Max Marks | Min Marks for Passing | SESSIONAL MARKS | | Max Marks | Min Marks for Passing | Max Marks for the Course |
|--|--|--------------|----------|-----------|-----------------------|-----------------|----------|-----------|-----------------------|--------------------------|
| | | | | | | INTERNAL | EXTERNAL | | | |
| BARC 601 | Architectural Design 6 | --- | ---- | --- | --- | 100 | 50 | 100 | 50 | 200 |
| BARC 602 | Allied Design 6 | ---- | --- | --- | --- | 100 | 50 | --- | ---- | 100 |
| BARC 603 | Architectural Building Construction 6 | 1 | 3 HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| BARC 604 | Theory and Design of Structures 6 | 1 | 2HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| BARC 605 | Humanities 6 | 1 | 2HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| BARC 607 | Architectural Representation & Detailing 6 | --- | --- | --- | --- | 100 | 50 | 100 | 50 | 200 |
| BARC 608 | Architectural Building Services 4 | 1 | 2HOURS | 50 | 20 | 50 | 25 | ---- | ---- | 100 |
| BARP 620 | College projects 5 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| BARE 621 | Elective 6 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| Total marks for the examination | | | | | | | | | | 1100 |

Notes: Theory, Internal sessional work, and External viva are considered as separate heads of passing

Total marks for the examination = 1100

Minimum marks for passing the examination= 550



AC 19-9-2013
Item No. – 4.21

UNIVERSITY OF MUMBAI



Syllabus for the Bachelor of Architecture

Programme: B. Arch.

**Bachelor of Architecture
(Semester VII & VIII)**

(As per Credit Based Semester and Grading System with
effect from the academic year 2015–2016)

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Scheme of Teaching and Examinations Bachelor of Architecture (B. Arch.)

Semester VII

| Semester VII Exam conducted by college | | Teaching Scheme | | Credits | | |
|---|--|-----------------|--------------------------------------|---------|--------|-------|
| Sub. No. | COURSES | Lecture | Studio | Theory | Studio | Total |
| BARC 701 | Architectural Design Studio 7 | | 8 | | 8 | 8 |
| BARC 702 | Allied Design 7 | 2 | 2 | 2 | 2 | 4 |
| BARC 703 | Architectural Building Construction 7 | 3 | 3 classes of technology studio | 3 | 1 | 4 |
| BARC 704 | Theory and Design of Structures 7 | 2 | | 2 | 1 | 3 |
| BARC 708 | Architectural Building Services 5 | 2 | | 2 | 1 | 3 |
| BARC 707 | Architectural Representation & Detailing 7 | 2 | 3 | 2 | 3 | 5 |
| BARC 710 | Professional Practice 1 | 3 | | 3 | | 3 |
| BARP 720 | College projects 7 | | 3 | | 3 | 3 |
| BARE 721 | Elective 7 | | 3 | | 3 | 3 |
| | Total | 14 | 22 | 14 | 22 | 36 |

| Semester V II Exam conducted by college | | Examination Scheme | | | |
|--|--|--------------------|----------|------------------|-------|
| Sub. No. | COURSES | Theory (paper) | Internal | External viva | Total |
| BARC 701 | Architectural Design Studio 7 | | 100 | 100 | 200 |
| BARC 702 | Allied Design 7 | | 100 | | 100 |
| BARC 703 | Architectural Building Construction 7 | 50 | 50 | | 100 |
| BARC 704 | Theory and Design of Structures 7 | | 100 | | 100 |
| BARC 708 | Architectural Building Services 5 | 50 | 50 | | 100 |
| BARC 707 | Architectural Representation & Detailing 7 | | 100 | 100 | 200 |
| BARC 710 | Professional Practice 1 | 50 | 50 | | 100 |
| BARP 720 | College projects 7 | | 100 | | 100 |
| BARE 721 | Elective 7 | | 100 | | 100 |
| | Total | 150 | 750 | 200 | 1100 |

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Syllabus (Course Content) for Fourth Year B. Arch. Semester VII

701 Achitectural Design Studio 7

Credits-8

Teaching Hours

Lectures- -----

Studio- 144 periods of 50 minutes duration -120 hours

Sessional marks-

Internal- 100

External ---100

Theme- Housing

Course Objectives

- Understanding typologies of housing in Urban Areas.
- Understanding quantitative and qualitative aspects of mass housing.
- Under standing user aspirations and user affordability

Expected Course out come

Design of housing schemes in urban area, along with necessary infrastructure, services, and amenities.

702 Allied Design

Credits-4

Teaching Hours

Lectures 36 periods of 50 minutes duration – 30 hours

Studio- 54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

The course content will be developed by the individual colleges as per their choice of Allied Design scheme.

Suggested Themes: town planning, Urban Design, Housing



703 Architectural Building construction 7
Credits-4

Teaching Hours-

Lectures-54 periods of 50 minutes duration- 45 hours

Studio- 54 periods of 50 minutes duration- 45 hours to be conducted as technology studio
(out of which 15 hours are considered for credit calculations)

Scheme of examination

Theory: one paper of three hours duration Max. Marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50 marks

External ----

Basement and Deep Foundations:

Single and multi level basements for Parking and Services.

Deep foundations using Piles.

Introduction to High rise buildings:

High rise buildings in RCC and Steel frame of varying structures

The construction process of high rise buildings

Introduction Earthquake Resistant Construction:

Earthquake resistant construction for Load bearing and Framed structures



704 Theory and Design of structures 7

Credits 3

Teaching Hours

Lectures- 36 periods of 50 minutes duration- 30 hours

Studio- 54 periods of 50 minutes duration- 45 hours

(to be conducted as technology studio out of which 15hours are considered for credit calculations)

Scheme of examination

Theory ---

Sessional marks-

Internal- 100

External ----

1.introduction to design of deep foundation

It is to be taught with an emphasis on their suitability with respect to different types of buildings and soil conditions and structural drawings (no calculation)

2.combined footings

1 rectangular footing

2 trapezoidal footing

3 strip footing

4 raft footing

3.piles footings

Pre cast and cast in situ piles and pile caps

4. Retaining walls

5.earth quake resistant structure

6. Theory and principles of structural design of tall buildings.



707 Architectural Representation and detailing 7

Credits 5

Teaching Hours

Lectures- 36 periods of 50 minutes duration-30 hours

Studio- 54 periods of 50 minutes duration – 45hours

Sessional marks-

Internal- 100

External ----

Theme – Project Specifications

Building By laws and Approval Drawings

Project specifications

Detailed specifications of various work items for a structure from excavation up to finishing in super structure.

- 1.Excavation- filling, timbering, trenches
- 2.Brick Masonry-
3. Stone Masonary
- 4.specification for R.C.C. work including mixing, placing, curing of concrete
5. Specifications for Fabrication and assembly of structural steel frame buildings
6. Rendering and plastering
- 7.Floor finishes
- 8.wall finishes
9. flooring cast in situ including I.P.S., Terrazo
10. Roof finishes in tiles and roofing sheets

Sessional work – Project specification for a building to include above items.

Building by laws and Approval Drawings

- Introduction to Building bye laws and regulations- their need and relevance
- Study of National Building Code
- Implications of Development control rules for greater Mumbai as approved by Government of Maharashtra on contemporary growth of built environment of Mumbai.
- Calculations of built up area and F.S.I.
- Comprehensive study of Building Bye laws relating to the strength and stability of structures, bye-laws relating to light and ventilation, and sanitation of buildings.
- Various drawings required for approvals from Authorities, on the basis of by Development Control rules and by laws

Sessional work – Set of approval Drawings and reports.



708 Architectural Building services 5

Credits 3

Teaching Hours

Lectures- 36 periods of 50 minutes duration- 30 hours

Studio- 54 periods of 50 minutes duration- 45 hours

(to be conducted as technology studio out of which 15hours are considered for credit calculations)

Scheme of examination

Theory: one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50 marks

External ----

Theme- Heating, Ventilation, and Air conditioning

Comfort conditions- temperature control, Humidity control, air filtration, and air changes.

Heating of spaces- local and central heating- heating equipment

Thermal conductivity, and insulation.

Ventilation-

Mechanical ventilation in buildings-

Mechanical Ventilation in Basements

Fans, blowers, air filters

Air conditioning

Concept of refrigeration cycle, and air cycle

Systems of air conditioning- local and central

Duct work and air conditioning layouts

Fittings and fixtures

Sessional work

Case studies, market surveys, and drawings, based upon above.

710 Professional Practice 1

Credits- 3

Teaching Hours

Lectures- 54 periods of 50 minutes duration – 45hours

Studio- ----

Scheme of examination

Theory: one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50 marks

External ----

- **Introduction to Architectural profession,**
- **Role of professional bodies**



- Architect's Registration Act 1972
- The professional role, responsibilities, duties, liabilities of Architects
- Code of professional conduct
- Code relation to Architectural competition
- Copy-rights of drawings

Office

Office structures – Small practice, medium practice & Large practice.
Nature of partnership, registration of firm and dissolution

Office set up and administration

Task allocation – Work plans, monitoring the plans, review meetings, record keeping - -
Inward, Phone calls, Minutes of meeting, To do list, wish list-Time Management

Tenders

Types of tenders and tender document,
World Bank formats, Indian Banks Association guidelines, PWD, CPWD, Tender forms
Tender draft notices and inviting of tenders
Procedure for opening and selection of tenders
Qualification criteria, Bid capacity, freak rates, rate analysis..
Analysis and report to owner
Work order

Contract

Types of contracts and contract documents
Detailed knowledge about various conditions of contract as published by Indian Institute
of Architects and specially about
Earnest Money
Security Deposit
Retention Money
Mobilization Fund
Bank Guarantee
Architect's Instructions
Clerk of works
Variation and Extras
Defects after completion
Certificate and Payments
Insurance and fire insurance
Liquidate damage
Termination of Contract



720 college projects 7

Teaching Hours-

54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

(to be developed by individual colleges)

The following is a representative list of what may constitute college projects:

Research and documentation, Seminars, Guest Lectures, putting up Exhibitions, Workshops, participating in Architectural Competitions or conducting Site Visits or Study Tours.

721 electives 7

Credits- 3

Teaching Hours

Studio- 54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

(to be developed by individual colleges)

Technology Studio

Credits and marks as per the scheme of examination for individual courses

Teaching Hours

Studio- 54 periods of 50 minutes duration – 45 hour

Objectives

Integration of courses
Combined studio time

Technology studio is the studio time for students where guidance for technical courses will be available.

Combined Studio classes to be used for Sessional work for individual courses as well as for integration of courses



**DETAILS OF SCHEME OF EXAMINATION
TO BE CONDUCTED BY COLLEGES.**

BACHELOR OF ARCHITECTURE: SEMESTER VII

| SUB. NO. | COURSES | No of Papers | THEORY | | | SESSIONAL MARKS | | | | Max Marks for the Course |
|--|--|--------------|----------|-----------|-----------------------|-----------------|----|----------|------|--------------------------|
| | | | Duration | Max Marks | Min Marks for Passing | INTERNAL | | EXTERNAL | | |
| BARC 701 | Architectural Design 7 | --- | ---- | --- | --- | 100 | 50 | 100 | 50 | 200 |
| BARC 702 | Allied Design 7 | ---- | --- | --- | --- | 100 | 50 | --- | ---- | 100 |
| BARC 703 | Architectural Building Construction 7 | 1 | 3 HOURS | 50 | 20 | 50 | 25 | --- | --- | 100 |
| BARC 704 | Theory and Design of Structures 7 | ---- | --- | --- | --- | 100 | 50 | --- | ---- | 100 |
| BARC 707 | Architectural Representation & Detailing 7 | --- | ---- | --- | --- | 100 | 50 | 100 | 50 | 200 |
| BARC 708 | Architectural Building Services 5 | 1 | 2HOURS | 50 | 20 | 50 | 25 | ---- | ---- | 100 |
| BARC 710 | Professional Practice 1 | 1 | 2HOURS | 50 | 20 | 50 | 25 | ---- | ---- | 100 |
| BARP 720 | College projects 7 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| BARE 721 | Elective 7 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| Total marks for the examination | | | | | | | | | | 1100 |

Notes: Theory, Internal sessional work, and External viva are considered as separate heads of passing

Total marks for the examination = 1100

Minimum marks for passing the examination= 550



Scheme of Teaching and Examinations B.Arch Semester VIII

| Semester VIII Exam conducted by University of Mumbai | | Teaching Scheme | | Credits | | |
|---|-------------------------|-------------------------------------|--------|---------|--------|-------|
| Sub. No. | COURSE | Lecture | Studio | Theory | Studio | Total |
| BARC 810 | Professional Practice 2 | Professional training of - 16 weeks | | | | 16 |

| Semester V III Exam conducted by University of Mumbai | | Examination Scheme | | | |
|--|-----------------------|--------------------|----------|---------------|-------|
| Sub. No. | SUBJECTS | Theory (paper) | Internal | External viva | Total |
| BAR T 811 | Professional training | | | 200 | 200 |

DETAILS OF SCHEME OF EXAMINATION TO BE CONDUCTED BY UNIVERSITY OF MUMBAI

BACHELOR OF ARCHITECTURE: SEMESTER VIII

| SUB. NO. | COURSES | No of Papers | Duration | Max Marks | Min Marks for Passing | SESSIONAL MARKS | | | | Max Marks for the Course |
|----------|-----------------------|--------------|----------|-----------|-----------------------|-----------------|-----------------------|-----------|-----------------------|--------------------------|
| | | | | | | INTERNAL | | EXTERNAL | | |
| | | | | | | Max Marks | Min Marks for Passing | Max Marks | Min Marks for Passing | |
| BARCT811 | Professional Training | --- | ---- | --- | --- | --- | --- | 200 | 100 | 200 |

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Syllabus for Fourth Year B. Arch. Semester VIII

811 Professional Training

Credits-16

Teaching Hours

Lectures- -----

Studio- ----

Sessional marks-

Internal- ---

External ---200

Theme-Professional Training

During this term the students have to undergo training out-side the institute, in such offices / organizations as will give him/her the necessary opportunity to improve and consolidate his/her Architectural Knowledge.

During the practical training the student is expected to work in accordance with the discipline of the organization, and will have to make progress which will be carefully watched by the institution. The student will have to submit the a detailed report of the experience gained during the professional training.

Logbooks will have to be maintained by the students and counter signed by the principal of the firm , and also by the teacher in charge .

Pro forma for professional experience

Academic year

Name of the student -

Name of the office / organization with address

Registration details

Date of Joining:

Date of leaving:

Employers report: Brief Details of the experience gained by the student stating the nature of work

Signature of
The employer

Signature of
Professor In charge



UNIVERSITY OF MUMBAI



Syllabus for the Bachelor of Architecture

Programme : B.Arch.

**Bachelor of Architecture
(Semester IX & X)**

(As per Credit Based Semester and Grading System with
effect from the academic year 2016-17)

Am..



Scheme of Teaching and Examinations Bachelor of Architecture (B. Arch.)

Semester IX

| Semester IX Exam conducted by college | | Teaching Scheme | | Credits | | |
|--|---------------------------------------|-----------------|--------------------------------------|-----------|-----------|-----------|
| Course code | Courses | Lecture | Studio | Theory | Studio | Total |
| BARC 901 | Architectural Design Studio 8 | | 8 | | 8 | 8 |
| BARC 902 | Allied Design Studio 8 | 2 | 3 | 2 | 3 | 5 |
| BARC 903 | Architectural Building Construction 8 | 2 | 2 classes of technology studio | 2 | 1 | 3 |
| BARC 904 | Theory and Design of Structures 8 | 1 | | 1 | 1 | 2 |
| BARC 908 | Architectural Building Services 6 | 1 | 2 classes of technology studio | 1 | 1 | 2 |
| BARC 906 | Environmental studies 4 | 2 | | 2 | 1 | 3 |
| BARC 910 | Professional practice 2 | 3 | | 3 | | 3 |
| BARD 911 | Design Dissertation 1 | 1 | 3 | 1 | 3 | 4 |
| BARE 921 | Elective 8 | | 3 | | 3 | 3 |
| BARE 922 | Elective 9 | | 3 | | 3 | 3 |
| | Total | 14 | 22 | 14 | 22 | 36 |

| Semester IX Exam conducted by college | | Examination Scheme | | | |
|--|---------------------------------------|--------------------|------------|---------------|-------------|
| Course code | courses | Theory (paper) | Internal | External viva | Total |
| BARC 901 | Architectural Design Studio 8 | | 100 | 100 | 200 |
| BARC 902 | Allied Design Studio 8 | 50 | 50 | | 100 |
| BARC 903 | Architectural Building Construction 8 | | 100 | | 100 |
| BARC 904 | Theory and Design of Structures 8 | | 50 | | 50 |
| BARC 908 | Architectural Building Services 6 | | 50 | | 50 |
| BARC 906 | Environmental studies 4 | | 100 | | 100 |
| BARC 910 | Professional practice 3 | 50 | 50 | | 100 |
| BARD 911 | Design Dissertation 1 | | 50 | 50 | 100 |
| BARP 921 | Elective 8 | | 100 | | 100 |
| BARE 922 | Elective 9 | | 100 | | 100 |
| | Total | 100 | 650 | 150 | 1000 |



Syllabus (Course Content) for final year B. Arch. programme Semester IX

901 Achitectural Design Studio 8

Credits-8

Teaching Hours

Lectures- -----

Studio- 144 periods of 50 minutes duration -120 hours

Scheme of examination

Theory: -----

Sessional marks-

Internal- 100

External ---100

Course Objectives

Collection and analysis of data related to Design topic.
Application of technical knowledge to design detailing
Understanding impact of socio economic factors on user requirements
Study of climatic conditions, Site analysis, site planning
Understanding traffic patterns and transportation.

Expected Course out come

Architecture for urban commercial, transportation, recreation, entertainment activities for masses with respect to following

- Development of appropriate architectural forms, their grouping and composition,
- Architectural detailing.
- Provision of required infrastructure and services
- Design of complex/ multifunctional buildings and surrounding spaces

902 Allied Design Studio 8

Credits-5

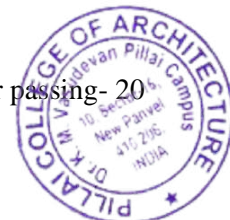
Teaching Hours

Lectures- 36 classes of 50 minutes duration – 30hours

Studio- 54 periods of 50 minutes duration -45 hours

Scheme of examination

Theory: one paper of two hours duration Max. marks- 50 Min marks for passing- 20



Sessional marks-

Internal- 50 marks

External ----

The course content will be developed by the individual colleges as per their choice of Allied Design scheme.

Suggested Themes: Town planning, Urban Design, Housing, Environmental design

903 Architectural Building construction 8**Credits-3**

Lectures-36 periods of 50 minutes duration- 30 hours

Studio- 18 periods of 50 minutes duration- 15 hours

(to be conducted as a part of technology studio of 36 periods of 50 minutes duration – 30 hours)

Scheme of examination

Theory: -----

Sessional marks-

Internal- 100 marks

External ----

Long span structures, Long span beams, Long span Trusses & Roof structures.

Long span Arches,

Cable structures,

Folded Plate structures, and Space frames,

Shell structures.

904 theory and Design of Structures 8**Credits-2**

Lectures-18 periods of 50 minutes duration- 15 hours

Studio- 18 periods of 50 minutes duration- 15 hours

(to be conducted as a part of integrated studio of 36 periods of 50 minutes duration – 30 hours)

Scheme of examination

Theory: -----

Sessional marks-

Internal- 100 marks

External ----

1. Long span structures

Long span beams, Long span Trusses & Roof structures.

Long span Arches,

2. Cable supported structures



3. Folded Plate structures, Shell structures.
4. Space frames
5. Portal frames
6. Pre-stressed Concrete, Pre-stressing and its applications to buildings, Principles of Pre-tensioning & Post-tensioning

Sessional work based upon above.

906 Environmental Studies 4 **Credits-3**

Lectures-36 periods of 50 minutes duration- 30 hours
Studio- 18 periods of 50 minutes duration- 15 hours
(to be conducted as a part of technology studio of 36 periods of 50 minutes duration – 30 hours)

Scheme of examination

Theory: -----

Sessional marks-

Internal- 100 marks

External ----

Objective: To study and understand sustainable building design processes

1. Concepts of Sustainable Building

Social, Economic and Environmental aspects
Different types of Indian and International Rating Systems (GRIHA, LEED, IGBC, Eco Housing, BREEAM, CASBEE, etc)

2. Studying the Nation Building Code (NBC 2005) code with respect to the Chapter 11 on Sustainability

3. Energy Efficiency

Energy Efficient Design (Achieving Efficiency through design)
Energy Conservation Building Codes (ECBC) Codes 2007
Learning Different Energy Simulation Techniques (Energy / Lighting)
Advanced Energy Efficient Standards and Systems
HVAC
Lighting
Appliances and Equipments
Building Envelope

Understanding and calculation of energy consumption of a House, office building



4. Water Efficiency

Water and Waste Water Management (Study of Water Balancing)

Rain Water Harvesting

Efficient waste water treatment techniques (DEWATS, MBR, MBBR etc)

Efficient Water Fixtures

5. Material Efficiency

Understanding various parameters for Sustainable Building Materials and evaluate using LCA (ISO 14000)

6. Solid Waste Management

Sessional work based upon above in form of case studies, report, presentations.

908 Architectural Building services 6

Credits-2

Teaching Hours

Lectures-18 periods of 50 minutes duration- 15 hours

Studio- 18 periods of 50 minutes duration- 15 hours

(to be conducted as a part of technology studio of 36 periods of 50 minutes duration – 30 hours)

Scheme of examination

Theory: -----

Sessional marks-

Internal- 50

External ---

Theme:

Integrated services

Specialized Services required for specific functions/ building types (for example hospitals, hotels, auditorium)

Specialized services as per climatic conditions

Building management systems

Infrastructure and amenities for public spaces

Sessional work: Reports and Case studies related to Thesis topic.

910 Professional Practice 2



Credits-3

Teaching Hours

Lectures- 54 classes of 50 minutes duration – 45 hours

Studio- -----

Scheme of examination

Theory: one paper of two hours duration Max. marks- 50 Min marks for passing- 20

Sessional marks-

Internal- 50 marks

External ----

Instructions in the following should be such as to understand the purpose and implication of its application, instructions to the students should be general without going too much in detail in legal aspects.

Acquisition

General principles of land acquisition with reference to norms of compensation.

Purpose of acquisition

Valuation

Elements of valuation- market value methods of valuation specially income capitalization technique and physical method of valuation

Elementary examples including one for ownership flats and premises, Building up or determining rate of capitalization based on gilt-edged theory and general investment market theory.

Valuer and his/her function including registration

Meaning of immovable property- ownership and possession.

Joint tenancies and tenancy in common- types of tenure with special reference to freehold and leasehold tenure.

Different types of tenures of land- as commonly found- leasehold and freehold and lease and other rents.

Rent- different types of rent- standard rent, example on working out of standard rent. Ratable value and its relation to rent- nature and purpose of ratable value. Rent control act

Definition of property- ownership and possession- Joint tenancies and tenancy in common- types of tenure with special reference to freehold and leasehold tenure.

Principle types of landed properties- their outgoings calculation of rented value and not income market value.

Principles governing the rate of interest required for different types and class of properties- gilt edged securities.

Valuation



Ownership basis flats
Use in practice(Construction is not contemplated)
Gross annual value ratable value and their application

Dilapidation
Procedure for preparing report and schedule of dilapidations
Settlement of claims
Law related to structural and general repairs

Fire Insurance
Insurance policy and cover note
Fire loss assessment claim and report
Insurable value of the property.

Easement of Light, Ventilation and Access.

Sessional work based on above

911 Design Dissertation 1

Credits-4

Teaching Hours

Lectures- 18 classes of 50 minutes duration – 15hours
Studio- 54 classes of 50 minutes duration – 45 hours

Scheme of examination

Theory: -----

Sessional marks-

Internal- 50 marks External viva – 50 marks (in the beginning of semester 10)

Students are required to choose a topic and conduct research under the guidance of internal teachers. They are required to submit a report to in the given format.

The report should include

Title and description of the topic

Justification for Architectural intervention in context.

Back ground study

Review of related literature

Analysis of terms

Methodology of study (Survey, Case studies, project reviews)

Findings and analysis based on the methodology

Design objectives based upon the findings, and development of design brief

Site selection criteria



Description of the site

Site analysis to include local Architectural context, and socio economic conditions.

Climatic and environmental conditions, and prevalent bylaws.

921 Elective 8

Credits- 3

Teaching Hours

Studio- 54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

The electives are to be offered by individual colleges based upon current issues in Architecture and Urbanity

922 Elective 9

Credits- 3

Teaching Hours

Studio- 54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

The elective can be chosen by individual students based upon the topic related to Design Dissertation, under the guidance of internal teacher / guide.



DETAILS OF SCHEME OF EXAMINATION SEMESTER IX

**BACHELOR OF ARCHITECTURE: SEMESTER IX EXAMINATION
TO BE CONDUCTED BY COLLEGES.**

| SUB. NO. | COURSES | No of Papers | Duration | Max Marks | Min Marks for Passing | SESSIONAL MARKS | | | | Max Marks for the Course |
|--|---------------------------------------|--------------|----------|-----------|-----------------------|-----------------|----------|----------|----------|--------------------------|
| | | | | | | INTERNAL | EXTERNAL | INTERNAL | EXTERNAL | |
| BARC 901 | Architectural Design 8 | --- | ---- | --- | --- | 100 | 50 | 100 | 50 | 200 |
| BARC 902 | Allied Design 8 | 1 | 2HOURS | 50 | 20 | 50 | 25 | ---- | ---- | 100 |
| BARC 903 | Architectural Building Construction 8 | ---- | --- | --- | --- | 100 | 50 | | | 100 |
| BARC 904 | Theory and Design of Structures 8 | ---- | --- | --- | --- | 50 | 25 | --- | ---- | 50 |
| BARC 906 | Environmental studies 4 | --- | ---- | --- | --- | 100 | 50 | ---- | ---- | 100 |
| BARC 908 | Architectural Building Services 6 | --- | ---- | --- | --- | 50 | 25 | | | 50 |
| BARC 910 | Professional Practice 2 | 1 | 2HOURS | 50 | 20 | 50 | 25 | ---- | ---- | 100 |
| BARD 912 | Design Dissertation 1 | ---- | --- | --- | --- | 50 | 25 | 50 | 25 | 100 |
| BARE 921 | Elective 8 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| BARE 921 | Elective 9 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| Total marks for the examination | | | | | | | | | | 1000 |

Notes: Theory, Internal sessional work, and External viva are considered as separate heads of passing

Total marks for the examination = 1000

Minimum marks for passing the examination= 500



Scheme of Teaching and Examinations Bachelor of Architecture (B. Arch.)

Semester X

| Semester X Exam conducted by University of Mumbai | | Teaching Scheme | | Credits | | |
|--|--|-----------------|--------------------------------------|---------|--------|-------|
| COURSE CODE. | COURSES | Lecture | Studio | Theory | Studio | Total |
| BARC 1006 | Environmental studies 5 (Building sciences and sustainability) | 2 | 8 classes of technology studio | 2 | 1 | 3 |
| BARC 1007 | Architectural representation & detailing 9 | | | 6 | 6 | |
| BARC 1012 | Advanced Building Construction and structures | 2 | | 2 | 1 | 3 |
| BARC 1009 | Advanced Theories 4 | | | 2 | | 2 |
| BARC 1010 | Professional Practice 3 | 2 | | 2 | | 2 |
| BARD 1011 | Design Dissertation 2 | | 16 | | 16 | 16 |
| BARE 1021 | Elective 10 | | 4 | | 4 | 4 |
| | Total | 2 | 34 | 2 | 34 | 36 |

| Semester X Exam conducted by University of Mumbai | | Examination Scheme | | | |
|--|--|--------------------|----------|---------------|-------|
| COURSE CODE | COURSES | Theory (paper) | Internal | External viva | Total |
| BARC 1006 | Environmental studies 5 (Building sciences and sustainability) | | 100 | | 100 |
| BARC 1007 | Architectural representation & detailing 9 | | 100 | 100 | 200 |
| BARC 1012 | Advanced Building Construction and structures | | 100 | | 100 |
| BARC 1009 | Architectural Theories 4 | | 50 | | 50 |
| BARC 1010 | Professional Practice 3 | | 50 | | 50 |
| BARD 1011 | Design Dissertation 2 | | 200 | 200 | 400 |
| BARE 1021 | Elective 9 | | 100 | | 100 |
| | Total | | 700 | 300 | 1000 |



Syllabus (Course Content) for final year B. Arch. programme Semester X

1006Environmental Studies 5

Credits-3

Lectures-36 periods of 50 minutes duration- 30 hours

Studio- 18 periods of 50 minutes duration- 15 hours

(to be conducted as a part of technology studio of 144 periods of 50 minutes duration – 120 hours)

Scheme of examination

Theory: -----

Sessional marks-

Internal- 100 marks

External ----

Objective: To evaluate and apply sustainable building strategies over design.

- 1. Post occupancy evaluation of case studies of student's thesis work.**
- 2. Urban sustainability**
- 3. Impacts of built environment on its surroundings.**

1007Architectural Representation and detailing 8

Credits 6

Teaching Hours

Studio-108 periods of 50 minutes- 90 hours.

(to be conducted as a part of technology studio of 144 periods of 50 minutes duration – 120 hours)

Scheme of examination

Theory: -----

Sessional marks-

Internal- 100

External ---100

External viva will be conducted simultaneously for Design dissertation and design detailing

Students are required to submit a report to describe :

Structural system

Method of construction and materials

Active and passive Systems related to building sciences and environment protection

Required Drawings :

Detailed sections showing structural system



Schematic plan of design with services

Students are encouraged to detail out any significant part of their design under supervision of guides.

1012 Advanced Building construction and structures **Credits-3**

Lectures-36 periods of 50 minutes duration- 30 hours

Studio- 18 periods of 50 minutes duration- 15 hours

(to be conducted as a part of technology studio of 144 periods of 50 minutes duration – 120 hours)

Scheme of examination

Theory: -----

Sessional marks-

Internal- 100 marks

External ----

1. Study of various Structural systems and methods of construction
2. selection criteria of structural system and method of construction for building types
3. Intelligent structures and control of structural response

Sessional work – Case studies, reports

Applications- structural and construction details for design Dissertation projects



1009 Architectural Theories 4

Credits-2

Lectures-36 periods of 50 minutes duration- 30 hours
Studio -----

Scheme of examination

Theory: -----

Sessional marks- 50

Advanced Theories

Theory is an integral aspect of cultural analysis of which architecture is central. Significant inputs to current architectural theory have been from disciplines outside architecture that have made thinking richer and more relevant. Architectural Theory today is multi-disciplinary in nature, and this has significant bearing on architectural design.

The objective of learning in this semester is to make students aware of the current discourses in architecture through a direct interaction with architectural thinking and ideas. It is to make comprehensible the evolution of ideas in architecture, especially after the modernist era. Students should be provided readings, and discussions on both the ideas and the language of theory are encouraged, using actual examples of architecture. Sessional work should include writing about architecture, becoming conversant with the current language of theory and gaining an insight and sensitivity to architectural thinking that influences architectural practice today.

1.0 What are the current discourses in architecture today?

Understanding the effects of contemporary thought in society and culture today, and its impact on architectural design. Understanding theory as an academic discipline.

2.0 Tracing the rise of theory in architecture and culture after modernism. The significance of post-modern and post-millennial discourses in architecture. Developing a post-modern world view.

3.0 The multi-disciplinary approach: Understanding ideas from outside architecture that have informed current architectural discourse- from philosophy, sociology, linguistics, psychology, feminism, post-colonial studies, information technology, art, cultural and critical theory, etc. (Teachers may choose significant disciplines from which writings can be discussed)

4.0 Describing through theoretical discourse the post-millennial world we live in and the impact of architecture in our world today.



1010 Professional Practice

Credits-3

Lectures-36 periods of 50 minutes duration- 30 hours

Studio-

Scheme of examination

Theory: -----

Sessional marks-

Internal- 50 marks

External ----

Professional and legal responsibilities of Architects

Arbitration clause.

Arbitration, Conciliation and Mediation.

Arbitration proceedings and Awards.

Duties and liabilities in profession.

Legal responsibility of architect to Employer.

Government bodies and local bodies.

Express and implied authority of the Architect.

Architect's relationship with the Client and the Contractor.

Duration of liability.

Consumer Protection Act 1986.

All Acts related to non agricultural lands in relation to Building activities related to regions such as M.R.T.P, M.H.A.D.A and M.M.R.D.A. acts

Environmental policy and laws related to protection of environment.



1011 Design Dissertation

Credits-16

Lectures-----

Studio- 288periods of 50 minutes duration -240 hours

Scheme of examination

Theory: -----

Sessional marks-

Internal- 200marks

External -200

External viva will be conducted simultaneously for Design dissertation and design detailing

Students are required to develop the design as per the design objectives and design brief submitted in the report.

Drawings should include location plan, site plan, detailed floor plans, elevations, views and large scale sections.

1022 Elective 10

Credits- 3

Teaching Hours

Studio- 54 periods of 50 minutes duration – 45 hours

Sessional marks-

Internal- 100

External -----

The elective can be chosen by individual students under the guidance of internal teacher

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DETAILS OF SCHEME OF EXAMINATION SEMESTER X

| BACHELOR OF ARCHITECTURE: SEMESTER X EXAMINATION TO BE CONDUCTED BY UNIVERSITY OF MUMBAI | | | | | | | | | | |
|---|---|---------------|----------|-----------|-----------------------|------------------------|-----------------------|-----------|-----------------------|--------------------------|
| | Semester X Exam conducted by University of Mumbai | THEORY | | | | SESSIONAL MARKS | | | | |
| | | | | | | INTERNAL | | EXTERNAL | | |
| COURSE CODE | COURSES | No of Papers | Duration | Max Marks | Min Marks for Passing | Max Marks | Min Marks for Passing | Max Marks | Min Marks for Passing | Max Marks for the Course |
| BARC 1006 | Environmental studies 5 | --- | ---- | --- | --- | 100 | 50 | ---- | ---- | 100 |
| BARC 1007 | Architectural Representation & Detailing 8 | ---- | --- | --- | --- | 100 | 50 | 100 | 50 | 200 |
| BARC 1009 | Architectural Theories 4 | | | | | 50 | | | | 50 |
| BARC 1010 | Professional Practice 3 | | | | | 50 | | | | 50 |
| BARC 1012 | Advanced Building Construction and structures | ---- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| BARD 1011 | Design Dissertation 2 | ---- | --- | --- | --- | 200 | 100 | 200 | 100 | 400 |
| BARE 1021 | Elective 10 | --- | --- | --- | --- | 100 | 50 | --- | --- | 100 |
| | Total marks for the examination | | | | | | | | | 1000 |

Notes: Theory, Internal sessional work, and External viva are considered as separate heads of passing

Total marks for the examination = 1000

Minimum marks for passing the examination= 500

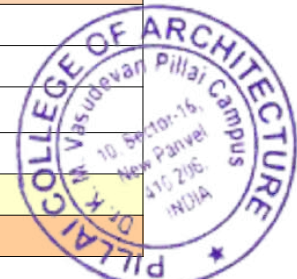


MES PILLAI COLLEGE OF ARCHITECTURE

NEW PANVEL

AY 2023-24 Calendar - TERM I

| June | July | August | September | October | November | December |
|---|---|---|--|--|----------|--|
| 1 Th | 1 Sa | 1 Tu | 1 Fr | 1 Su SWACHHATA CAMPAIGN | 1 We | 1 Fr FACULTY MEETING |
| 2 Fr ELECTIVES CHOICE FORMS | 2 Su | 2 We | 2 Sa | 2 Mo GANDHI JAYANTI | 2 Th | 2 Sa |
| 3 Sa | 3 Mo | 3 Th STRESS AND TIME MANAGEMENT - YVETTE LEE LECTURE | 3 Su | 3 Tu SEM I B.Arch. Commences; TOS Guest Lect by Mr. Sheikh; Foundations to Skyline Workshop - Surface Development and 3D Composition | 3 Fr | 3 Su |
| 4 Su | 4 Tu | 4 Fr SENATE GENERAL BODY MEETING; T-SHIRT DISTRIBUTION FOR MES STAFF | 4 Mo CAREER GUIDANCE FOR 12TH STUDENTS AT CAMPUS | 4 We Foundations to Skyline Workshop - 3D Impressions | 4 Sa | 4 Mo MENTORS ORIENTATION - STUDENTS' PSYCHOLOGY - YVETTE, TOUR DOCUMENTATION WEEK - II and III yr. |
| 5 Mo COLLEGE REOPENS; ELECTIVES CHOICE FORMS; PP DOCUMENTS GOOGLE FORM | 5 We ANISH KINI LECT | 5 Sa | 5 Tu TEACHERS DAY / ALUMNI TALKS - VINAY DEGAONKAR LECTURE | 5 Th Foundations to Skyline Workshop - Architectural Vogue; STUDENTS' FEEDBACK FORM | 5 Su | 5 Tu |
| 6 Tu ELECTIVES ALLOTTMENT; STRESS MANAGEMENT WORKSHOP COMMENCES | 6 Th | 6 Su | 6 We HAEMOGLOBIN TESTING CAMP | 6 Fr TERM ENDS for sem V, VII, IX; Foundations to Skyline Workshop - Freehand sketching and Still Life Art | 6 Mo | 6 We |
| 7 We HORIZONTAL AND VERTICAL INTEGRATION MEETINGS; | 7 Fr SEM VII YMCA SITE VISIT; ERANNA YEKBOTE ALUMNI TALKS | 7 Mo | 7 Th | 7 Sa | 7 Tu | 7 Th |
| 8 Th TREE PLANTATION - WORLD ENV DAY | 8 Sa | 8 Tu | 8 Fr | 8 Su | 8 We | 8 Fr IQAC WORKSHOP |
| 9 Fr IQAC WORKSHOP; FEEDBACKS REVIEW; STUDENTS WORK EXHIBITION | 9 Su | 9 We AMRUT KAAL KE PANCH PRAN | 9 Sa RCC Lab Testing at HOC Lab | 9 Mo INTERNAL MARKS SUBMISSION; DESIGN DOSSIER WORKSHOP - 5 DAYS | 9 Th | 9 Sa |
| 10 Sa | 10 Mo SEM II EXAMS; BRIDGE TO NATURE COMPETITION PARTICIPATION | 10 Th | 10 Su | 10 Tu First Year Induction day; 76 Architects Exhibition; Emerging visions in Architecture Exhibition | 10 Fr | 10 Su |
| 11 Su | 11 Tu SEM II EXAMS | 11 Fr FRIENDSHIP DAY CELEBRATION | 11 Mo TENTAIVE ATKT EXAMS | 11 We AMRUT KALASH INITIATIVE | 11 Sa | 11 Mo |
| 12 Mo HORIZONTAL AND VERTICAL INTEGRATION MEETINGS to happen in this week | 12 We SEM II EXAMS; SEM VII SITE VISIT | 12 Sa | 12 Tu KESHAV CHIKODI - VALUATION LECTURE | 12 Th | 12 Su | 12 Tu |
| 13 Tu PP JURY; PROJECT MANAGEMENT WORKSHOP COMMENCES | 13 Th SEM II EXAMS | 13 Su | 13 We | 13 Fr DESIGN DOSSIER WORKSHOP - DAY 5 | 13 Mo | 13 We |
| 14 We | 14 Fr SEM II EXAMS; ELECTIVES FORM; CIDCO - AVINASH SHABADE LECT FOR MARCH. | 14 Mo | 14 Th | 14 Sa Term Ends for Sem III | 14 Tu | 14 Th |
| 15 Th | 15 Sa | 15 Tu INDEPENDENCE DAY | 15 Fr Nurturing Nature Activity; CLEAN AIR FOR BLUE SKIES | 15 Su | 15 We | 15 Fr |
| 16 Fr | 16 Su | 16 We PATETI | 16 Sa | 16 Mo REGULAR EXAMS SEM III, V, VII, IX | 16 Th | 16 Sa |
| 17 Sa | 17 Mo SEM III COMMENCES; ELECTIVES ALLOTTMENT | 17 Th | 17 Su | 17 Tu | 17 Fr | 17 Su |
| 18 Su | 18 Tu ARCHITECTURE THROUGH LENS OF GEOMETRY WORKSHOP OF DAYS COMMENCES | 18 Fr FITNESS DAY; ENVISAGE COMPETITION PARTICIPATION | 18 Mo | 18 We | 18 Sa | 18 Mo |
| 19 Mo | 19 We | 19 Sa WORLD PHOTOGRAPHY DAY | 19 Tu GANESH CHATURTHI | 19 Th | 19 Su | 19 Tu |
| 20 Tu | 20 Th | 20 Su | 20 We | 20 Fr Vachan Prerana Diwas Celebration | 20 Mo | 20 We |
| 21 We YOGA DAY; INTERNATIONAL MUSIC DAY; THESIS FORUM | 21 Fr | 21 Mo | 21 Th | 21 Sa TENTAIVE MID-TERM BREAK | 21 Tu | 21 Th |
| 22 Th | 22 Sa EARTHQUAKE RESISTANT PRACTICES WORKSHOP AT IIT KANPUR | 22 Tu | 22 Fr | 22 Su | 22 We | 22 Fr |
| 23 Fr | 23 Su | 23 We | 23 Sa | 23 Mo | 23 Th | 23 Sa |
| 24 Sa | 24 Mo | 24 Th AKSHAY URJA DIWAS - SHIRGAONKAR LECTURE; IQAC MEETING - REVIEWING OF ACTIVITIES AND ACADEMICS | 24 Su | 24 Tu | 24 Fr | 24 Su |
| 25 Su | 25 Tu | 25 Fr ONAM CELEBRATION | 25 Mo | 25 We Sem VII ARD Jury, Sem III - AD Jury | 25 Sa | 25 Mo |
| 26 Mo MUMBAI PUNE EXPRESSWAY SITE VISIT | 26 We | 26 Sa WORLD PHOTOGRAPHY DAY - EXPERT LECTURE | 26 Tu | 26 Th Sem VII AD Jury; Sem V AD Jury | 26 Su | 26 Tu |
| 27 Tu | 27 Th | 27 Su | 27 We | 27 Fr COURSE REPORT SUBMISSIONS; MARK REVIEW MEETINGS | 27 Mo | 27 We |
| 28 We | 28 Fr | 28 Mo | 28 Th | 28 Sa ANANT CHATURDASHI; EID-E-MILAD | 28 Tu | 28 Th |
| 29 Th BAKRI EID | 29 Sa MOHARRAM | 29 Tu | 29 Fr | 29 Su THESIS FORUM; 1st yr commences | 29 We | 29 Fr |
| 30 Fr SEM II ENDS; MINIMUM DWELLINGS COMPETITION PARTICIPATION | 30 Su | 30 We ROLINS ACOUSTICS LECTURE; BUILDING FAÇADE SYSTEM GUEST LECTURE | 30 Sa | 30 Mo | 30 Th | 30 Sa |
| | 31 Mo | 31 Th RAKHI WITH KHAKI; PHOTOGRAPHY COMPETITION RESULTS DECLARATION | | 31 Tu Sem IX DD Jury | | 31 Su |

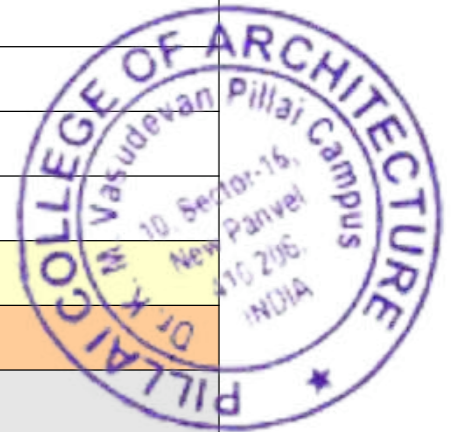


MES PILLAI COLLEGE OF ARCHITECTURE

NEW PANVEL

AY 2023-24 Calendar - TERM II

| December | | January | | February | | March | | April | | May | | June | |
|----------|---|---------|---|----------|----------------------------------|-------|---------------|-------|--|-------|--------------------|-------|-----------------|
| 1 Fr | 2nd yr Study tour returns | 1 Mo | New Year's Day | 1 Th | Tentative First Year Tour | 1 Fr | FAREWELL | 1 Mo | | 1 We | MAHARASHTRA DIN | 1 Sa | |
| 2 Sa | 3rd Yr Study Tour returns | 2 Tu | SEM I - FORM FILLING | 2 Fr | WORLD WETLANDS DAY | 2 Sa | | 2 Tu | MARK REVIEW MEETINGS | 2 Th | SUMMER VACATION | 2 Su | |
| 3 Su | | 3 We | SEM I UD JURY | 3 Sa | | 3 Su | | 3 We | | 3 Fr | | 3 Mo | COLLEGE REOPENS |
| 4 Mo | FACULTY MEETING, TOUR DOCUMENTATION WEEK - II and III yr. | 4 Th | | 4 Su | | 4 Mo | KT EXAMS | 4 Th | | 4 Sa | | 4 Tu | |
| 5 Tu | MENTORS ORIENTATION - STUDENTS' PSYCHOLOGY - YVETTE; UNIV KT Juries | 5 Fr | | 5 Mo | 1ST YR TOUR DOCUMENTATION WEEK | 5 Tu | | 5 Fr | | 5 Su | | 5 We | |
| 6 We | M.Arch. 6 days Workshop; UNIV KT Juries | 6 Sa | | 6 Tu | | 6 We | | 6 Sa | | 6 Mo | | 6 Th | |
| 7 Th | | 7 Su | | 7 We | | 7 Th | | 7 Su | | 7 Tu | | 7 Fr | |
| 8 Fr | IQAC WORKSHOP; Haemoglobin Testing Follow up camp | 8 Mo | SEM I EXAMS (B.ARCH AND M.ARCH) | 8 Th | | 8 Fr | MAHASHIVRATRI | 8 Mo | Tentative Univ Sem VI theory exams; ALL SEMESTER EXAMS | 8 We | | 8 Sa | |
| 9 Sa | | 9 Tu | SEM I EXAMS (B.ARCH AND M.ARCH) | 9 Fr | | 9 Sa | | 9 Tu | GUDHI PADVA | 9 Th | | 9 Su | |
| 10 Su | | 10 We | SEM I EXAMS (B.ARCH AND M.ARCH) | 10 Sa | | 10 Su | | 10 We | | 10 Fr | | 10 Mo | |
| 11 Mo | M.ARCH. (UD) WORKSHOP - ASEEM | 11 Th | | 11 Su | | 11 Mo | | 11 Th | RAMZAAN EID | 11 Sa | | 11 Tu | |
| 12 Tu | M.ARCH. (UD) WORKSHOP - ASEEM | 12 Fr | Cricket | 12 Mo | MUTATIONS, KINESTHESIA Tentative | 12 Tu | | 12 Fr | JURIES | 12 Su | | 12 We | |
| 13 We | TUG OF WAR; M.ARCH. (UD) WORKSHOP - ASEEM | 13 Sa | | 13 Tu | MUTATIONS, KINESTHESIA Tentative | 13 We | | 13 Sa | | 13 Mo | | 13 Th | |
| 14 Th | M.ARCH. (UD) WORKSHOP - ASEEM | 14 Su | | 14 We | MUTATIONS, KINESTHESIA Tentative | 14 Th | | 14 Su | | 14 Tu | | 14 Fr | |
| 15 Fr | M.ARCH. (UD) WORKSHOP - ASEEM | 15 Mo | MAKAR SANKRANTI, Photo Day | 15 Th | MUTATIONS, KINESTHESIA Tentative | 15 Fr | | 15 Mo | Tentative sem VI Juries; M.Arch. Thesis Juries | 15 We | RESULT DECLARATION | 15 Sa | |
| 16 Sa | | 16 Tu | Startup Day (Week); M.Arch. Tetris series - Thesis Guest Lecture; | 16 Fr | MUTATIONS, KINESTHESIA Tentative | 16 Sa | | 16 Tu | | 16 Th | | 16 Su | |
| 17 Su | | 17 We | SEM I RESULTS DECLARATION | 17 Sa | | 17 Su | | 17 We | RAM NAVMI | 17 Fr | | 17 Mo | BAKRI EID |
| 18 Mo | RESULTS DECLARATION; SEM I MARKS MEETING; 3'O CLOCK STUDIO; SPIRIT WEEK | 18 Th | Traditional Day | 18 Su | | 18 Mo | | 18 Th | | 18 Sa | | 18 Tu | |
| 19 Tu | SPIRIT WEEK | 19 Fr | ALUMNI TALKS | 19 Mo | SHIV-JAYANTI | 19 Tu | | 19 Fr | | 19 Su | | 19 We | |
| 20 We | SPIRIT WEEK | 20 Sa | | 20 Tu | | 20 We | | 20 Sa | | 20 Mo | | 20 Th | |
| 21 Th | SPIRIT WEEK | 21 Su | | 21 We | | 21 Th | | 21 Su | MAHAVIR JAYANTI | 21 Tu | | 21 Fr | |
| 22 Fr | ALUMNI TALKS; FRESHERS; SPIRIT WE | 22 Mo | | 22 Th | | 22 Fr | | 22 Mo | Tentative sem X thesis Juries | 22 We | | 22 Sa | |
| 23 Sa | | 23 Tu | | 23 Fr | ALUMNI TALKS | 23 Sa | | 23 Tu | | 23 Th | BUDDHA POURNIMA | 23 Su | |
| 24 Su | | 24 We | Startup Day | 24 Sa | | 24 Su | HOLI | 24 We | | 24 Fr | | 24 Mo | |
| 25 Mo | CHRISTMAS; WINTER BREAK | 25 Th | 3'O CLOCK STUDIO | 25 Su | | 25 Mo | DHULIVANDAN | 25 Th | | 25 Sa | | 25 Tu | |
| 26 Tu | WINTER BREAK | 26 Fr | REPUBLIC DAY | 26 Mo | | 26 Tu | | 26 Fr | | 26 Su | | 26 We | |
| 27 We | WINTER BREAK | 27 Sa | COMMUNITY SERVICE DAY, UBER RANG | 27 Tu | MARATHI BHASHA DIWAS | 27 We | | 27 Sa | | 27 Mo | | 27 Th | |
| 28 Th | WINTER BREAK | 28 Su | | 28 We | | 28 Th | | 28 Su | | 28 Tu | | 28 Fr | |
| 29 Fr | WINTER BREAK | 29 Mo | | 29 Th | | 29 Fr | GOOD FRIDAY | 29 Mo | | 29 We | | 29 Sa | |
| 30 Sa | | 30 Tu | | | | 30 Sa | | 30 Tu | | 30 Th | | 30 Su | |
| 31 Su | | 31 We | | | | 31 Su | | | | 31 Fr | | | |



AU G AGENDA EVENTS

- 1st GBM
- 2nd AMRITKA PANCHA PRAN
- 3rd FRIENDSHIP DAY
- 4th FITNESS DAY
- 5th AKSHAY URJA DIVAS
- 6th ONAM
- 7th PHOTOGRAPHY WORKSHOP
- 8th WOMEN EQUALITY DAY
- 9th RAKHI WITH KHAKI

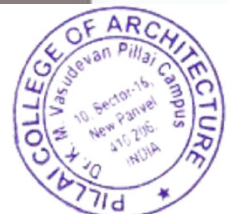
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AGENDA

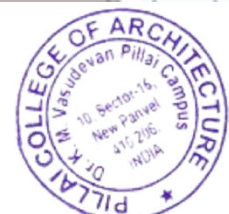
EVENTS

1st WDC HEMOGLOBIN TESTING
& CPR TRAINING

2nd i) INTERNATIONAL DAY OF
CLEAN AIR FOR BLUE SKIES
ii) NURTURING NATURE BY
NATURE'S CLUB



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AGENDA

EVENTS

- 1st TUG OF WAR
- 2nd SPIRIT WEEK - 18th to 21st
- 3rd TREASURE HUNT
- 4th 3'O CLOCK STUDIO
- 5th BACK TO SCHOOL
- 6th FRSHERS



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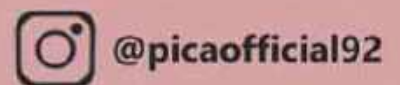
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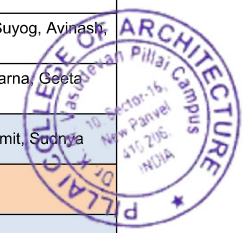
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MES PILLAI COLLEGE OF ARCHITECTURE

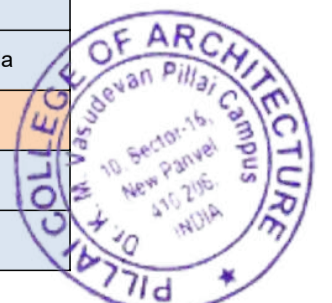
TIME TABLE FOR ACADEMIC YEAR 2023-24 - Term I

| SEM / TIME | 8:30 - 10.10 | 10:10 - 11.50 | 11.50 - 12.20 | 12.20 - 2.00 | 2.00 - 3.40 |
|------------|--------------|--|---|--|--|
| MON | 3 | A D- VRINDA, Moushumi, Gauri, Jayraj, Ashwini, Mahesh K, Rahul | | EVS 3 (2) -CLIMATOLOGY-ASHWINI, Sarojini | CP(AUTOCAD)- JAYRAJ, Gauri, Anand, Shital, Moushumi |
| | 5 | AD-5-(8) - AJITA, Smita, Bhide, Jui, Neha S., Neha D, Tushara | | HUMANITIES (3)- SMITA, Mahesh K | |
| | 7 | AD-7 (8) - RUPALI, Jinu, Avinash, Aditya, Anand, Sayalee, Avishkar | | ALLIED DESIGN 7 (Town Planning) - (G 401) - AVINASH, Aditya, Khushpreet, - | |
| | 9 | AD-8 (8) - SAROJINI, Tanaya, Aarti, Khushpreet, Harshada, Suvarna, Geeta | | Allied Design 8 (Urban Design) - SUVARNA, Tushara, Aarti, Sayalee, Harshada | |
| | UD 3 | Design Studio II - Harshada, Sasmit | | ELECTIVES 1 - REAL ESTATE - Anand | |
| TUE | 3 | TOS- Shital, Prashant | ELECTIVE 3: Gegometry in Arch - Neha D | BLDG SERVICES (2) - Neha S, Bhide, Avinash, Ashwini, Tanaya, Suvarna | |
| | 5 | AR&D 5 (Qty & Spec) (2+2)- BHIDE | ELECTIVE 5: Architecture, Anxiety and spirituality - Sudnya; Principles & application of bldg sciences - Sarojini, Disaster relief shelter - Suvarna; Project Management - Shringarpure, Vrinda | AR Theory (2) - AJITA | TOS 5 (2+1) - Prashant, Shital |
| | 7 | TECHNOLOGY STUDIO (3)- RUPALI, Vrinda, Neha D | TOS 7 (2+1)- Prashant , Shital (G 303) | BLDG CONST 7- (3+1) - RUPALI, Vrinda, Sarojini, Neha D, Prashant, Aarti | |
| | 9 | ELECTIVE 8: Arch and Heritage Conservation - Ajita, -; Illustrations as design narrative - Tushara | Professional Practice 2 (3T) - TANAYA, Jui, Aarti | DD1 - ALL | |
| | UD 3 | THESIS 1 - SASMIT, Sudnya, Harshada | | Design Studio II (Discussion) - HARSHADA, Sasmit | |
| WED | 3 | A D- VRINDA, Moushumi, Gauri, Jayraj, Ashwini, Mahesh K, Rahul | | ALLIED DESIGN STUDIO 3 (3)(interior) - SAYALEE, Gauri, Jayraj, Moushumi, Geeta | |
| | 5 | TOS 5 (2+1) - Shital, Prashant | AR&D 5 (Qty & Spec) (2+2)- Bhide, Shital, Prashant | B.TECH (3+1) - VRINDA, Rupali, Tanaya, Avinash, Sasmit, Neha D, Mahesh K | |
| | 7 | B.SERV 5 (2+1) (HVAC) - SAYALEE, Sarojini, Suvarna, Neha S, Shirgaonkar | | TOS 7 (2+1) - Prashant, Shital | COLLEGE PROJECT - Intro to DD - AJITA, Ashwini |
| | 9 | DD 1 (1T + 3S) - Ajita | | ELECTIVE 9: DD allied research - DD guides / Solar Energy Theory and Application Workshop- Shirgaonkar | |
| | UD 3 | Design Studio II (Working) - HARSHADA, Sasmit | | UD Research (Working) - Sudnya, Harshada, Sasmit | |
| THU | 3 | HUMANITIES (3)- Jinu (G 201), - | | TECHNOLOGY STUDIO (3) -SASMIT, Jayraj, Geeta | |
| | 5 | Transportation - Avinash | B. SERV. (2+1)- Elect., Light & Acoustics -TANAYA, Ajita, Jui, Ashwini, Shirgaonkar | COLLEGE PROJECT (WD) - Suvarna, Jui, Sayalee, Neha S, Shirgaonkar | |
| | 7 | ELECTIVE 7: Digital Tools and Techniques - JAYRAJ, Tushara, Aditya, Vrinda, Prashant | | PROF PRAC 1 (3) - Bhide, Tanaya, Harshada | |
| | 9 | Bldg Serv 6 (1T+1S) - SAROJINI, Geeta, Sayalee, Aarti, Rahul | | Environmental Studies 4 (2T+1S) - SAROJINI, Tushara, Ashwini | TOS-8 (1T+1S) - Prashant, Shital |
| | UD 3 | DEVELOPMENT FINANCE - Omkar, Aarti | | Elective 2- UD SEMINAR (UD Research) - Sudnya | |
| FRI | 3 | ARD-GRAPHICS-KEDAR, Sahil, Jayesh | | TOS- Shital | Bldg Const. Theory (2)- SASMIT |
| | 5 | AD-5-(8) - AJITA, Smita, Bhide, Jui, Neha S., Neha D, Tushara | | ALLIED DESIGN STUDIO 5 (LANDSCAPE PLNG) (3)- JUI, Ajita, Ashwini, Khushpreet, Tushara | |
| | 7 | AD-7 (8) - RUPALI, Jinu, Avinash, Aditya, Anand, Sayalee, Avishkar | | ARD 7 (Bye-laws & Municipal Drgs) (2+3) BHIDE, Suyog, Avinash, Anand, Avishkar | |
| | 9 | AD-8 (8) - SAROJINI, Tanaya, Aarti, Khushpreet, Harshada, Suvarna, Geeta | | Arch Bldg Const 8- SMITA, Rupali, Tanaya, Suvarna, Geeta (2T+1S) | |
| | UD 3 | Design Studio II (Discussion) - HARSHADA, Sasmit, Sudnya | | Design Studio II (Discussion) - HARSHADA, Sasmit, Sudnya | |
| SAT | UD 3 | URBAN BYELAWS - Aarti, Darshetkar | | Design Studio II (Working) - Harshada, Sasmit | |



PICA - TIME TABLE FOR -Term II : AY 2023-24

| | | 8:30 - 10.10 | 10:10 - 11.50 | 11.50 - 12.20 | 12.20 - 2.00 | 2.00 - 3.40 |
|------------|-------------|--|--|---------------|---|---|
| Mon | 2 | B MAT- Ashwini | TOS-Shital | | B TECH - SASMIT, Prathamesh, Rupali, Neha D, Snehal, Vrinda | |
| | 4 | AD-4 (8)- Vrinda, Jayraj, Moushumi, Rupali, Suvarna, Neha D, Harshada, Gauri | | | Building Services 2 (2+1) - NEHA S., Bhide, Avinash, Ashwini, Sayalee, Gauri | |
| | 6 | AD-6-(8) AJITA, Smita, Bhide, Sarojini, Anand, Neha S, Tushara, Rahul | | | AR&D 6 (WORKING DRG.) (6)- Sarojini, Suyog, Ajita, Tushara, Anand, Moushumi, Avishkar, Geeta | |
| | 10 | * Design Dissertation 2 (16): Tanaya, Sayali, Avinash | | | COMPULSORY ELECTIVE 10 BIM - Jayraj, Vrinda, Neha D, Prathamesh, Rahul | |
| | UD 2 | Choice based Elective -1 - Urban Conservation - Sasmit | | | Design Studio II (working)- Sasmit, Aarti | |
| | UD 4 | Thesis II - (working) | | | Thesis II - (working) | |
| Tue | 2 | ARD-GRAPHICS-KEDAR, Sahil, Jayesh, Neha S. | | | ARD-GRAPHICS-KEDAR, Sahil, Jayesh, Bhide | |
| | 4 | ELECTIVE 4 (Earthquake Resistant - Bhide, Shital, Communication Skills - Ashwini, Pre-design Studies - Tanaya) | B. TECH 4 (L (3) - SASMIT, Ashwini | | B. TECH -4 (3) - SASMIT, Tushara, Ashwini, Shital, Prathamesh, Snehal | |
| | 6 | HUMANITIES-6 (3)- Smita, Snehal | ELECTIVE 6 - - Communication & Organization Management): Shringarpure, Vrinda | | B.TECH.-6 (3)- Avinash, Rupali, Tanaya, Sayalee, Neha D, Rahul | |
| | 10 | EVS 5 (3): SAROJINI, Prashant | Prof Practice 3 - Tanaya, Aarti, Suvarna | | Advanced Bldg Construction (2): SMITA, Suvarna, Prashant | |
| | UD 2 | Planning Techniques 1- Sudnya | | | Compulsory electives -2 (2+0) - Theory of Urban Forms - Harshada, Snehal | |
| | UD 4 | Thesis II - (working) | | | Thesis II - (working) | |
| Wed | 2 | A D- ASHWINI, Jinu, Avinash, Tanaya, Sayalee, Mahesh, Avishkar | | | B TECH- SASMIT | EVS- TUSHARA |
| | 4 | HUMANITIES-4 (3) - Ajita, Neha D | Compulsory elective - Innovation, Ideas and Patenting - Tanaya, Neha D, Prathamesh | | ARD 4 (Surveying & Levelling) (4) - SHITAL, Prashant, Avinash, Neha D, Bhide | |
| | 6 | B. SERV (Theory)- 4. (3) - Sarojini, Rupali | B. SERV (Studio) - 4 (3) - Sarojini, Neha S, Sayalee, Rupali | | Allied Design Studio 6 (Housing Studies) (3)- RUPALI, Geeta, Suvarna, Aarti, Harshada, Omkar | |
| | 10 | ARD 8 (6) : Aarti, Geeta, Prashant, Snehal, Shirgaonkar | | | * Design Dissertation 2 (16): Shubhangi, Sarojini, Sasmit, Vrinda, Snehal, Tushara, Shirgaonkar | |
| | UD 2 | Design Studio II (Discussion) - Sasmit | | | Design Studio II (Working) - Sasmit | |
| | | | | | | |
| Thu | 2 | HUMANITIES- Jinu, Mahesh | TOS- SHITAL | | ALLIED Design Studio 6 (Basic Design) (3) Tushara, Jayesh, Mahesh, Avishkar, Ashwini | |
| | 4 | COLLEGE PROJECT - VRINDA, Jayraj, Neha D., Prathamesh | | | ARCH THEORY-2 (2)- Jinu, Mahesh | TOS 4(2+1)- Shital |
| | 6 | AR&D 6 (WORKING DRG.) (6)- SAROJINI, Tushara, Suyog, Ajita, Geeta, Avishkar, Shirgaonkar, Prashant | | | TOS 6 (2+1) - PRASHANT | |
| | 10 | Advanced Theories 4 (2): NEHA S., Smita | | | ARD 8 (6) : AVINASH, SAROJINI, Snehal, Tanaya, Geeta, Shirgaonkar, Gauri | |
| | UD 2 | Research Methodology - Sudnya | | | Design Studio II (Discussion) - Sasmit, Aarti | |
| | UD 4 | Choice Based electives -1 (0+4) - UD Research - Snehal, Omkar | | | Thesis II - (working) | |
| Fri | 2 | CP- JAYESH, Kedar, Sahil, Sayalee, Mahesh | | | CP- JAYESH, Kedar, Sahil, Sayalee, Mahesh | ELECTIVES- Elements of Space Making - Suvarna, Painting and Sculpture - Jayesh, Kedar |
| | 4 | AD-4 (8)- Vrinda, Jayraj, Moushumi, Rupali, Suvarna, Neha D, Harshada | | | ALLIED DESIGN STUDIO-4(3) (Interior Design) - Sayalee, Jayraj, Anand, Moushumi, Prathamesh, Geeta | |
| | 6 | AD-6-(8) AJITA, Smita, Bhide, Sarojini, Anand, Neha S, Tushara | | | B. TECH 6 (3) - Avinash, Rupali, Tanaya | COLLEGE PROJECT (Research) - Smita, Ajita, Neha D |
| | 10 | * Design Dissertation 2 (16): | | | * Design Dissertation 2 (16): Smita, Rupali | |
| | UD 2 | Design Studio II (working) - Sasmit, Aarti | | | Design Studio II (Discussion) - Aarti, Sasmit | |
| | UD 4 | Thesis II (Working) | | | Choice Based electives -2 (0+4) - UD Seminar - Harshada | |
| Sat | UD 2 | Transportation and Traffic for Urban Design - Ghangurde | | | Design Studio I - (Working) | |
| | UD 4 | Thesis II | | | Thesis II | |



| | | | |
|--|-------------|--------------------|------------------------------------|
| M.E.S. | | | |
| PILLAI COLLEGE OF ARCHITECTURE , New Panvel | | | |
| COURSE PLAN | | | |
| Subject : Building Materials | | Session : 2023-24 | Year : 1 ST YEAR B.ARCH |
| Course code: 103 | Credits: 02 | Semester : I | No of Periods per week : 1 |
| Examination Scheme | | Sessional Marks - | Total Marks 50 |
| | | Theory Paper | |
| | | Internal : 50 | |
| | | External Jury : 00 | |
| | | Theory Paper : 00 | |

| | |
|-------------------------|---|
| Faculty | Subject coordinator : Prof. Ashwini Bhosale |
| Faculty team: - | |
| Prof. Shital Marlapalle | |
| | |
| | |

Course Aim and objective : (Please provide this info for ALL subjects)

Background: -

Building materials are the foundation of architecture, and architects must consider their contextual relevance and properties. Natural and artificial materials have specific applications based on their characteristics. Key properties like strength and thermal qualities play a significant role in material selection. The study also highlights selection criteria, which include technology, aesthetics, socio-cultural relevance, socio-economic factors, and ecological sustainability. These criteria help architects make informed choices that align with the project's context and objectives. In sum, building materials are a critical consideration in architectural design, encompassing the practical and contextual aspects of construction.

Aim:-

To provide students with a comprehensive understanding of building materials, their historical evolution, the basic components of building construction, and the criteria for selecting materials based on technology, aesthetics, ecology, contextual, and climatic factors.



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Objectives:-

- Understand key building materials and their roles.
- Explore historical material evolution.
- Identify and analyze basic materials.
- Evaluate materials based on technology, aesthetics, ecology, context, and climate.
- Apply material selection criteria in real-world design.
- Promote sustainability and interdisciplinary thinking in material choices for architecture.

Process:-

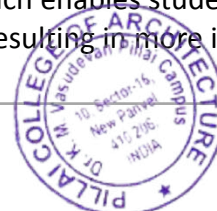
The methods of conducting classes and studios for the Building Materials subject align with the aim and objectives of providing students with a comprehensive understanding of building materials and how they relate to architecture. Here's how each method and its associated tools and techniques support the aim and objectives:

- **Lecture Presentations:** These are used to provide students with the fundamental knowledge of building materials, including their properties, characteristics, and historical context. Visual aids, multimedia, and real-world case studies can enhance students' understanding of these concepts.
- **Group Assignments:** By assigning group projects or case studies, students are encouraged to work collaboratively and apply their knowledge to practical situations. This method promotes interdisciplinary thinking and allows students to evaluate materials based on various criteria, such as technology, aesthetics, ecology, context, and climate.
- **Notes Assignments:** These assignments require students to compile comprehensive notes based on lectures and readings. This helps reinforce theoretical knowledge, ensuring that students understand and remember key concepts and terminology related to building materials. Visual aids and annotations can further enhance the effectiveness of these assignments.
- **Discussions:** Classroom discussions, debates, and case analyses provide a platform for critical thinking and the exchange of ideas. They encourage students to explore the socio-cultural and socio-economic aspects of material selection, helping them understand the broader context of building materials.
- **Site Visits and Site Visit Report Assignments:** Site visits to construction sites, historical buildings, or places with innovative materials enable students to observe materials in real-world contexts. Following these visits, students are required to prepare detailed reports, which connect theory to practice. These reports often include photographs, field notes, and research, enabling students to evaluate materials in different climatic conditions and consider ecological and contextual factors.

Horizontal Integration approach with other subjects in the semester:-

T.O.S. :

Horizontal integration of the Building Materials and Theory of Structures subjects involves aligning the teaching of material properties with structural behavior, analyzing relevant case studies, and exploring the impact of material selection on structural performance. Joint projects, interdisciplinary workshops, and field trips further solidify this connection. This approach enables students to better grasp how materials and structures intersect in architectural design, resulting in more informed and well-rounded architects.



Expected outcomes in terms of students understanding and skills:-

- **Understanding of Building Materials:** Students should have a solid grasp of different building materials, their properties, and applications.
- **Historical Awareness:** They should understand the historical evolution of building materials in architecture.
- **Material Identification and Analysis:** Students should be able to identify and analyze basic building materials.
- **Criteria-Based Evaluation:** They should be capable of evaluating materials based on criteria like technology, aesthetics, ecology, context, and climate.
- **Real-World Application:** Students should be able to make informed material choices in architectural design based on project-specific criteria.
- **Sustainability Focus:** The course aims to instill a commitment to sustainability and eco-friendly material choices.
- **Interdisciplinary Thinking:** Students should develop interdisciplinary thinking, considering social, cultural, and economic factors in material decisions.

The integration of material properties with the Theory of Structures further enhances these outcomes, helping students understand the connection between materials and structural performance in architecture. This holistic knowledge equips them to become well-rounded and informed architects.

| Suggested Reading Books/ Links/Research Journals | |
|--|--|
| S.No. | Name of the reference |
| 1 | W.B.Mckay, 'Building Construction', Orient Longman |
| 2 | Francis Ching, 'Building Construction & Illustrated', John Wiley, 1991 |
| 3 | SK Duggal 'Building Materials' |
| 4 | Rangwala 'Building Construction' |



List of minimum FIVE Course Outcomes (COs) based on which student's progress will be

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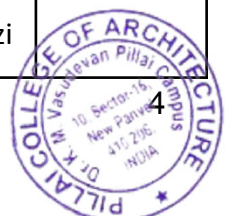
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| | evaluated. |
| 1 | To recall and understand the primary materials used in construction and their roles in architectural design. |
| 2 | To acquire a comprehensive understanding of building materials with respect to historical influences, technological advancements, aesthetic considerations, Contextual and climatic factors. |
| 3 | Enhancing practical knowledge, material awareness, contextual understanding, safety and sustainability awareness, fostering creativity. |
| 4 | A pop-up quiz on building materials to assess students' fundamental knowledge, safety awareness, and material selection skills. |
| 5 | To develop research, critical thinking, and presentation skills, as well as an understanding of the market dynamics of building materials. |

** Please note that for theory subjects:

- Plan at least one assignment per month, each of 10% weightage (total 40%).
- Plan one class test at the end of each month, each of 20% weightage (total 60%).

Teachers may make a few changes in the above suggested pattern, depending upon individual subject requirements.

| Course Details : | | | | | | | |
|------------------|---|--|------------|--|--------------------|---|-------------------|
| Week | Topic | Objectives | Date | Related Assignments | Date of Submission | How the lecture or assignment is aligned to which CO and how? | Marks weightage % |
| 1 | Introduction to the topic, its importance and relevance in Architecture, history and the timeline of usage of the materials up-to now | To develop research, critical thinking, and presentation skills, as well as an understanding of the market dynamics of building materials. | 9/10/2023 | Assignment 1: Students are to be divided in a group of 5 and will be doing market study on certain building materials followed by a presentation in the next class. | 16/10/2023 | CO1,CO2: It actively engages students in recalling and understanding primary building materials used in construction while also emphasizing | 15% |
| 2 | PowerPoint presentation by | | 16/10/2023 | | | | |



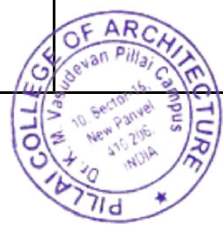
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| | the students ASSIGNMENT 01 | | | | | ng their roles in architectural design, and it provides a platform for students to demonstrate this understanding through group presentations. | |
| 3 | PowerPoint presentation by the students ASSIGNMENT 01 | | 23/10/2023 | Assignment 2: NOTES on Types of building materials and their mechanical properties | 30/10/2023 | CO1, CO2: It supports this CO by exploring material selection's significance, including its influence on design choices and consideration of historical, technological, and contextual factors. This assignment helps students make informed choices in real-world architectural projects, | 10% |

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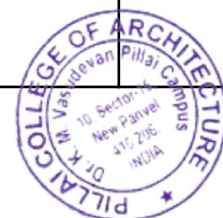
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| | | | | | | directly addressing the CO's goal. | |
| 4 | Introduction to the topic Clay and Bricks | Understanding the different types of materials (naturally available materials, their individual properties) and how these elements together contributes to the properties of the bricks and its types. Pop quiz test aims to encourage critical thinking, historical awareness, and effective communication of knowledge while preparing students for further architectural studies. | 30/10/2023 | Assignment 3: NOTES on: Difference between fly ash bricks, AAC bricks, red bricks. Pop Quiz Test | 6/11/2023 | CO4: the lecture and assignment are aligned by focusing on fundamental knowledge and safety awareness. | 10% 5% POP QUIZ TEST |
| 5 | Introduction to the topic stones | Introduction to stones, its sizes, types, use. | 6/11/2023 | Assignment 4: Students are supposed to be divided | 20/11/2023 | CO3 & CO5: This assignment aligns with various | 10% |

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| | | | | <p>into groups and pick any one stone to find out its classification, composition, Images, place of quarry/ finishes or dressed stone images Properties in detail Identifying any structure or elements where Stone is used.</p> | | <p>Course Outcomes (CO) by having students research and analyze a specific building stone, enhancing their practical knowledge, material awareness, contextual understanding, safety and sustainability awareness, fostering creativity, and developing research, critical thinking, presentation skills, while also indirectly exposing them to market dynamics of building materials.</p> | |
| 6 | DIWALI VACATIONS (11th November 2023-19th November) | | | | | | |
| 7 | <p>Review of the case studies ASSIGNMENT 02</p> | | <p>20/11/2023</p> | <p>Assignment 5: NOTES on stones and its types.</p> | <p>27/11/2023</p> | | <p>10%</p> |

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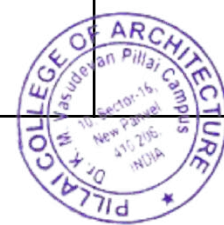


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|----|--|---|-----------------|--|-----------------|---|------------------|
| 8 | Review of the case studies ASSIGNMENT 02 | | 27/11/2023 3 | Pop Quiz Test 02 | 4/12/2023 | | 5% POP QUIZ TEST |
| 9 | Introduction to the topic mortar, cement. | To understand the importance of cement/concrete as a binding material, its composition and different types of cement. | 4/12/2023 | Assignment 6: NOTES on cement and concrete, its importance, application in the building industry. | 11/12/2023 | CO5: It develops research skills by requiring students to gather information about cement and concrete, encourages critical thinking about their significance, incorporates presentation skills through the use of images and sketches, and provides insights into market dynamics by exploring applications and emerging trends in building materials, thereby fulfilling the objectives | 10% |
| 10 | Introduction to the topic Concrete | | 11/12/2023 3 | | 18/12/2023 3 | | |



| | | | | | | | |
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| | | | | | | of the course. | |
| 11 | SITE VISIT TO H.O.C. CAMPUS MATERIAL LABORATORY. | To serve as an essential component of architectural education by connecting students with the practical aspects of their field, promoting a deeper understanding of materials, and provide hands-on learning. | 18/12/2023 | Assignment 7: Making a structured report by documenting and observing the different building materials in use, construction techniques employed, safety measures in place, environmental considerations, and any quality control practices. Take photos and detailed notes, recording the date, time, and location. The report should be structured with an introduction, observations, conclusion, and any recommendations, if relevant. | | CO3: By offering students a practical experience in construction and enhancing their awareness of different building materials, techniques, and the context in which construction occurs, while also emphasizing safety and sustainability. By documenting and observing these aspects and encouraging creativity through analysis and recommendations, the assignment effectively promotes the | 15% |

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| | | | | | | development of well-rounded knowledge and skills in the field of construction. | |
| 12 | FINAL SUBMISSION | 8/01/2023 | | | | | 10% ATTENDANCE |
| 13 | | | | | | | |
| | | | | | | | |

Submission guidelines and requirements for students:

- Assignment 1: 15%
- Assignment 2: 10%
- Assignment 3: 10%
- Assignment 4: 10%
- Assignment 5: 10%
- Assignment 6: 10%
- Assignment 7: 15%
- Pop quiz test 1: 5%
- Pop quiz test 2: 5%
- Attendance: 10%




Pillai College of Architecture, New Panvel
HORIZONTAL INTEGRATION MEETING (2023-24)
SEMESTER V

Minutes of the Meeting

Date: 15th June 2023

Time: 01:30 p.m.

Location: College Conference Room

The meeting commenced promptly at 01:30 p.m. in the college conference room with all subject in charges in attendance.

Agenda Item 1: Integration of Subject Content

All subject in-charges were invited to discuss the integration of subject content. Each subject in charge provided insights into how they plan to conduct their respective courses while adhering to the prescribed curriculum and explored possibilities for integrating their subjects with others.

The identified integration possibilities are as follows:

- Architecture Design (AD) + Building Services: It was proposed to integrate acoustical treatment for the mini-theatre within the Building Services subject. This integration will enhance the practical application of acoustics in architectural design.
- Architecture Design (AD) + Landscape: The discussion centered on designing the site plan by incorporating landscape elements within the architectural design. This integration aims to create a holistic approach to architectural projects.
- Architecture Design (AD) + Architectural Theory: The proposal is to include writing the design intent within the Architectural Theory subject. This integration will help students articulate and communicate their design concepts effectively.

Agenda Item 2: Academic Calendar & Overlaps

The meeting also addressed concerns regarding the academic calendar and identified potential overlaps in subject schedules. It was decided that the academic calendar would be reviewed to ensure there are no scheduling conflicts. Any overlaps identified will be resolved promptly to minimize disruption to students and faculty, especially at the end of the semester.

Action Items:

Subject in-charges will collaborate to further develop the integration plans for the identified subjects.

Next Meeting: The next meeting will be scheduled at the end of the semester to discuss if the desired output is achieved.



Pillai College of Architecture, New Panvel
HORIZONTAL INTEGRATION MEETING (2023-24)
SEMESTER V



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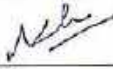

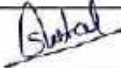


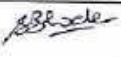





Pillai College of Architecture, New Panvel
HORIZONTAL INTEGRATION MEETING (2023-24)
SEMESTER V

Pillai College of Architecture, New Panvel
HORIZONTAL INTEGRATION MEETING (2023-24)
SEMESTER V

Venue: Conference Room

Date: June 15, 2023

| FACULTY | SUBJECT | SIGNATURE |
|-------------------|--------------------------------|--|
| | | |
| AJITA DEODHAR | ARCH. DESIGN |  |
| IJI KSHIRSAGAR | ALUED DESIGN & COLLEGE PROJECT |  |
| VRINDA PADHYE | ELECTIVE | |
| PRASHANT BORGE | TOS | — AB — |
| SHITAL MARLAPALLE | TOS-5 theory of structure |  |
| TANAYA DEKA | BUILDING SERVICES |  |
| SMITA DALVI | Humanities 5 |  |
| SHUBHANGI BHIDE | ARD - V |  |
| SUVARNA THAKRE | CP |  |
| SAROJINI LOHOIT | ELECTIVE |  |
| AVINASH SABHAGANI | TRANSPORTATION & CIVIC SENSE |  |





Mahatma Education Society's
PILLAI COLLEGE OF ARCHITECTURE

Dr. K.M. Vasudevan Pillai Campus, Sector 16, New Panvel, Mah. India 410 206.
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WEB SITE : www.pica.ac.in Email:pica@mes.ac.in, pica.panvel@gmail.com



Date: 15th June 2023

**CONSTITUTION OF ACADEMIC MONITORING COMMITTEE FOR THE AY
2023-2024**

The Academic Monitoring Committee for academic year 2023-2024 has been constituted as per the following details. The committee is to address the tasks of formulating strategies for effective monitoring of curriculum delivery, objectives and outcomes.

| Sr. No | Name | Designation | Position | Mobile Number | E-mail ID |
|--------|--------------------------|---------------------|---------------------|---------------|--|
| 1 | Dr. Smita Dalvi | Professor | Chairperson | 9969664859 | smitadalvi@mes.ac.in |
| 2 | Dr. Sudnya Mahimkar | Principal | Member secretary | 9969168272 | sudnyamahimkar@mes.ac.in |
| 3 | Prof. Sasmit Acharekar | Associate Professor | IQAC Coordinator | 9819573108 | sasmita@mes.ac.in |
| 4 | Prof. Harshada Katkar | Associate Professor | M. Arch coordinator | 8380074745 | harshadkatkar@mes.ac.in |
| 5 | Prof. Sanjay Shirgaonkar | Professor | Design Chair | 9082041745 | sanjayshirgaonkar@mes.ac.in |
| 6 | Prof. Sarojini Lohot | Professor | Faculty Member | 9890946152 | slohot@mes.ac.in |
| 7 | Prof. Rupali Vaidya | Associate Professor | Faculty Member | 9819948979 | rupalivaidya@mes.ac.in |
| 8 | Prof. Ajita Deodhar | Associate Professor | Faculty Member | 9819168033 | ajitadeodhar@mes.ac.in |
| 9 | Prof. Vrindha Padhye | Assistant Professor | Faculty Member | 9820811619 | vrindapadhye@mes.ac.in |
| 10 | Prof. Ashwini Bhosale | Assistant Professor | Faculty Member | 9820540690 | ashwini.patil@mes.ac.in |

Signature
15/06/2023

Dr. Sudnya Mahimkar
Principal & Member Secretary



Signature

Dr. Smita Dalvi
Chairperson

PRINCIPAL
PILLAI COLLEGE OF ARCHITECTURE
Dr. K. M. Vasudevan Pillai Campus,
10, Sector-16, New Panvel-410 206

MES Pillai College of Architecture, New Panvel

Curriculum Planning & Implementation Committee
Academic Monitoring Committee

Date: 13 April 2023

NOTICE

A joint meeting of the above two committees will take place as per following details and agenda. The members are requested to be present for the same.

Date 20 April 2023

Time: 2.30 to 3.30 pm

Venue- Conference Room, 2nd Floor

Agenda:

1. Holding of workshops for discussing academic planning for Term I of A.Y. 2023-24.
2. To deliberate upon curricular activities during the next term.
3. To deliberate on academic review of A.Y. 2022-23

Prof. Smita Dalvi — *Smita*
Prof. Sudnya Mahimkar — *Sudnya*
Prof. Jinu Kurien — *Jinu*
Prof. Tanaya Deka — *Tanaya*
Prof. Aarti Mankame — *Aarti*
Prof. Jui Chougule — *Jui*
Prof. Shital Mariapalle — *Shital*
Prof. Avinash Sabhagani — *Avinash*
Prof. Sarojini Lohot — *Sarojini*
Prof. Sasmit Acharekar — *Sasmit*
Prof. Rupali Vaidya — *Rupali*
Prof. Ajita Deodhar — *Ajita*
Prof. Vrinda Padhye — *Vrinda*
Prof. Ashwini Bhosale — *Ashwini*



MES Pillai College of Architecture, New Panvel

**Curriculum Planning & Implementation Committee
Academic Monitoring Committee**

Minutes of the Meeting

Date 20th April 2023

Time 2.30 to 4.00 pm

Venue- Conference Room, 2nd Floor

Members Present :

Chairperson -Prof. Smita Dalvi

Secretary -Prof. Sudnya Mahimkar

Member -Prof. Jinu Kurien

Member -Prof. Tanaya Deka

Member -Prof. Aarti Mankame

Member- Prof. Sarojini Lohot

Member -Prof. Shital Marlapalle

Member -Prof. Avinash Sabhagani

Member- Prof. Sasmit Achrekar

Member- Prof. Ajita Deodhar

Agenda:

Agenda:

1. Holding of workshops for discussing academic planning for Term I of A.Y. 2023-24.
2. To deliberate upon curricular activities during the next term.
3. To deliberate on academic review of A.Y. 2022-23

Minutes of the meeting

- The previous MOMs was reviewed by Prof. Smita Dalvi for actions taken in the last academic year, 2022-23.
- The IQAC workshop to be held in the first week of June 2023, on 9th June.
- The workshop will have an annual exhibition for all semester Architectural Design which will be conducted at Ground floor studio. Representative work at 3 levels – excellent, good and fair to be displayed from all semesters. This will enable a better appraisal of the quality of academic work produced in the college in the year 2022-23.
- In the second half of 9th June workshop, AD studio teams for the first half of 2023-24 will present the studio briefs of their respective semesters.
- Jurors feedback and student feedback should also be discussed in the workshop.

Smita



- Prof Jinu Kurien volunteered to make a presentation during the workshop on architectural design components.
- The exam section and Ms. Radhika Sathe, the exam clerk, were instructed to circulate all declared results with faculty email group. Result analysis is also to be prepared for the benefit of this committee. Over all analysis of students CGPA & percentage should be done based on their final results to check for any disparity.
- MIS to be incorporated in the system from next academic year i.e. 2023-24.
- The college project, Allied Design & electives have been discussed briefly but it needs a detail discussion on how we want to go about it in near future and what would be the larger objective we want to achieve as a college.
- Dr. Mahimkar informed that college projects from semester 3 onwards will have the theme of digital tools and techniques in architecture.
- Value added courses such as Graphic design, Ui/ Ux, Furniture Design etc can be added in the academic year to make the students aware about current trends in the industry.
- The next academic year calendar's base will be prepared by Dr. Sudnya Mahimkar. Co-curricular and extra-curricular events & workshop will be updated later on by everyone.
- The meeting ended with the vote of thanks by the secretary.



Latitude: 18.99068
 Longitude: 73.128295
 Elevation: 42.9634 m
 Accuracy: 23.6 m
 Time: 20-04-2023 14:54
 Note: Implementation completed

Sms
 27/4/2023



EM III (SECOND YEAR) B.ARCH 2023

Month: July -Subject: ARCHITECTURAL DESIGN Faculty: Prof. Veerinda, Prof. Moushumi,
Prof. Jatraj, Prof. Gauri,
Prof. Mahesh, Prof. Ashodini

Assignment (Topic):

ATTENDANCE

| S.No. | Adm. No. | Student Name | ATTENDANCE | NO.OF SHEETS | SUBMISSION DATE | STUDENT'S SIGN | MARKS | RETURNED & RECEIVED STUDENT'S | RE-SUBMISSION DATE | IMPROVED MARKS | RETURNED DATE | | |
|-------|------------|-------------------------------|------------|--------------|-----------------|----------------|-------|-------------------------------|--------------------|----------------|---------------|-------|-------|
| | | | 17/07/23 | 11/07 | 24/07 | 31/07 | 2/08 | 7/8 | 9/08 | 14/08 | 21/08 | 23/08 | 28/08 |
| 1 | 2022PA0070 | ACHARYA AISHWARYA CHANDRAKANT | P | P | P | P | P | A | P | P | P | A | P |
| 2 | 2022PA0008 | AMDOSKAR GANESH RAJENDRA | A | P | P | P | P | P | P | P | A | A | P |
| 3 | 2022PA0012 | BIDKAR VED PRADOSH | P | P | P | P | P | P | A | P | A | A | P |
| 4 | 2022PA0088 | BIRLA SAYLI MANOJ | D | A | A | P | P | P | P | A | A | P | A |
| 5 | 2022PA0034 | BOTHRA BHAVIN JITENDRA | D | P | P | P | A | A | P | A | P | A | A |
| 6 | 2022PA0053 | BOTTA HARINI RAVI | D | A | P | A | P | P | P | A | P | A | A |
| 7 | 2022PA0059 | DALANE RUTUJA DATTUJI | A | A | P | P | A | P | P | P | P | P | P |
| 8 | 2022PA0044 | DALVI RADHIKA SURESH | P | P | P | P | P | P | P | P | P | P | P |
| 9 | 2022PA0075 | DASALE UNNATI PRAKASH | P | P | A | P | P | P | P | P | P | A | P |
| 10 | 2022PA0029 | DESHMUKH MAHASHANA SANDEEP | D | P | A | P | P | P | A | P | P | P | A |
| 11 | 2022PA0042 | DESHMUKH RITESH | P | P | P | P | P | P | P | A | P | A | A |
| 12 | 2022PA0040 | DEVDA YASH MOHAN | P | P | P | P | P | P | P | P | P | P | P |
| 13 | 2022PA0067 | DHAMAL PREM NANDKISHOR | P | P | P | P | A | P | P | P | P | A | A |
| 14 | 2022PA0014 | DHOPAVKAR LEENA AMIT | P | P | P | P | P | P | P | P | P | P | A |
| 15 | 2022PA0060 | GANGOTRI PARMESHWAR SHIVAJI | D | A | A | A | A | A | P | A | A | A | P |
| 16 | 2022PA0017 | GAURI DEVARSH PREM | P | P | P | P | P | A | P | P | P | A | P |
| 17 | 2022PA0064 | GHARGHE GRISHMA NAGORAO | D | A | A | P | P | P | P | A | P | P | A |
| 18 | 2022PA0051 | GONDHALI RUDHRANI AMIT | A | P | P | P | P | P | P | P | P | P | P |
| 19 | 2022PA0020 | HEMJITH ANCHAL | P | P | P | P | P | P | P | A | P | P | A |
| 20 | 2022PA0024 | INGALE RUTUJA RAMESH | P | P | P | P | P | P | P | P | P | P | P |
| 21 | 2022PA0032 | JAISON SAMUEL | P | A | A | A | A | P | P | A | P | A | A |
| 22 | 2022PA0036 | JOSHI JAY PRAMOD | P | A | A | A | A | P | A | A | P | A | A |
| 23 | 2022PA0054 | KADAM BHAKTI TUMKAR | P | P | P | P | P | A | P | P | P | P | A |
| 24 | 2022PA0068 | KADAM MANTHAN | P | P | P | P | P | P | P | P | P | A | A |
| 25 | 2022PA0035 | KALE YASH DEVIDAS | P | P | P | P | A | A | P | A | P | A | A |
| 26 | 2022PA0028 | KATHIRIYA RUSHIL HEMANT | P | A | P | P | P | P | P | P | P | P | P |



Month: JulySubject: ARCHITECTURAL DESIGNFaculty: Prof. Veerinda, Prof. Moushemi,
Prof. Jyoti, Prof. Gauri,
Prof. Mahesh, Prof. AshwiniAssignment (Topic): ATTENDANCE

| S.No. | Adm. No. | Student Name | ATTENDANCE | NO.OF SHEETS | SUBMISSION DATE | STUDENT'S SIGN | MARKS | RETURNED & RECEIVED STUDENT'S | RE-SUBMISSION DATE | IMPROVED MARKS | RETURNED DATE | | |
|-------|------------|--------------------------------|------------|--------------|-----------------|----------------|-------|-------------------------------|--------------------|----------------|---------------|-------|-------|
| | | | 17/07/23 | 19/08 | 24/07 | 31/07 | 2/08 | 7/8 | 09/08 | 14/08 | 21/08 | 23/08 | 28/08 |
| 27 | 2022PA0066 | KEDARI SHUBHAM PRAVIN | D | P | P | P | A | P | A | A | A | A | A |
| 28 | 2022PA0077 | KHAN TARANNUM RASHID | D | A | P | P | A | A | P | P | P | P | A |
| 29 | 2022PA0063 | KOLI PRATHAMESH KISHOR | | P | P | P | P | P | P | P | P | P | A |
| 30 | 2022PA0018 | KOLI SUJAL RAVIRAJ | | P | P | P | P | P | P | A | P | A | A |
| 31 | 2022PA0023 | KOTARKAR SUSAN SURENDRA | | P | P | P | P | P | P | P | P | P | P |
| 32 | 2022PA0015 | MALI SANIT KAILASH | D | A | A | A | P | A | AB. | A | A | A | P |
| 33 | 2022PA0062 | MANKUMBARE SHRAWANI ANKUSH | | P | P | P | A | P | A | P | P | P | P |
| 34 | 2022PA0027 | MHATRE RUTUJA DEEPAK | | P | P | P | P | P | P | P | P | P | A |
| 35 | 2022PA0083 | MITTAPELLY SAITEJA NELAVENDHAR | D | P | A | A | P | A | A | A | P | P | P |
| 36 | 2022PA0049 | MORE MOHIT SACHINDRA | D | P | P | A | P | A | A | P | A | P | P |
| 37 | 2022PA0026 | MORE PRACHI SUNIL | | P | P | P | P | P | A | P | P | A | P |
| 38 | 2022PA0057 | MORE SAI RAJENDRA | D | A | A | P | P | P | P | A | A | A | A |
| 39 | 2022PA0084 | NAGPAL JOSHNA MUKESH | | A | P | P | P | P | P | A | P | P | A |
| 40 | 2022PA0080 | NAVALE SUROMAYI ROHDAS | | P | P | P | P | P | P | P | P | P | P |
| 41 | 2022PA0019 | PATIL HIRAL VILAS | | P | P | P | P | P | P | P | A | P | A |
| 42 | 2022PA0030 | PATIL KANIKA VIJAY | D | P | A | P | P | A | P | P | P | A | A |
| 43 | 2022PA0039 | PATIL KOMAL KRISHNA | | P | P | P | P | P | P | P | P | P | P |
| 44 | 2022PA0031 | PATIL NAMRATA SAHADEV | D | P | A | P | P | A | P | P | P | A | A |
| 45 | 2022PA0085 | PATIL PRANJAL MOTILAL | | P | P | P | P | P | P | P | P | P | A |
| 46 | 2022PA0016 | PATIL SANSKRUTI UDAY | | P | P | P | P | P | P | P | P | P | A |
| 47 | 2022PA0058 | PATIL SHRUTIKA G | | P | P | P | P | P | P | P | P | P | P |
| 48 | 2022PA0052 | PEDNEKAR PAF | | P | P | P | P | P | P | P | P | P | A |
| 49 | 2022PA0055 | PINTO ALAN | | P | P | P | P | P | P | P | P | P | P |
| 50 | 2022PA0061 | PORE SHARA | | A | A | P | P | P | P | P | P | P | P |
| 51 | 2022PA0011 | RAJASEKAR | | P | A | P | P | P | P | P | A | A | P |
| 52 | 2022PA0050 | RAO TANAYA S | D | A | A | A | P | P | P | P | P | P | P |



Month: JulySubject: ARCHITECTURAL DESIGNFaculty: Prof. Vrinda, Prof. Koushik,
Prof. Jyoti, Prof. Gauri,
Prof. Mahesh, Prof. AshwiniAssignment (Topic): ATTENDANCE

| S.No. | Adm. No. | Student Name | ATTENDANCE 17/07/23 | NO. OF SHEETS 19/07 | SUBMISSION DATE 24/07 | STUDENT'S SIGN 31/07 | MARKS 2/08 | RETURNED & RECEIVED STUDENT'S 7/8 | RE- SUBMISSION DATE 9/08 | IMPROVED MARKS 14/08 | RETURNED DATE 21/08 | 23/08 | 28/08 |
|-------|------------|--------------------------------|------------------------|---------------------------|-----------------------------|----------------------------|---------------|--|-----------------------------------|----------------------------|---------------------------|-------|-------|
| 53 | 2022PA0081 | REHMANI SHAHARBANU SALIM | A | P | P | P | P | A | P | P | P | P | A |
| 54 | 2022PA0090 | REPAL DIKSHA SASHARATH | A | A | P | A | P | P | P | P | P | P | P |
| 55 | 2022PA0078 | SARKAR PIYALE BIMAL | D | P | A | P | A | A | A | A | A | A | P |
| 56 | 2022PA0047 | SARMALKAR SUCHII SACHIN | P | P | P | P | P | A | P | P | P | A | A |
| 57 | 2022PA0043 | SHAH MAHI BHAVESH | P | P | P | P | P | P | P | A | P | P | P |
| 58 | 2022PA0073 | SHELAR CHAITANYA DEEPAK | P | P | P | P | P | A | A | P | P | P | P |
| 59 | 2022PA0069 | SHRIWARDHANKAR JANHAVI MANGESH | D | A | A | A | A | A | A | A | A | A | A |
| 60 | 2022PA0037 | SINGH SHANU PRADEEP | P | P | P | P | P | P | P | P | P | P | P |
| 61 | 2022PA0048 | SONAR PRATHAM ANIL | D | A | A | A | A | P | P | A | P | A | P |
| 62 | 2022PA0013 | SULE MRUNMAYEE YOGESH | P | P | P | P | P | P | P | A | P | P | P |
| 63 | 2022PA0025 | SURYAWANSHI SATYAJEET SHIVAJI | P | A | P | P | P | P | P | P | A | P | P |
| 64 | 2022PA0065 | TALMALE SHREYA DEVENDRA | D | A | A | P | P | P | P | A | A | A | P |
| 65 | 2022PA0056 | TAMHANKAR ESHA SUDHIR | D | P | A | A | P | A | P | P | P | A | A |
| 66 | 2022PA0074 | TANDEL NISHANT JAGDISH | P | P | P | P | P | P | P | P | A | A | P |
| 67 | 2022PA0041 | TAWDE YUTIKA SUSHIL | P | P | P | P | P | P | P | P | P | P | P |
| 68 | 2022PA0072 | THAKKAR JAYANT HARISH | D | P | P | A | P | A | P | A | P | A | A |
| 69 | 2022PA0022 | WAKODE PRERNA VIDYANAND | D | A | A | P | P | P | P | P | A | P | P |
| 70 | 2022PA0082 | YUSUGADE PRACHETA PRASHANT | D | A | A | A | A | P | P | P | A | P | P |
| 71 | 2021PA0085 | KADU DEVRAJ GANESH | D | A | A | P | P | A | P | P | P | A | A |
| 72 | 2022PA0085 | MORE ATHARV RAJESH | D | A | A | P | P | A | P | A | A | A | P |
| 73 | | SAKSHI CHAVAN | D | P | A | A | A | A | P | P | A | P | P |
| 74 | | ANMAY PATIL | D | P | A | A | A | A | P | P | A | P | P |

PROVISIONAL ELIGIBLE TILL DECLARATION OF SEM 1 RESULT OF JULY 2023 EXAMINATION.



SEM III (SECOND YEAR) B.ARCH 2023-24

Month: AUGUST-SEPT.

Subject: A.D. - III

Faculty: PROF. VRINDA, PROF. MOUSHMI,
PROF. ASHWINI B.,
PROF. MAHESH, PROF. JATRA,
PROF. GAURI, PROF. RAHUL

Assignment (Topic): ATTENDANCE

| S.No. | Adm. No. | Student Name | ATTENDANCE | NO. OF SHEETS | SUBMISSION DATE | STUDENT'S SIGN | MARKS | RETURNED & RECEIVED STUDENT'S SIGN | RE-SUBMISSION DATE | IMPROVED MARKS | RETURNED DATE |
|-------|------------|-------------------------------|------------|---------------|-----------------|----------------|-------|------------------------------------|--------------------|----------------|---------------|
| | | | 30/09/23 | 04/09 | 06/09 | 11/09 | 13/09 | 18/09 | 25/09 | 27/09 | 4/10 |
| 1 | 2022PA0070 | ACHARYA AISHWARYA CHANDRAKANT | P | P | P | P | P | A | A | . | P |
| 2 | 2022PA0008 | AMDOSKAR GANESH RAJENDRA | P | . | P | AB | A | A | A | . | 1 |
| 3 | 2022PA0012 | BIDKAR VED PRADOSH | P | P | P | P | P | A | P | P | P |
| 4 | 2022PA0088 | BIRLA SAYLI MANOJ | P | P | P | P | P | A | A | . | P |
| 5 | 2022PA0034 | BOTHRA BHAVIN JITENDRA | P | A | P | AB | A | P | A | P | A |
| 6 | 2022PA0053 | BOTTA HARINI RAVI | A | A | A | AB | A | A | A | P | A |
| 7 | 2022PA0059 | DALANE RUTUJA DATTUJI | P | A | P | P | P | A | P | P | P |
| 8 | 2022PA0044 | DALVI RADHIKA SURESH | A | A | P | P | P | A | P | P | P |
| 9 | 2022PA0075 | DASALE UNNATI PRAKASH | P | P | P | P | P | A | P | P | P |
| 10 | 2022PA0029 | DESHMUKH MAHASHANA SANDEEP | A | P | A | P | P | A | P | P | P |
| 11 | 2022PA0042 | DESHMUKH RITESH | P | A | P | P | P | A | P | . | P |
| 12 | 2022PA0040 | DEVDA YASH MOHAN | P | P | P | P | P | P | P | P | A |
| 13 | 2022PA0067 | DHAMAL PREM NANDKISHOR | P | P | P | P | P | A | P | P | P |
| 14 | 2022PA0014 | DHOPAVKAR LIENA AMIT | P | P | P | P | P | A | P | P | P |
| 15 | 2022PA0060 | GANGOTRI PARMESHWAR SHIVAJI | A | A | A | AB | A | A | A | . | P |
| 16 | 2022PA0017 | GAURI DEVARSH PREM | A | P | P | P | P | A | A | . | P |
| 17 | 2022PA0064 | GHARGHE GRISHMA NAGORAO | P | P | P | P | P | A | A | P | P |
| 18 | 2022PA0051 | GONDHALI RUDHRANI AMIT | P | P | A | P | P | A | P | P | P |
| 19 | 2022PA0020 | HEMJITH ANCHAL | P | P | P | P | P | P | P | P | P |
| 20 | 2022PA0024 | INGALE RUTUJA RAMESH | P | P | P | P | P | P | P | . | P |
| 21 | 2022PA0032 | JAISON SAMUEL | A | A | A | AB | P | A | A | . | P |
| 22 | 2022PA0036 | JOSHI JAY PRAMOD | A | A | A | AB | A | A | A | . | P |
| 23 | 2022PA0054 | KADAM BHAKTI TUKARAM | P | P | P | P | P | A | P | P | P |
| 24 | 2022PA0068 | KADAM MANTHAN BALWANT | P | P | P | P | P | A | P | P | P |
| 25 | 2022PA0035 | KALE YASH DEVIDAS | P | A | P | AB | A | P | A | . | P |
| 26 | 2022PA0028 | KATHIRIYA RUSHII HEMANT | P | P | P | P | P | A | P | P | P |



SEM III (SECOND YEAR) B.ARCH 2023-24

Month : _____

Subject: A.D. III

Assignment (Topic) : _____

Prof. RAHUL
 Prof. MAHESH, Prof. GAURI,
 Faculty Prof. VEINDA, Prof. ASHWINI
 Prof. MAUSHMI, Prof. JATRAJ,

| S.No. | Adm. No | Student Name | ATTENDANCE | NO. OF SHEETS | SUBMISSION DATE | STUDENT'S SIGN | MARKS | RE-RECEIVED STUDENT'S SIGN | RE-SUBMISSION DATE | IMPROVED MARKS | RETURNED DATE |
|-------|------------|--------------------------------|------------|---------------|-----------------|----------------|-------|----------------------------|--------------------|----------------|---------------|
| | | | 30/08 | 4/09 | 06/09 | 11/09 | 13/09 | 18/09 | 25/09 | 27/09 | 4/10 |
| 27 | 2022PA0066 | KEDARI SHUBHAM PRAVIN | A | P | A | AB | A | A | A | . | A |
| 28 | 2022PA0077 | KHAN TARANNUM RASHID | P | P | P | P | A | A | P | P | P |
| 29 | 2022PA0063 | KOLI PRATHAMESH KISHOR | P | P | P | P | P | A | P | P | P |
| 30 | 2022PA0018 | KOLI SUJAL RAVIRAJ | P | P | P | P | A | A | A | P | P |
| 31 | 2022PA0023 | KOTARKAR-SUSAN SURENDRA | A | P | A | P | P | A | A | P | P |
| 32 | 2022PA0015 | MALI SANIT KAILASH | A | A | A | AB | P | A | A | P | AB. |
| 33 | 2022PA0067 | MANKUMBARE SHRAWANI ANKUSH | P | P | P | P | P | A | A | P | P |
| 34 | 2022PA0027 | MHATRE RUTUJA DEEPAK | P | P | A | P | P | A | P | P | P |
| 35 | 2022PA0083 | MITTAPELLY SAITEJA NELAVENDHAR | P | P | P | P | A | P | P | P | P |
| 36 | 2022PA0049 | MORE MOHIT SACHINDRA | P | P | A | AB | P | A | A | . | P |
| 37 | 2022PA0026 | MORE PRACHI SUNIL | P | P | P | P | P | A | A | P | P |
| 38 | 2022PA0057 | MORE SAI RAJENDRA | A | A | A | AB | A | A | A | P | AB |
| 39 | 2022PA0084 | NAGPAL JOSHNA MUKESH | P | P | P | AB | P | A | A | P | AB |
| 40 | 2022PA0080 | NAVALE SUROMAYI ROHDAS | P | P | P | P | P | A | P | P | P |
| 41 | 2022PA0019 | PATIL HIRAL VILAS | P | P | P | P | P | A | P | P | P |
| 42 | 2022PA0030 | PATIL KANIKA VIJAY | A | P | A | P | A | P | A | P | P |
| 43 | 2022PA0039 | PATIL KOMAL KRISHNA | P | P | P | P | P | P | P | P | P |
| 44 | 2022PA0031 | PATIL NAMRATA SAHADEV | A | P | A | P | P | P | A | . | P |
| 45 | 2022PA0085 | PATIL PRANJAL MOTILAL | P | P | P | P | P | P | P | . | P |
| 46 | 2022PA0016 | PATIL SANSKRUTI UDAY | P | P | P | P | P | P | P | P | P |
| 47 | 2022PA0058 | PATIL SHRUTIKA GORAKHNATH | P | P | P | P | P | P | P | P | P |
| 48 | 2022PA0052 | PEDNEKAR PARTH PRAMOD | P | P | P | P | P | P | P | P | P |
| 49 | 2022PA0055 | PINTO ALAN WILLIAM | P | P | P | P | P | P | P | P | P |
| 50 | 2022PA0061 | PORE SHARADA ANANTA | P | P | P | P | P | P | P | P | P |
| 51 | 2022PA0011 | RAJASEKARAN TAARIKA | P | P | P | P | P | P | P | P | P |
| 52 | 2022PA0050 | RAO TANAYA SANTOSH | AB. | P | P | P | P | A | A | P | A |



SEM III (SECOND YEAR) B.ARCH 2023-24

Month : _____

Subject: _____

Faculty: _____

Assignment (Topic) : _____

| S.No. | Adm. No. | Student Name | ATTENDANCE | NO.OF SHEETS | SUBMISSION DATE | STUDENT'S SIGN | MARKS | RETURNED & RECEIVED STUDENT'S SIGN | RE-SUBMISSION DATE | IMPROVED MARKS | RETURNED DATE |
|-------|------------|--------------------------------|------------|--------------|-----------------|----------------|-------|------------------------------------|--------------------|----------------|---------------|
| | | | 30/08 | 4/09 | 06/09 | 11/09 | 13/09 | 18/09 | 25/09 | 27/09 | 4/10 |
| 53 | 2022PA0081 | REHMANI SHAHARBANU SALIM | P | P | P | P | A | A | A | P | P |
| 54 | 2022PA0090 | REPAL DIKSHA SASHARATH | P | P | P | P | P | A | A | P | P |
| 55 | 2022PA0078 | SARKAR PIYALE BIMAL | A | P | A | P | A | A | P | . | P |
| 56 | 2022PA0047 | SARMALKAR SUCHII SACHIN | P | A | P | P | P | A | A | . | AB. |
| 57 | 2022PA0043 | SHAH MAHI BHAVESH | A | P | P | P | A | A | P | . | P |
| 58 | 2022PA0073 | SHELAR CHAITANYA DEEPAK | P | P | P | P | P | P | P | . | P |
| 59 | 2022PA0069 | SHRIWARDHANKAR JANHAVI MANGESH | A | A | I | A.B. | I | A | A | . | P |
| 60 | 2022PA0037 | SINGH SHANU PRADEEP | P | P | P | AB | P | P | P | . | P |
| 61 | 2022PA0048 | SONAR PRATHAM ANIL | P | P | P | P | P | A | A | . | P |
| 62 | 2022PA0013 | SULE MRUNMAYEE YOGESH | P | A | P | P | P | A | P | . | P |
| 63 | 2022PA0025 | SURYAWANSHI SATYAJEET SHIVAJI | P | A | P | P | P | A | P | . | P |
| 64 | 2022PA0065 | TALMALE SHREYA DEVENDRA | P | A | P | AB | P | A | A | . | P |
| 65 | 2022PA0056 | TAMHANKAR ESHA SUDHIR | P | A | A | P | P | P | A | . | AB. |
| 66 | 2022PA0074 | TANDEL NISHANT JAGDISH | A | P | P | P | P | A | A | . | P |
| 67 | 2022PA0041 | TAWDE YUTIKA SUSHIL | P | P | P | P | P | A | P | . | P |
| 68 | 2022PA0072 | THAKKAR JAYANT HARISH | P | A | P | AB. | P | A | A | . | P |
| 69 | 2022PA0022 | WAKODE PRERNA VIDYANAND | P | P | P | P | P | A | P | . | P |
| 70 | 2022PA0082 | YUSUGADE PRACHETA PRASHANT | P | P | A | P | P | A | A | . | P |
| 71 | 2021PA0085 | KADU DEVRAJ GANESH | A | A | P | AB. | A | A | A | . | P |
| 72 | 2021PA0083 | MORE ATHARV RAJESH | P | A | P | AB. | A | A | A | . | P |
| | | TANMAS PATIL | P | P | P | P | P | P | P | . | P |
| | | CHAVAN SAKSHI | A | A | A | AB. | A | A | A | . | P |

PROVISIONAL ELIGIBLE TILL DECLARATION OF SEM 1 RESULT OF JULY 2023 EXAMINATION.



SEM III (SECOND YEAR) B.ARCH 2023-24

DESIGN WEEK (9/10/2023 TO 13/10/2023)

ATTENDANCE SHEET

| S.No. | Student Name | 9/10/2023 | 10/10/2023 | 11/10/2023 | 12/10/2023 | 13/10/2023 |
|-------|-------------------------------|-----------|------------|----------------|------------|----------------|
| 1 | ACHARYA AISHWARYA CHANDRAKANT | P ✓ | P | P | P | P |
| 2 | AMDOSKAR GANESH RAJENDRA | A | - | - | - | A |
| 3 | BIDKAR VED PRADOSH | P ✓ | P | P | P | P |
| 4 | BIRLA SAYLI MANOJ | P ✓ | P | P | P | A |
| 5 | BOTHRA BHAVIN JITENDRA | P ✓ | P | A | A | A |
| 6 | BOTTA HARINI RAVI | A | A | A | A | A |
| 7 | DALANE RUTUJA DATTUJI | P ✓ | P | P | P | A P |
| 8 | DALVI RADHIKA SURESH | P ✓ | P | P | P | P |
| 9 | DASALE UNNATI PRAKASH | P ✓ | P | P | P | P |
| 10 | DESHMUKH MAHASHANA SANDEEP | P ✓ | P | A | P | A |
| 11 | DESHMUKH RITESH | P ✓ | P | P | A | P |
| 12 | DEVDA YASH MOHAN | P ✓ | P | P | P | P |
| 13 | DHAMAL PREM NANDKISHOR | P ✓ | P | P | P | P |
| 14 | DHOPAVKAR LEENA AMIT | P ✓ | P | A P | A | P |
| 15 | GANGOTRI PARMESHWAR SHIVAJI | A | A | A | A | A |
| 16 | GAURI DEVARSH PREM | P ✓ | P | P | P | P |
| 17 | GHARGHE GRISHMA NAGORAO | P ✓ | P | P | P | P |
| 18 | GONDHALI RUDHRANI AMIT | P ✓ | P | P | P | P |
| 19 | HEMJITH ANCHAL | P ✓ | P | P | P | P |
| 20 | INGALE RUTUJA RAMESH | P ✓ | P | P | P | P |
| 21 | JAISON SAMUEL | A | P | P | P | P |
| | KADAM BHAKTI TUKARAM | P ✓ | P | P | P | P |
| | KADAM MANTHAN BALWANT | P ✓ | P | P | P | P |
| | KALE YASH DEVIDAS | P ✓ | P | P | P | P |
| | KATHIRIYA RUSHIL HEMANT | P ✓ | P | A | P | A P |
| | KEDARI SHUBHAM PRAVIN | A | A | A | A | A |



SEM III (SECOND YEAR) B.ARCH 2023-24

DESIGN WEEK (9/10/2023 TO 13/10/2023)

ATTENDANCE SHEET

| S.No. | Student Name | 9/10/2023 | 10/10/2023 | 11/10/2023 | 12/10/2023 | 13/10/2023 |
|-------|--------------------------------|-----------|------------|------------|------------|------------|
| 27 | KHAN TARANNUM RASHID | P ✓ | P | P | P | P |
| 28 | KOLI PRATHAMESH KISHOR | P ✓ | P | P | P | P |
| 29 | KOLI SUJAL RAVIRAJ | P ✓ | P | P | P | P |
| 30 | KOTARKAR SUSAN SURENDRA | P ✓ | P | P | P | P |
| 31 | MALI SANIT KAILASH | P ✓ | P | P | P | P |
| 32 | MANKUMBARE SHRAWANI ANKUSH | P ✓ | P | P | P | P |
| 33 | MHATRE RUTUJA DEEPAK | P ✓ | P | P | P | P |
| 34 | MITTAPELLY SAITEJA NELAVENDHAR | P ✓ | P | P | P | P |
| 35 | MORE MOHIT SACHINDRA | P ✓ | P | P | P | P |
| 36 | MORE PRACHI SUNIL | P ✓ | P | P | P | P |
| 37 | MORE SAI RAJENDRA | P ✓ | A | A | A | A |
| 38 | NAGPAL JOSHNA MUKESH | P ✓ | A | A | A | A |
| 39 | NAVALE SUROMAYI ROHDAS | P ✓ | P | P | P | P |
| 40 | PATIL HIRAL VILAS | P ✓ | P | P | P | P |
| 41 | PATIL KANIKA VIJAY | P ✓ | P | P | P | P |
| 42 | PATIL KOMAL KRISHNA | P ✓ | P | P | P | P |
| 43 | PATIL NAMRATA SAHADEV | P ✓ | P | P | P | P |
| 44 | PATIL PRANJAL MOTILAL | P ✓ | P | P | P | P |
| 45 | PATIL SANSKRUTI UDAY | P ✓ | P | P | P | P |
| | PATIL SHRUTIKA GORAKHNATH | P ✓ | P | P | P | P |
| | PEDNEKAR PARTH PRAMOD | P ✓ | P | P | P | P |
| | PINTO ALAN WILLIAM | P ✓ | P | P | P | P |
| | PURE SHARADA ANANTA | P ✓ | P | P | P | P |
| | RAJASEKARAN TAARIKA | P ✓ | P | P | P | P |
| | RAO TANAYA SANTOSH | P ✓ | P | P | P | P |
| | REHMANI SHAHARBANU SALIM | P ✓ | P | P | P | P |



SEM III (SECOND YEAR) B.ARCH 2023-24

DESIGN WEEK (9/10/2023 TO 13/10/2023)

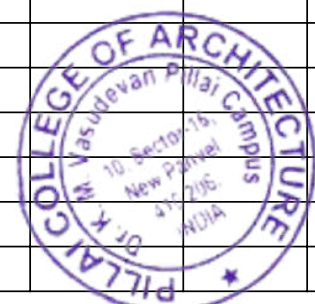
ATTENDANCE SHEET

| S.No. | Student Name | 9/10/2023 | 10/10/2023 | 11/10/2023 | 12/10/2023 | 13/10/2023 |
|-------|--------------------------------|-----------|------------|----------------|------------|----------------|
| 53 | REPAL DIKSHA SASHARATH | P P ✓ | P | P | P | P |
| 54 | SARKAR PIYALE BIMAL | P ✓ | P | A P | A | P |
| 55 | SARMALKAR SUCHII SACHIN | P ✓ | P | P | P | P |
| 56 | SHAH MAHI BHAVESH | P ✓ | P | P | P | P |
| 57 | SHELAR CHAITANYA DEEPAK | P ✓ | P | P | P | P |
| 58 | SHRIWARDHANKAR JANHAVI MANGESH | P | A | A | A | A |
| 59 | SINGH SHANU PRADEEP | P ✓ | P | P | P | P |
| 60 | SONAR PRATHAM ANIL | P ✓ | P | P | A | P |
| 61 | SULE MRUNMAYEE YOGESH | P ✓ | P | P | P | P |
| 62 | SURYAWANSHI SATYAJEET SHIVAJI | P ✓ | P | A P | P | P |
| 63 | TALMALE SHREYA DEVENDRA | P ✓ | P | A | A | A P |
| 64 | TAMHANKAR ESHA SUDHIR | P ✓ | P | P | P | P |
| 65 | TANDEL NISHANT JAGDISH | P ✓ | P | P | P | P |
| 66 | TAWDE YUTIKA SUSHIL | P ✓ | P | P | P | P |
| 67 | THAKKAR JAYANT HARISH | P ✓ | A | A | P | A |
| 68 | WAKODE PRERNA VIDYANAND | P ✓ | P | P | P | P |
| 69 | YUSUGADE PRACHETA PRASHANT | P ✓ | A | P | P | P |
| 70 | KADU DEVRAJ GANESH | P ✓ | P | A | P | A |
| 71 | CHAVAN SAKSHI HEMANTKUMAR | P ✓ | P | A | P | A |
| 72 | PATIL TANMAY DEEPAK | P ✓ | P | P | P | P |

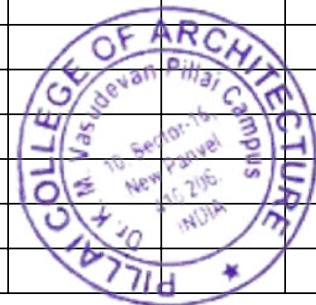


SEM III (SECOND YEAR) B.ARCH 2023-24

| Defaulters List - 17th July 2023 - 31st August 2023 In case of NO DEFAULTERS please mention it in your subject column. | | | AD | ALLIED DESIGN | BUILDING CONST. | BUILDING SERVICES | EVS | TOS | HUMANITIES | ARCH THEORY | ARD | COLLEGE PROJECTS | ELECTIVE |
|---|------------|-------------------------------|--------|---------------|-----------------|-------------------|---------|--------|-------------|-------------|-------|------------------|----------|
| | | | VRINDA | SAYALEE | SASMIT | SHUBHANGI BHIDE | ASHWINI | SHITAL | JINU KURIAN | JINU KURIAN | KEDAR | JAYRAJ | NEHA D. |
| 1 | 2022PA0070 | ACHARYA AISHWARYA CHANDRAKANT | | | | D | | | | | D | D | |
| 2 | 2022PA0008 | AMDOSKAR GANESH RAJENDRA | D | | | | | D | | | D | | |
| 3 | 2022PA0012 | BIDKAR VED PRADOSH | | D | | | | | | | | D | |
| 4 | 2022PA0088 | BIRLA SAYLI MANOJ | D | | D | | D | | | | D | D | |
| 5 | 2022PA0034 | BOTHRA BHAVIN JITENDRA | D | | D | | | | | | D | D | |
| 6 | 2022PA0053 | BOTTA HARINI RAVI | D | | | | D | | | | D | D | |
| 7 | 2022PA0059 | DALANE RUTUJA DATTUJI | | | | | | | | | | | |
| 8 | 2022PA0044 | DALVI RADHIKA SURESH | | | | | | | | | D | | |
| 9 | 2022PA0075 | DASALE UNNATI PRAKASH | | | | | | | | | D | | |
| 10 | 2022PA0029 | DESHMUKH MAHASHANA SANDEEP | D | D | | D | | | | | D | D | |
| 11 | 2022PA0042 | DESHMUKH RITESH | | | D | | | | | | D | | |
| 12 | 2022PA0040 | DEVDA YASH MOHAN | | | | | | | | | | | |
| 13 | 2022PA0067 | DHAMAL PREM NANDKISHOR | | | | | | | | | | | |
| 14 | 2022PA0014 | DHOPAVKAR LEENA AMIT | | | | | | | | | | | |
| 15 | 2022PA0060 | GANGOTRI PARMESHWAR SHIVAJI | D | D | D | D | D | D | | | D | D | |
| 16 | 2022PA0017 | GAURI DEVARSH PREM | D | | | D | | | | | D | D | |
| 17 | 2022PA0064 | GHARGHE GRISHMA NAGORAO | D | | | | | D | | | | | |
| 18 | 2022PA0051 | GONDHALI RUDHRANI AMIT | | | | | | | | | D | | |
| 19 | 2022PA0020 | HEMJITH ANCHAL | | | | | | | | | | | |
| 20 | 2022PA0024 | INGALE RUTUJA RAMESH | | | | | | | | | | | |
| 21 | 2022PA0032 | JAISON SAMUEL | D | D | D | D | D | | | | D | | D |
| 22 | 2022PA0036 | JOSHI JAY PRAMOD | D | D | D | | D | D | | | D | | D |
| 23 | 2022PA0054 | KADAM BHAKTI TUKARAM | | | | | | | | | | D | |
| 24 | 2022PA0068 | KADAM MANTHAN BALWANT | | | | | | | | | D | | |
| 25 | 2022PA0035 | KALE YASH DEVIDAS | D | | | | | D | | | D | D | |
| 26 | 2022PA0028 | KATHIRIYA RUSHIL HEMANT | D | | | | | | | | D | | |
| 27 | 2022PA0066 | KEDARI SHUBHAM PRAVIN | D | D | D | D | | D | | | D | D | D |
| 28 | 2022PA0077 | KHAN TARANNUM RASHID | D | | D | | D | | | | D | D | |



| | | | | | | | | | | | | | |
|----|------------|--------------------------------|---|---|---|---|---|---|---|--|---|---|---|
| 29 | 2022PA0063 | KOLI PRATHAMESH KISHOR | | | | | | | | | D | | |
| 30 | 2022PA0018 | KOLI SUJAL RAVIRAJ | | | | | | | | | D | | |
| 31 | 2022PA0023 | KOTARKAR SUSAN SURENDRA | | | | | | | | | | | |
| 32 | 2022PA0015 | MALI SANIT KAILASH | D | D | | D | D | | | | D | | |
| 33 | 2022PA0062 | MANKUMBARE SHRAWANI ANKUSH | D | | | | | | | | D | | |
| 34 | 2022PA0027 | MHATRE RUTUJA DEEPAK | | | | | | | | | | | |
| 35 | 2022PA0083 | MITTAPELLE SAITEJA NELAVENDHAR | D | | | | | | | | D | | D |
| 36 | 2022PA0049 | MORE MOHIT SACHINDRA | D | | | | | | D | | D | | |
| 37 | 2022PA0026 | MORE PRACHI SUNIL | | | | | | | | | D | | |
| 38 | 2022PA0057 | MORE SAI RAJENDRA | D | | D | | | | D | | D | D | |
| 39 | 2022PA0084 | NAGPAL JOSHNA MUKESH | D | | D | | | | | | D | D | |
| 40 | 2022PA0080 | NAVALE SUROMAYI ROHDAS | | | | | | | | | | D | |
| 41 | 2022PA0019 | PATIL HIRAL VILAS | | | | | | | | | | | |
| 42 | 2022PA0030 | PATIL KANIKA VIJAY | D | D | | D | | | | | D | | |
| 43 | 2022PA0039 | PATIL KOMAL KRISHNA | | | | | | | | | D | | |
| 44 | 2022PA0031 | PATIL NAMRATA SAHADEV | D | D | | D | | | | | D | D | |
| 45 | 2022PA0085 | PATIL PRANJAL MOTILAL | | | | | | | | | D | | |
| 46 | 2022PA0016 | PATIL SANSKRUTI UDAY | | | | | | | | | D | | |
| 47 | 2022PA0058 | PATIL SHRUTIKA GORAKHNATH | | | | | | | | | | | |
| 48 | 2022PA0052 | PEDNEKAR PARTH PRAMOD | | | | | | | | | | | |
| 49 | 2022PA0055 | PINTO ALAN WILLIAM | | | | | | | | | | | |
| 50 | 2022PA0061 | PORE SHARADA ANANTA | | | | | | | | | D | | |
| 51 | 2022PA0011 | RAJASEKARAN TAARIKA | | | | | | | | | D | | |
| 52 | 2022PA0050 | RAO TANAYA SANTOSH | D | D | | | | | | | D | | |
| 53 | 2022PA0081 | REHMANI SHAHARBANU SALIM | | | D | D | | D | | | D | | |
| 54 | 2022PA0090 | REPAL DIKSHA SASHARATH | D | | | | | | | | | | |
| 55 | 2022PA0078 | SARKAR PIYALE BIMAL | D | | D | D | D | D | | | D | D | |
| 56 | 2022PA0047 | SARMALKAR SUCHII SACHIN | D | | | | | D | | | D | D | |
| 57 | 2022PA0043 | SHAH MAHI BHAVESH | | | | | | | | | D | | |
| 58 | 2022PA0073 | SHELAR CHAITANYA DEEPAK | | | | | | D | | | D | D | |
| 59 | 2022PA0069 | SHRIWARDHANKAR JANHAVI MANGESH | D | D | D | D | D | D | | | D | D | D |
| 60 | 2022PA0037 | SINGH SHANU PRADEEP | | | | | | | | | D | | |
| 61 | 2022PA0048 | SONAR PRATHAM ANIL | D | D | D | | D | D | | | D | | |
| 62 | 2022PA0013 | SULE MRUNMAYEE YOGESH | | | | | | | | | D | | |



| | | | | | | | | | | | | | |
|----|------------|-------------------------------|---|---|---|---|---|---|--|--|---|---|---|
| 63 | 2022PA0025 | SURYAWANSHI SATYAJEET SHIVAJI | | | | | | D | | | D | | |
| 64 | 2022PA0065 | TALMALE SHREYA DEVENDRA | D | D | D | D | D | | | | D | D | |
| 65 | 2022PA0056 | TAMHANKAR ESHA SUDHIR | D | D | | D | | | | | D | D | D |
| 66 | 2022PA0074 | TANDEL NISHANT JAGDISH | | | D | | | | | | | | |
| 67 | 2022PA0041 | TAWDE YUTIKA SUSHIL | | | | | | | | | | | |
| 68 | 2022PA0072 | THAKKAR JAYANT HARISH | D | | | | | D | | | D | D | |
| 69 | 2022PA0022 | WAKODE PRERNA VIDYANAND | D | | | | | | | | D | | |
| 70 | 2022PA0082 | YUSUGADE PRACHETA PRASHANT | D | | | D | D | | | | D | | |
| 71 | 2021PA0085 | KADU DEVRAJ GANESH | D | D | D | | | D | | | D | | |
| 72 | 2021PA0083 | MORE ATHARV RAJESH | D | D | D | D | | D | | | D | D | D |
| 73 | 2021PA0076 | CHAVAN SAKSHI HEMANTKUMAR | D | D | D | D | D | D | | | D | D | D |
| 74 | | PATIL TANMAY | | | | | | | | | D | D | |

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Pillai College of Architecture, New Panvel
MARKS REVIEW MEETING (2024-25)
SEMESTER V

MINUTES OF THE MEETING

Date: 04st October 2024

Time: 01:10 p.m.

Location: Conference Room

Agenda:

- Review of Final Marks for Semester 5
- Discussion on Defaulter Students
- Consideration of Extensions and Assignments for Defaulters
- Identification of Final Defaulters

The meeting commenced at 1:10 p.m. in the college conference room.

Each subject in-charge presented the compiled marks for their respective subjects. The status of all subjects was discussed, highlighting areas of concern, particularly defaulter students.

Discussion on Defaulter Students

Emphasis was placed on identifying students who had failed more than one subject due to irregular attendance and lack of participation but had the potential to achieve the desired outcome if given a chance. It was approved to address the defaulter students and provide them with an opportunity to improve their grades.

Consideration of Extensions and Remedial Marking

An extension was proposed for defaulter students to clear their subjects. Defaulter students must submit the assignments given by the respective faculty members within a specified time frame. The class in-charge will prepare a notice stating the remedial marking dates along with the list of defaulters and circulate it to the students.

Identification of Final Defaulters

Students who had not attended college throughout the semester and failed more than two subjects with poor academic records were identified as final defaulters. It was unanimously decided that these students would not be given another chance to clear their subjects, considering the extent of their academic deficiencies and lack of commitment.

All subject faculty members are requested to submit final internal marks to the exam department by 7th October 2024. The exam department will prepare and release a list of final defaulters and share it with the students before the commencement of the final exams.

Action Items:

- Subject in-charges to assign remedial work for defaulters.
- Subject in-charges to update the spreadsheet of compiled marks for Semester 5.
- Subject in-charges to submit revised marks to the exam department.



Pillai College of Architecture, New Panvel
MARKS REVIEW MEETING (2024-25)
SEMESTER V



Pillai College of Architecture, New Panvel
MARKS REVIEW MEETING (2024-25)
SEMESTER V



Mahatma Education Society's
PILLAI COLLEGE OF ARCHITECTURE
Dr.K.M.Vasudevan Pillai Campus
10, Sector-16, New Panvel.

Attendance Sheet
of
Internal Marks Review Meeting of Sem 5 AY 2024-25
Date: 04.10.2024

| Sr.No. | Subject Name | Faculty Name | Sign |
|--------|---------------------------|----------------------|-----------------|
| 1. | ELECTIVE (P.M.) | Neha Deshpande | Neha |
| 2. | TOS I | shital v. moelapalle | Shital |
| 3. | ARD | shital v. moelapalle | Shital |
| 4. | ALLIED DESIGN (LANDSCAPE) | JUI V CHOUGHULE | Jui V Choughule |
| 5. | ARCH. BLDG. SERVICES III | JUI V CHOUGHULE | Jui V Choughule |
| 6. | College Project (W.D.) | Suvarna Thakare | Suvarna Thakare |
| 7. | Electives. | Sarojini Lohar | Sarojini |
| 8. | 505 Humanities 5 | Smita Dalvi | Smita |
| 9. | 501 AD | Ajita Deodhar | Ajita |
| 10. | Principal. | Sudhya Mahimkar. | Sudhya |
| | | | |
| | | | |
| | | | |
| | | | |

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Ajita Deodhar <ajitadeodhar@mes.ac.in>

MOM of Marks Review Meeting of Semester 5_AY 2024-25

1 message

Ajita Deodhar <ajitadeodhar@mes.ac.in>

Mon, Oct 14, 2024 at 4:33 PM

To: Smita Dalvi <smitadalvi@mes.ac.in>, Sarojini Lohot <slohot@mes.ac.in>, SNEHAL SHIRISH GHAG <snehalghag@mes.ac.in>, Shital Marlapalle <m.shital@mes.ac.in>, "NEHA S. DESHPANDE" <nehadeshpande@mes.ac.in>, Suvarna Thakre <suvarnathakre@mes.ac.in>, Jui Choughule <juichoughule@mes.ac.in>
Cc: "Dr. Sudnya Mahimkar" <sudnyamahimkar@mes.ac.in>

Dear All,

Please find attached the PDF for the Minutes of the Meeting (MOM) of the Marks Review meeting held on 4th October 2024 for Semester 5.

Thank you.

Best regards

Ajita Deodhar

Associate Professor

Pillai College of Architecture (Mumbai University)

PiCA Website | MES Website

Follow Us



 **Marks Review Meeting 04.10.24.pdf**
449K



PILLAI COLLEGE OF ARCHITECTURE, NEW PANVEL

Term I - AY 2023 - 24 - Sem: 7



| Subject: ARCH. DESIGN. | | Professor/s | |
|------------------------|---|---------------------------|----------------------|
| Date | Topics Covered in Lecture | Assignment Introduced | Assignment Submitted |
| 05.06.23 | INTRODUCTION TO THE STUDIO | SOCIAL HOURS. CASE STUDY. | |
| 09.06.23 | NO CLASS | | |
| 12.06.23 | DISCUSSION ON SITE VISIT (CHEERUP) | | |
| 16.06.23 | DISCUSSION ON CASE STUDIES. | | |
| 19.06.23 | DISCUSSION ON SITE DOCUMENTATION. | | |
| 23.06.23 | PRESENTATION OF CASE STUDIES (SOCIAL HOUSING) | | |
| 26.06.23 | DRAFT PRESENTATION OF DISCUSSION ON SITE | | |
| 03.07.23 | SITE ANALYSIS DOCUMENTATION. | | |
| 07.07.23 | STUDY VISIT. | | |
| 10.07.23 | SUMMERIZATION DESIGN AGENCIES. | | |
| 14.07.23 | MODULE ON UNIT DESIGN. | | |
| 17.07.23 | PRESENTATION WORKSHOP. | | |
| 21.07.23 | GUEST LECTURE | | |

24.07.23. CASE STUDY MAKING

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PILLAI COLLEGE OF ARCHITECTURE, NEW PANVEL

Term - AY 2023-24 - Sem: 7



| Subject: ARCHITECTURAL DESIGN | | Professor/s | | PROF. BURAY VADAY A | |
|-------------------------------|---|-----------------------|----------------------|---------------------|--------------------|
| Date | Topics Covered in Lecture | Assignment introduced | Assignment Submitted | Students' Signature | Signature |
| 31.07. | DISCUSSION ON UNIT DESIGNS/ORGANIZATIONS. | | | <i>[Signature]</i> | <i>[Signature]</i> |
| 04.08 | " " | | | <i>[Signature]</i> | <i>[Signature]</i> |
| 07.08 | MARKING FOR UNIT DESIGNS. | | | <i>[Signature]</i> | <i>[Signature]</i> |
| 11.08 | DISCUSSION ON SCHEMATIC LAYOUT. | | | <i>[Signature]</i> | <i>[Signature]</i> |
| 14.08 | INDIVIDUAL GROUP J O R Y. (MARKING) | | | <i>[Signature]</i> | <i>[Signature]</i> |
| 18.08 | DISCUSSION ON PARKING LAYOUTS. | | | <i>[Signature]</i> | <i>[Signature]</i> |
| 21.08 | INDIVIDUAL GROUP DISCUSSIONS. | | | <i>[Signature]</i> | <i>[Signature]</i> |
| 25.08 | C R O S S J O R Y (SCHEMATIC LAYOUT, UNIT PLANS.) | | | <i>[Signature]</i> | <i>[Signature]</i> |
| 28.08 | | | | <i>[Signature]</i> | <i>[Signature]</i> |
| 01.09 | RE JULY. (SATISFACTORY WORK NOT DONE ENTIRE STUDY.) | | | <i>[Signature]</i> | <i>[Signature]</i> |
| 04.09 | PRESENTATION ON GENERATING FORMS OF ARCHITECTURE. | | | <i>[Signature]</i> | <i>[Signature]</i> |
| 08.09 | DISCUSSION ON DESIGN ELEMENTS ON FACADES. | | | <i>[Signature]</i> | <i>[Signature]</i> |
| 11.09 | DISCUSSION IN INDIVIDUAL GROUPS. | | | <i>[Signature]</i> | <i>[Signature]</i> |

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| | | | | |
|--|----------------------|---------------------|----------------------------------|-------------------|
| M.E.S. | | | | |
| PILLAI COLLEGE OF ARCHITECTURE , New Panvel | | | | |
| C O U R S E R E P O R T | | | | |
| Subject – Allied Design | | Term:I | | AY:2023-24 |
| Course Code:BARC 302 | Credits : 4 | Semester:III | No of Periods per week :4 | |
| Total Marks: 100 | Internal :100 | External :00 | Theory Paper : | nil |

| | |
|-----------------|---|
| Faculty: | Subject coordinator :Sayalee Kulkarni Team Members: Profs. Jayraj Ghatge, Moushumi Kulkarni, Gauri Damle |
|-----------------|---|

Attach Following documents:

| |
|---|
| Photographs of students work wrt each assignment |
| Format 12 - SWD ppt in given format - 2 best works and 4 average works of each assignment |
| Students attendance of semester scanned |
| Format 3 -Topics Covered format scanned |

INTRODUCTION:

Methodology (All the following points must be addressed in ALL subjects)

Aim: To introduce Interior design subject to the students and develop a thorough understanding of Interior environment, human comfort and interior planning. The intent is to treat the subject with clarity, and make it as accessible as possible and stimulate further in depth study and research

Objectives:-

- To enhance the creativity, imagination and innovation through various elements of Interior design
- To study and analyze the interior of ones home, where an individual experiences most of his comfort
- To inculcate the connection between human needs, activities, spatial characteristics, human response to the interior, ergonomics, and furniture design
- To get an understanding on the interior materials and overall material palette.
- To understand the basics of space planning.



To generate interior design drawings with an understanding of the depth of detailing required.

PROCESS: (Please elaborate pointwise)

1. Please explain the methods of Conduction of classes and studios wrt aim and objectives.

The subject aims to improve the creativity and imagination of the students while designing the interior spaces of their home in an innovative way. It helped students understand the connection between human needs, activities, spatial characteristics, human response to the interior, ergonomics, furniture design and various other aspects of interior designing as well. The exercises induced helped students understand the basics of space planning through the design development process. This improved their theoretical knowledge as well as their technical thinking. The students got to know the current market trends of materials and their costs as the students were engaged in the market study through market surveys. They got to decide on the colour and material palette to implement in their designs.

2. Tools and techniques used for course conduction.

The introductory topics were discussed with the students through powerpoint presentations in which reference images were shown to the students related to the topic. The detailing that is required in interior design drawings was shown to the students by drafting them on the board. The students were made to interact with the class through presentation to share their market survey studies

3. Which are the innovative approaches adopted in this semester?

The studios were mostly in the form of working studios where students were made to work in class to get utmost output with an understanding of the subject. The students were able to clarify their doubts in the studio itself, which ultimately boosted the work speed. The idea of having more of working studios actually helped in completing the design projects well within the stipulated time as per the schedule.

4. Explain the approaches used to encourage library usage by students and faculty.

The students were introduced to an assignment in which they had to measure the furniture at their residing homes and compare them to the standard sizes. The standard sizes were asked to derive, referring to the books from the library. The list of reference books was shared with the students during the class.

5. How and to what extent, the aim and objectives are achieved.

The objectives of the course were set in a way that students are able to understand, analyse and design their home interior in a very creative and innovative way. The objectives were well achieved as the students were able to understand the importance of interior design and could design a space keeping in mind its function as well as make it aesthetically appealing. They were able to analyse their furniture at home w.r.t. the standard sizes required to achieve comfort related to human activities. They were able to know the

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current market trends and applied them to their design.

6. Extent of horizontal and vertical integration achieved.

the subject was vertically integrated to their Architectural design exercises where the students study ergonomics. the anthropometrical study was related to the furniture in the house and their relation to the space planning. horizontally the subject was integrated with the college project where the students drafted their interior plans in autocad as an introductory exercise of the students to autocad.

7. Extent of adherence to the Course Plan and schedule of submission prepared before the course started.

The entire program for the course conduction is planned before hand in order to avoid any collation with major submissions or major events that are expected in the semester. The schedule was very much followed by the students as well as the faculties except for the pre final and final submissions as students demanded for the extended submission time for their final submissions.

8. Explain with the help of each assignment and students work.

9. Scope for improvement in future (next year).

Interior design has a very vast array of perceptions, opinions and options. however a very practical approach to the subject would help students understand how the interior design projects work. the students need to posses the skillset that would lead them to employability once they are out from the academics. inculcating the practical approach in teaching is the need while planning the next term of interior design.

10. Mention if any guest lectures, site visits or workshops conducted under this subject to increase general or focused understanding of the subject.

No site visits and guest lectures were conducted in this semester.



| Course Plan Submitted v/s completed | | | | |
|-------------------------------------|---|--|--------------------------------|--|
| Subject: | | | Course Code | |
| Faculty: | | | | |
| WEEK | TOPIC TO BE COVERED | ASSIGNMENT | Adhered to the schedule or not | Which COs are aligned to each lecture and assignment |
| 1 | Introduction to Interior design, project introduction | User study and analysis | yes | CO1 |
| 2 | Space planning introduction, std. furniture sizes of the furniture at home. | Library study | yes | CO2 |
| 3 | Market survey on materials | Ppt. on the collected materials and sample display | yes | CO3 |
| 4. | Plans with material incorporation | Working studio | yes | CO5 |
| 5,6 | Design development | Working studio | yes | CO4 |
| 7,8, | Sectional elevations | Working studio | yes | |
| 9 | Prefinal submission | | late | |
| 10 | Prefinal submission | | yes | |
| 11 | Final submission | | yes | |

How COs are aligned to each lecture and assignment and assess the outcomes wrt the same: (Explain in detail)



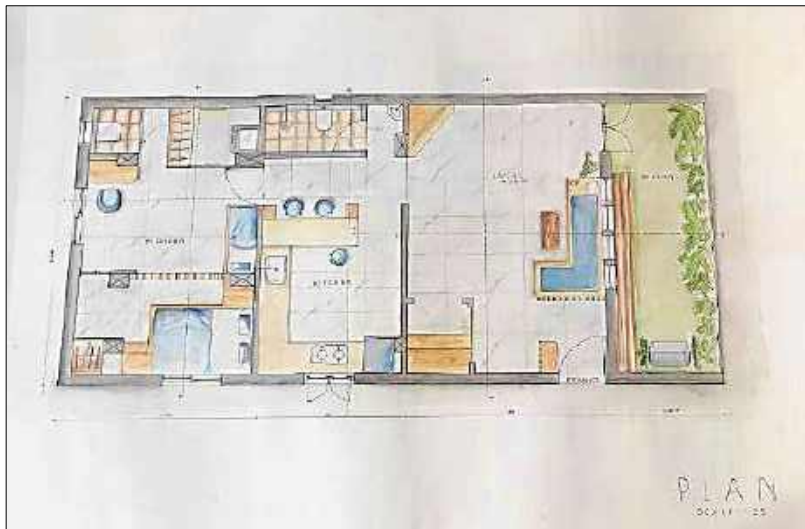
| Course Outcomes | |
|---|--|
| At the end of this course, students will be able to | |
| CO1: | students know the importance of interior design and how they can make a space functional as well as aesthetically appealing as per the user requirement. |
| CO2: | students are able to study and analyse the standard sizes of the objects that are in a space and their relation with the space as well. |
| CO3: | students know the current market trends of interior materials |
| CO4: | students can plan the internal spaces through understanding of space planning. |
| CO5: | students can generate the drawings with details as required for interior design working drawings. |

| Topics Covered | Sub-Topics/ Chapters covered | COs | Total Weight |
|----------------|---|--|--------------|
| 1 | introduction to interior design and space planning. | presentation on how to plan living rooms, kitchens, bedrooms in different ways of furniture arrangements | CO1 20% |
| 2 | user study | to study the requirements of all the users in the home and analyzing them | CO1 20% |
| 3 | standard sizes and existing sizes | study the actual sizes of the furniture room wise in the house and their standard sizes referring the books in | CO2 10% |
| 4 | market survey | introduction to various types of materials available in market for various interior designing purposes. | CO3 10% |
| 5 | conceptualizing the designs | decide the theme of the design as per the user requirement and user analysis | CO4 20% |
| 6 | plans | prepare the detail plans as per the final concept | CO5 20% |
| 7 | sectional elevations | prepare the detail sectional elevations | 20% |

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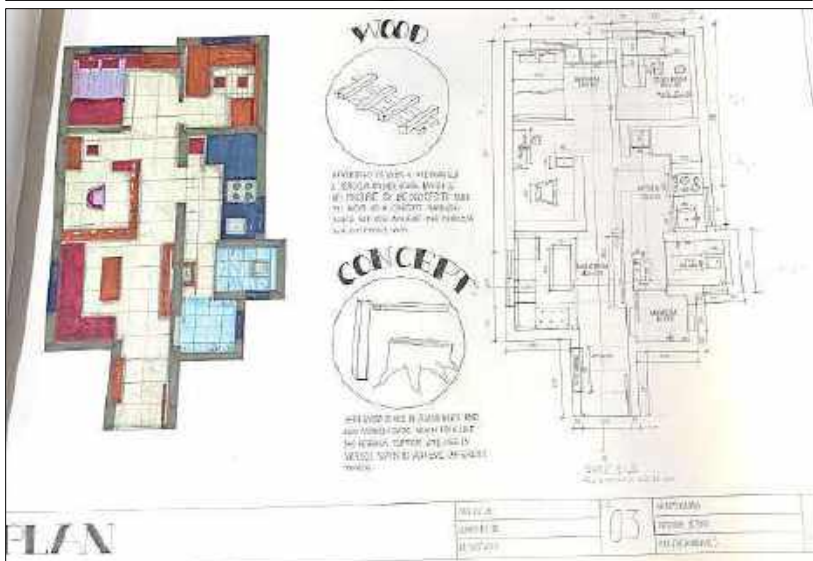


IMAGES OF STUDENTS WORK (EACH ASSIGNMENT) TO EXPLAIN THE ACHIEVEMENTS TO BE COMPOSED BY IN-CHARGES IN THE PPT - FORMAT 12.



Am...





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USER 1: MOTHER
 ASKING IT TO BE A PART OF THE...
 SHEET 1 OF 2

USER 2: FATHER
 THERE IS A VERY SPECIAL...
 SHEET 2 OF 2

USER 3: SISTER
 I WANT A ROOM...
 SHEET 3 OF 2

USER 4: MYSELF
 I WANT A ROOM...
 SHEET 4 OF 2

USER ANALYSIS

| | | | |
|-------------|----|--------------|--|
| PROJECT NO. | 01 | START DATE | |
| DATE | | PROJECT NO. | |
| DESIGNER | | PROJECT NAME | |

SECTION AA **SECTION BB**

SECTION CC **SECTION DD**

SECTION EE **SECTION FF**

TO ORGATE **TO HIDE CLOTHING** **TO HIDE TV** **TO DISTURBE**

INTERIOR ELEVATION

USER ANALYSIS

USER 1: MOTHER

USER 2: FATHER

USER 3: MYSELF

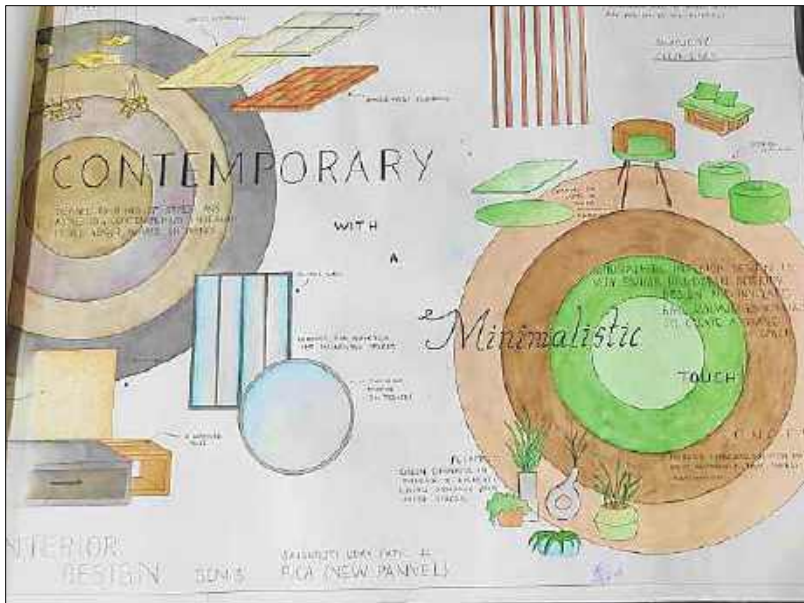
USER 3: SISTER

INTERIOR DESIGN

SANGRAT, DEVI PATIL
 (10/10/2020)

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USER ANALYSIS

My Father's preferences for Interior Design

BOLD DARK THEME

- THE USE OF DARK COLOURS TO GIVE A BOLD LOOK TO THE SPACE
- WARM LIGHTING TO CONTRAST THE DARK COLOURS
- WALLS WITH ARTWORKS AND PHOTOGRAPHS
- TEXTURED FABRICS IN THE LIVING ROOM
- KEEP THE WARDROBE

FEELS:

- ELEGANT
- LUCKY
- GRABATIE

My Mother's preferences for Interior Design

modern

Essential items:

- LINE AND UNCLUTTERED SPACE
- KEEP FUNCTIONAL SEATING AND FURNITURES
- WALLS PAINTED WITH LIGHT PASTEL TONES OR SIMPLE PATTERNED WALLPAPER
- KEEPING AN OPEN KITCHEN
- AVOID EVERY PART OF THE SPACE FUNCTIONAL

FEELS:

- MODERN
- WASTEL
- FUNCTIONAL
- ELEGANT

My preference for Interior Design

BOHEMIAN

- SOFT PASTEL COLOURS TO GIVE A BOLD LOOK TO THE SPACE
- WALLS WITH ARTWORKS AND PHOTOGRAPHS
- TEXTURED FABRICS IN THE LIVING ROOM
- KEEP THE WARDROBE
- KEEP THE WARDROBE
- KEEP THE WARDROBE

FEELS:

- CONTEMPORARY
- ACCESSIBLE
- WARM
- ELEGANT



M.K.



**MAHATMA EDUCATION SOCIETY'S
PILLAI COLLEGE OF ARCHITECTURE, New Panvel
RESULT ANALYSIS - B.ARCH STUDENT DETAILS OF AY 2023-24**

| CATEGORIES | 2023-24 | | Percentage of Passed students |
|------------|-------------------|--------------------------------------|-------------------------------|
| | Students Appeared | Students passed out in semester wise | |
| Sem I | 67 | 42 JAN 2024 | 62.69 |
| Sem II | 62 | 46 APR 2024 | 74.19 |
| Sem III | 65 | 51 OCT 23 | 78.46 |
| Sem IV | 57 | 52 APR 2024 | 91.23 |
| Sem V | 55 | 41 OCT 23 | 74.55 |
| Sem VI | 68 | 54 APR 2024 | 79.41 |
| Sem VII | 50 | 48 OCT 23 | 96.00 |
| Sem VIII | 58 | 58 JUNE 24 | 100.00 |
| Sem IX | 73 | 71 OCT 23 | 97.26 |
| Sem X | 73 | 71 APR 24 | 97.26 |
| AVERAGE | | | 85.10 |

Sem X = Final Year

Abbreviation:UOM =University of Mumbai

Principal

Entered By

Verified By



**MAHATMA EDUCATION SOCIETY'S
PILLAI COLLEGE OF ARCHITECTURE, New Panvel
RESULT ANALYSIS -M.ARCH (Urban Design) STUDENT DETAILS OF AY 2023-24**

| CATEGORIES | 2023-24 | | Percentage of Passed students |
|----------------|-------------------|--------------------------------------|-------------------------------|
| | Students Appeared | Students passed out in semester wise | |
| Sem I | 3 | 3 JAN 2024 | 100.00 |
| Sem II | 3 | 3 APR 2024 | 100.00 |
| Sem III | 6 | 6 NOV 23 | 100.00 |
| Sem IV | 6 | 6 Apr 2024 | 100.00 |
| AVERAGE | | | 100.00 |

Abbreviation:UOM =University of Mumbai

Entered By

Verified By



Principal



Sem II - 2023-24 - Course Evaluation

52 responses

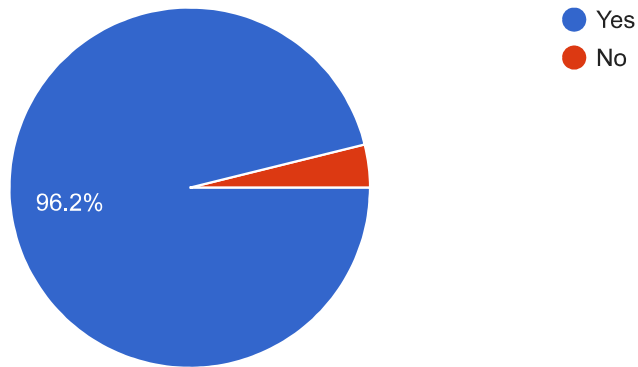
[Publish analytics](#)

UoM Architecture Syllabus

Are you satisfied with the syllabus structure by Mumbai University?

 [Copy](#)

52 responses



Please give your suggestions to improve the syllabus if any.

13 responses

No

NA

All topics should be covered in 2 to 3 lessons

Building materials lecture should be more of physical material studies than of making presentation every lecture

No suggestions

I will suggest to to have more time to complete syllabus so we can focus on important topics

I'm satisfied with the syllabus

If we can focus more on drafting and sketching of buildings than painting and drawing random patterns

Semester ended very early, did not get proper time to understand and study.

I think not any improvement any subjects

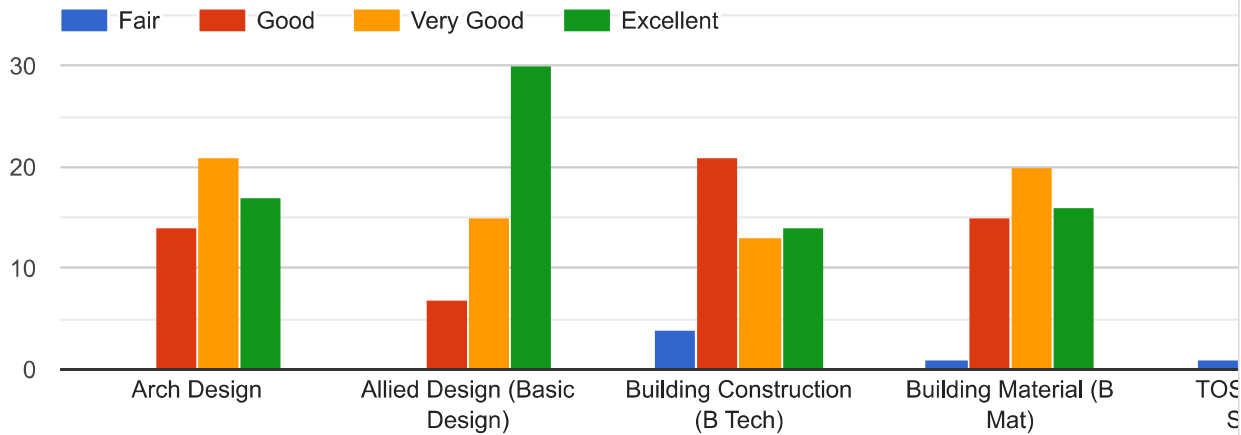
More interesting assignments will be appreciated

Courses Feedback





How do you rate the teaching of individual subjects? Your satisfaction level and learning experience in them.



Please give your experience or suggestions to improve further or to appreciate for any of the above courses that you learnt last semester.

8 responses

NA

Their should be revision lecture included for every subject so that students can discuss their doubts on common ground.

I love lerning college project subject and electives with our respective faculty

More problem solving and guidance to new things

Thank you for being more than just a teachers you are mentor and inspiration I appreciate the time you put into lesson preparation it's really shines through in your teaching.

More interesting assignments would be expected next year

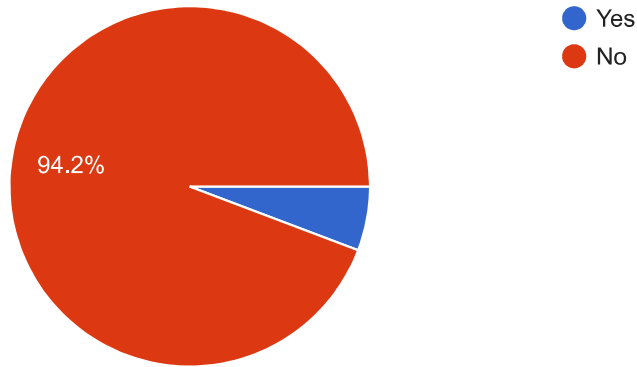
Prof. Shubhangi Bhide



Has Prof. Shubhangi Bhide taught to you?

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52 responses



Prof. Shubhangi Bhide

Teaching methods, Communication and Personality

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Any additional suggestion

0 responses

No responses yet for this question.

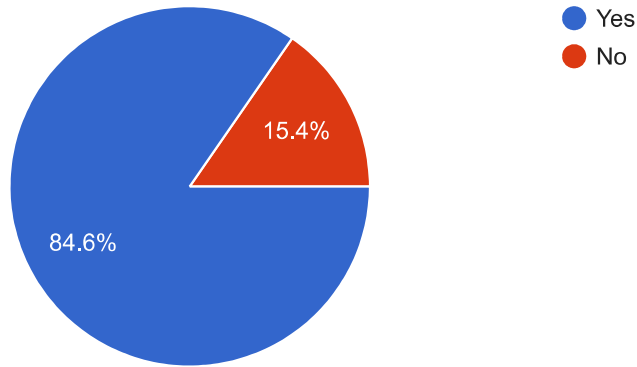
Prof. Rupali Vaidya



Has Prof. Rupali Vaidya taught to you?

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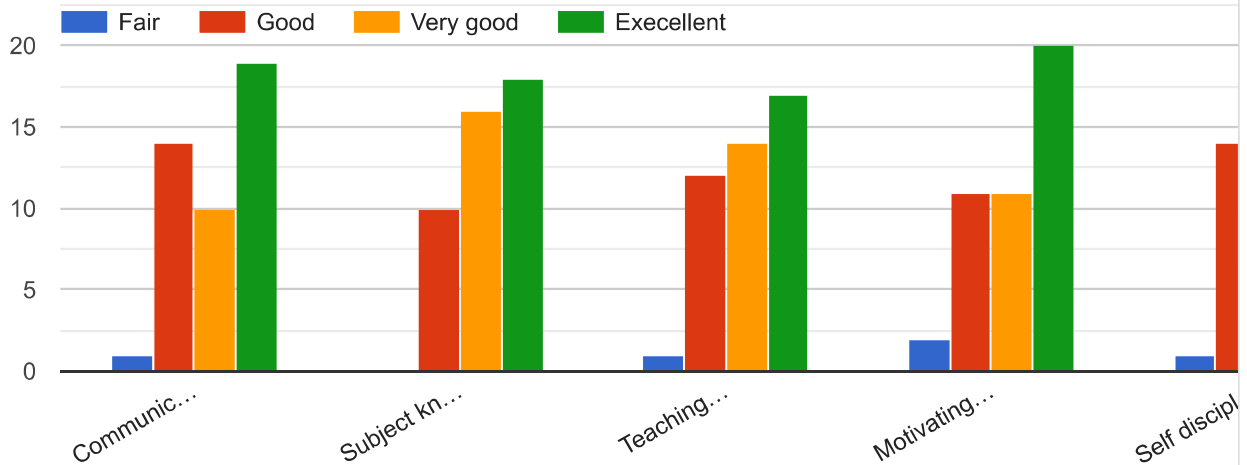
52 responses



Prof. Rupali Vaidya

Teaching methods, Communication and Personality

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Any Additional Suggestion

1 response

No

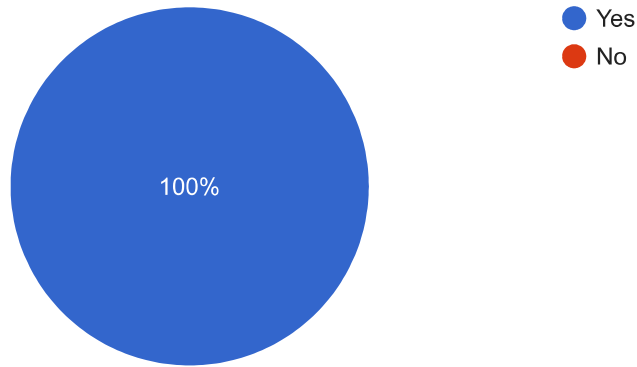
Prof. Ashwini Bhosale



Has Prof. Ashwini Bhosale taught to you?

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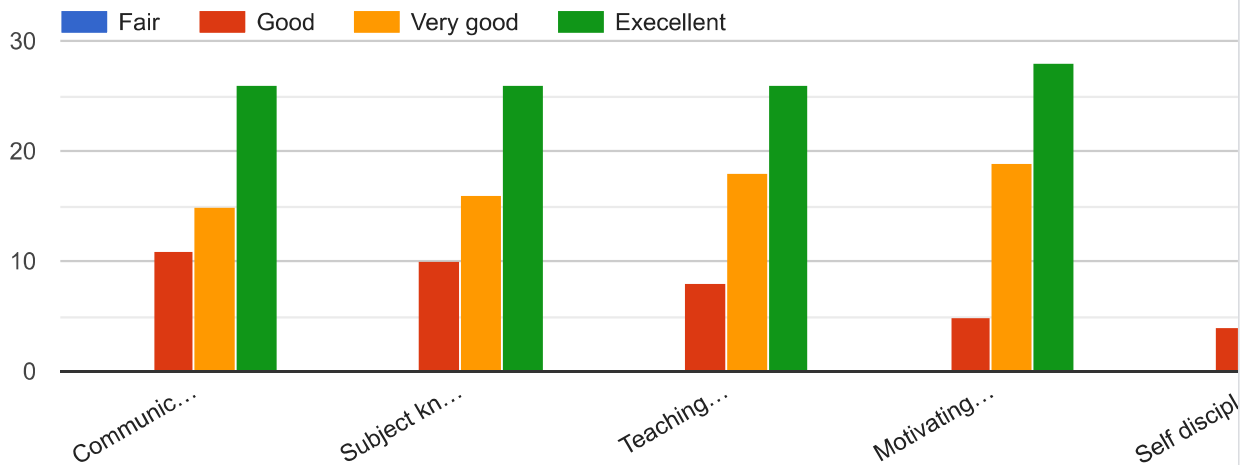
52 responses



Prof. Ashwini Bhosale

Teaching methods, Communication and Personality

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Any Additional Suggestion

3 responses

NA

No

Please keep mam our 2nd Year class in-charge

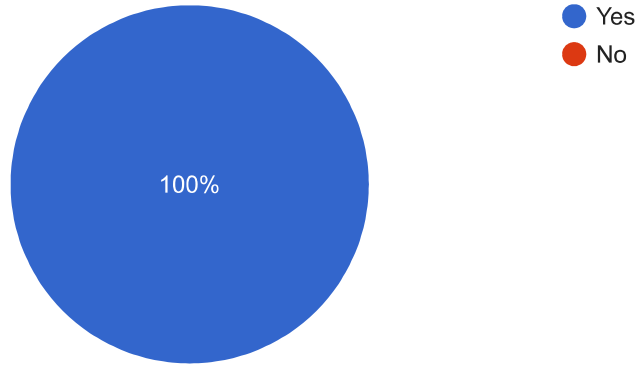
Prof. Jinu Kurien



Has Prof. Jinu Kurien taught to you?

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52 responses



Prof. Jinu Kurien

Teaching methods, Communication and Personality

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Any Additional Suggestion

2 responses

Na

No

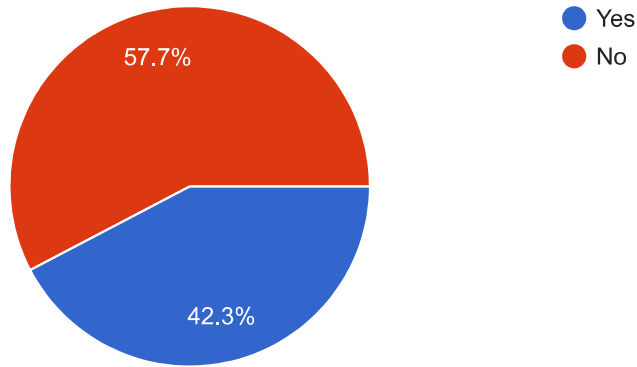
Prof. Suvarna Thakare



Has Prof. Suvarna Thakare taught to you?

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52 responses



Prof. Suvarna Thakare

Teaching methods, Communication and Personality

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Any Additional Suggestion

1 response

Na

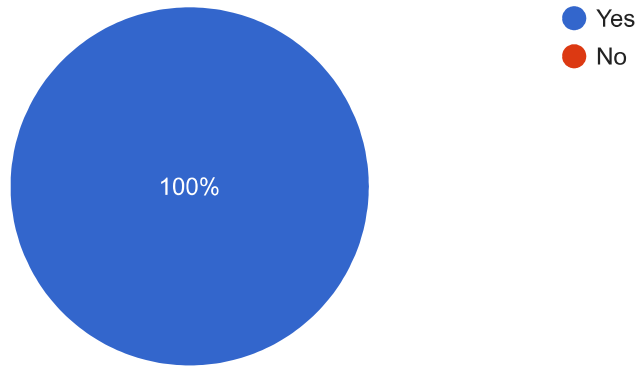
Prof. Tushara Kaliyath



Has Prof. Tushara Kaliyath taught to you?

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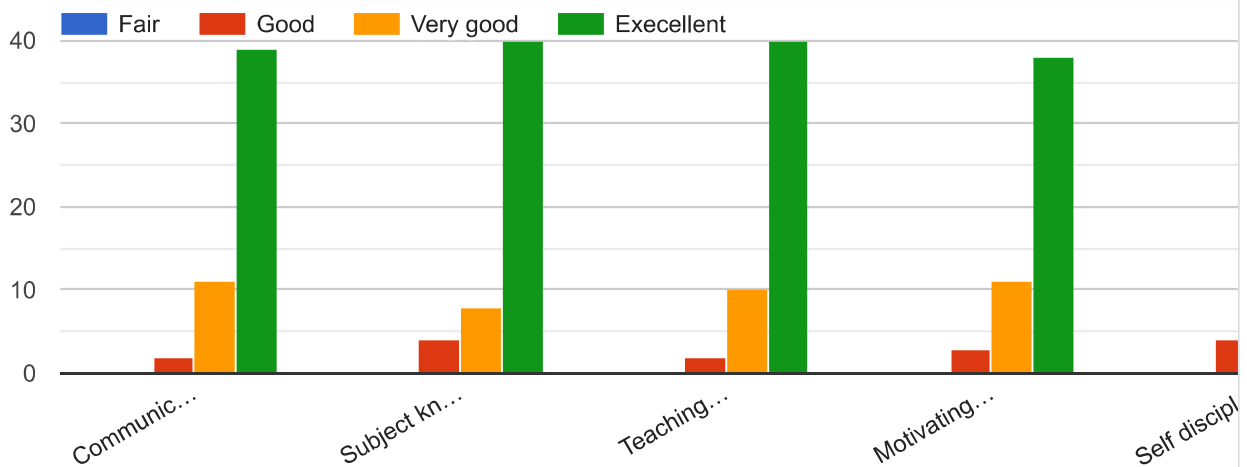
52 responses



Prof. Tushara Kaliyath

Teaching methods, Communication and Personality

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Any Additional Suggestion

3 responses

Na

No

Please make mam our 2nd Year class in-charge

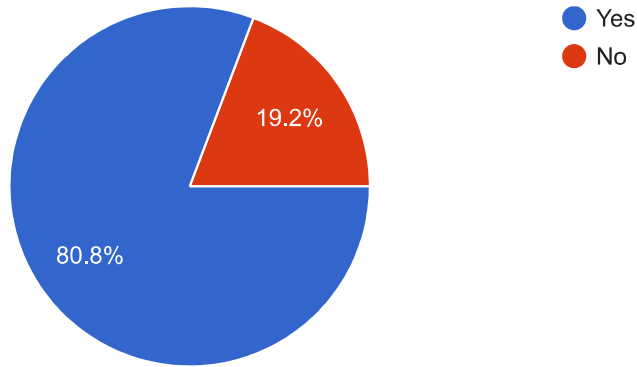
Prof. Avinash Sabhagani



Has Prof. Avinash Sabhagani taught to you?

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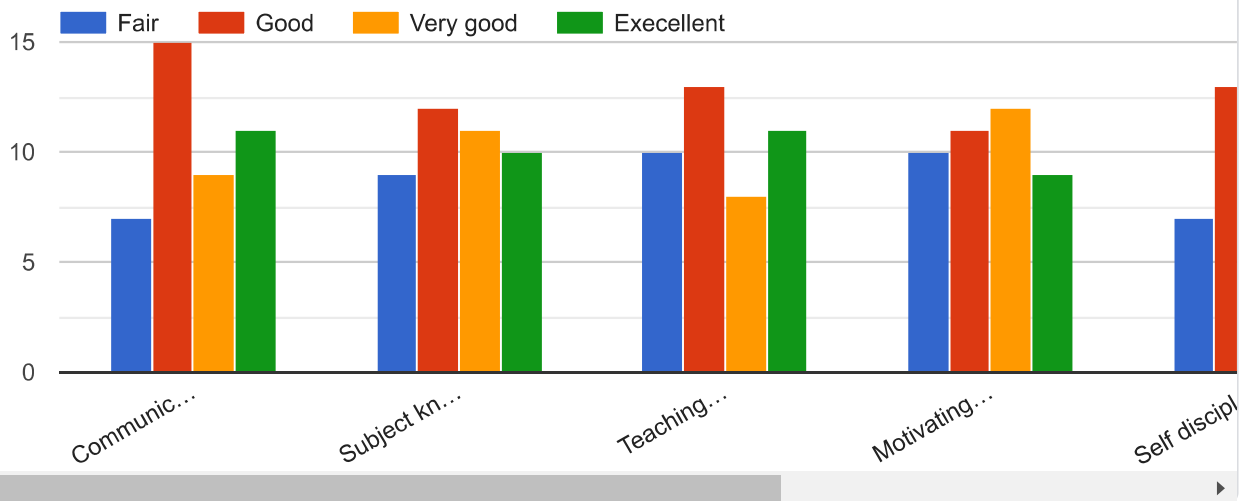
52 responses



Prof. Avinash Sabhagani

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Any Additional Suggestion

2 responses

Na

Keep more knowledgeable faculties than them

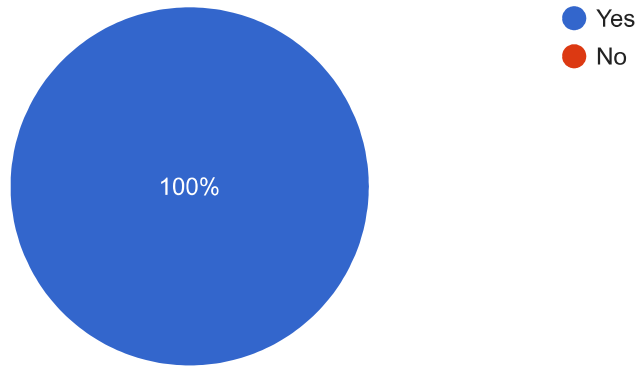
Prof. Kedar Shinde



Has Prof. Kedar Shinde taught to you?

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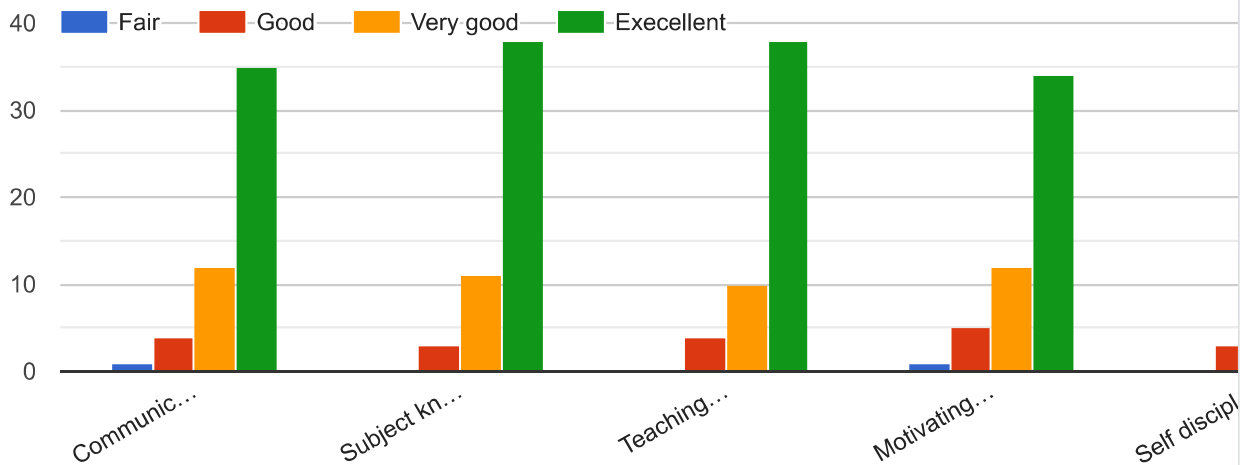
52 responses



Prof. Kedar Shinde

Teaching methods, Communication and Personality

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Any Additional Suggestion

2 responses

Na

No

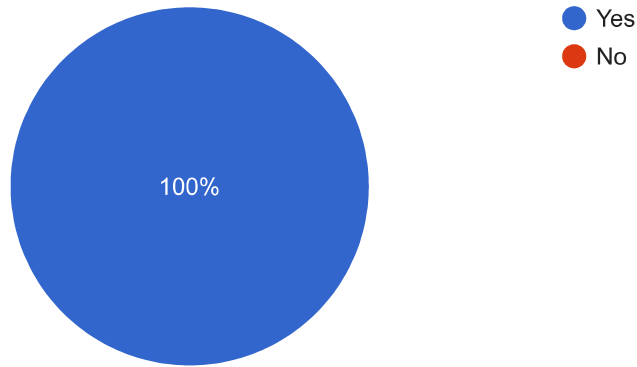
Prof. Jayesh Patil



Has Prof. Jayesh Patil taught to you?

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52 responses



Prof. Jayesh Patil

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Any Additional Suggestion

2 responses

Na

Need more lectures

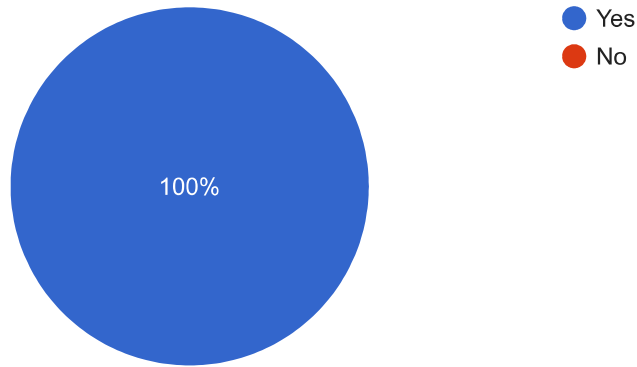
Prof. Shital Marlapalle



Has Prof. Shital Marlapalle taught to you?

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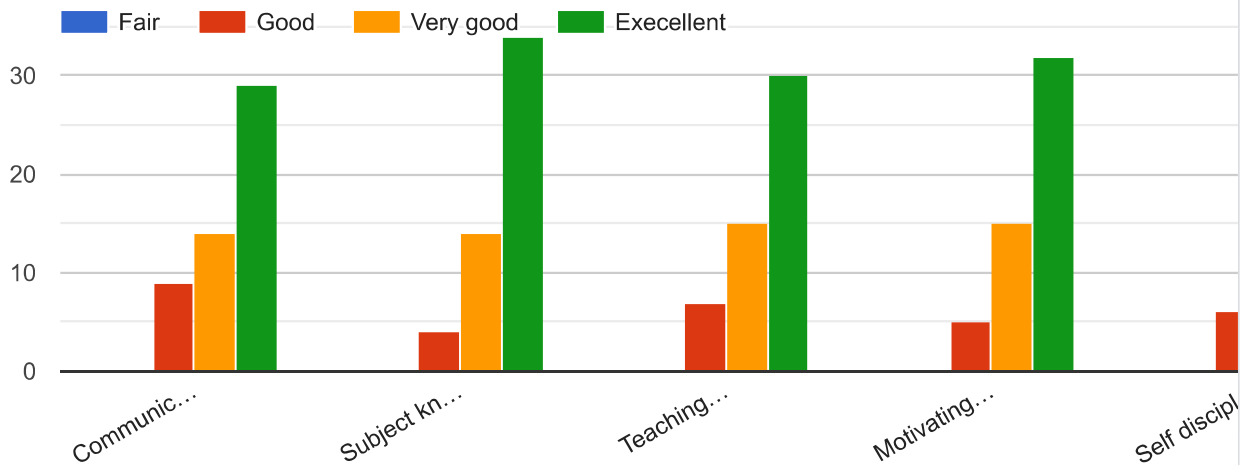
52 responses



Prof. Shital Marlapalle

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Any Additional Suggestion

2 responses

Na

Need revision lectures

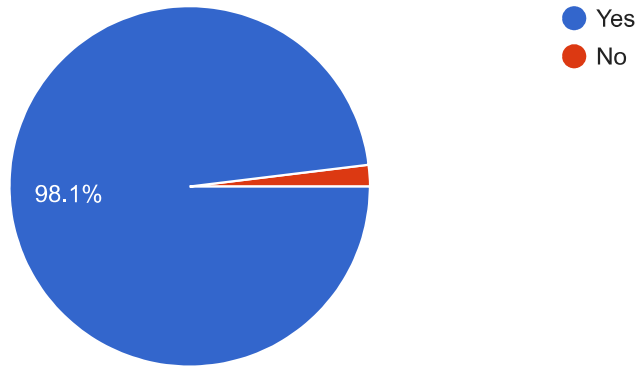
Prof. Sasmit Acharekar



Has Prof. Sasmit Acharekar taught to you?

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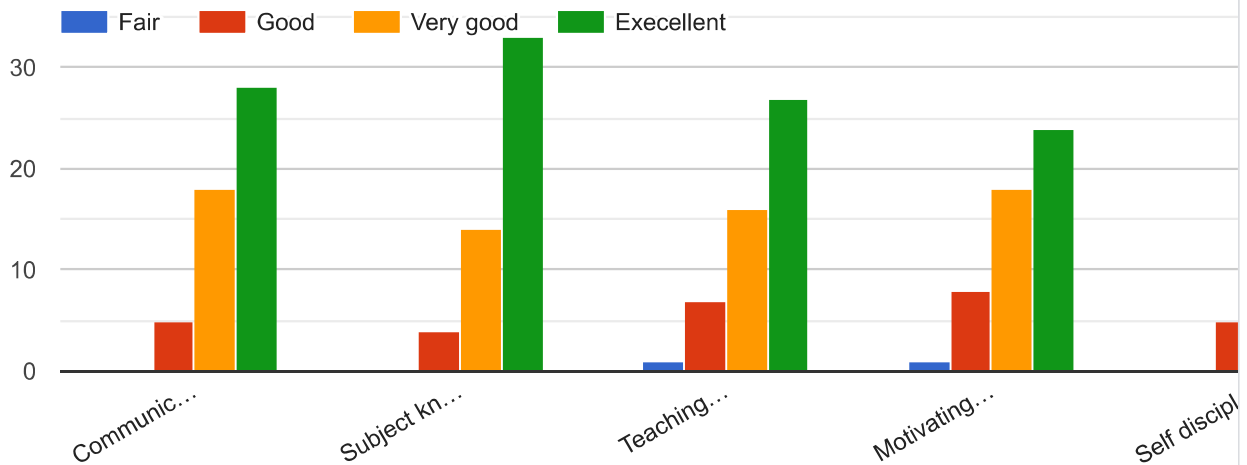
52 responses



Prof. Sasmit Acharekar

Teaching methods, Communication and Personality

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Any Additional Suggestion

2 responses

Na

Needs more interaction

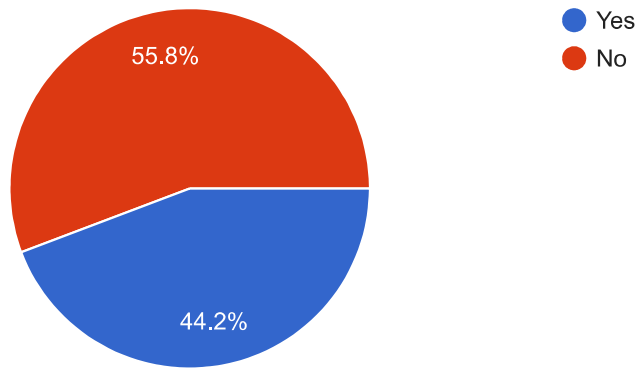
Prof. Tanaya Deka



Has Prof. Tanaya Deka taught to you?

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52 responses



Prof. Tanaya Deka

Teaching methods, Communication and Personality

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Any Additional Suggestion

0 responses

No responses yet for this question.

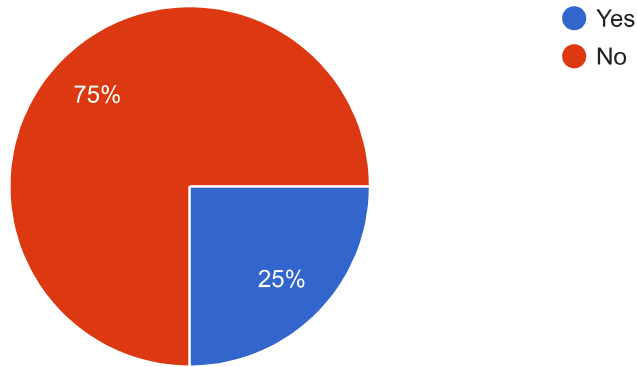
Prof. Neha Deshpande



Has Prof. Neha Deshpande taught to you?

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52 responses



Prof. Neha Deshpande

Teaching methods, Communication and Personality

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Any Additional Suggestion

1 response

Na

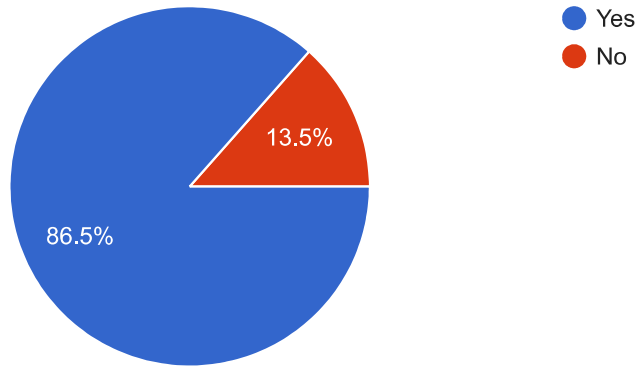
Prof. Avishkar Bharati



Has Prof. Avishkar Bharati taught to you?

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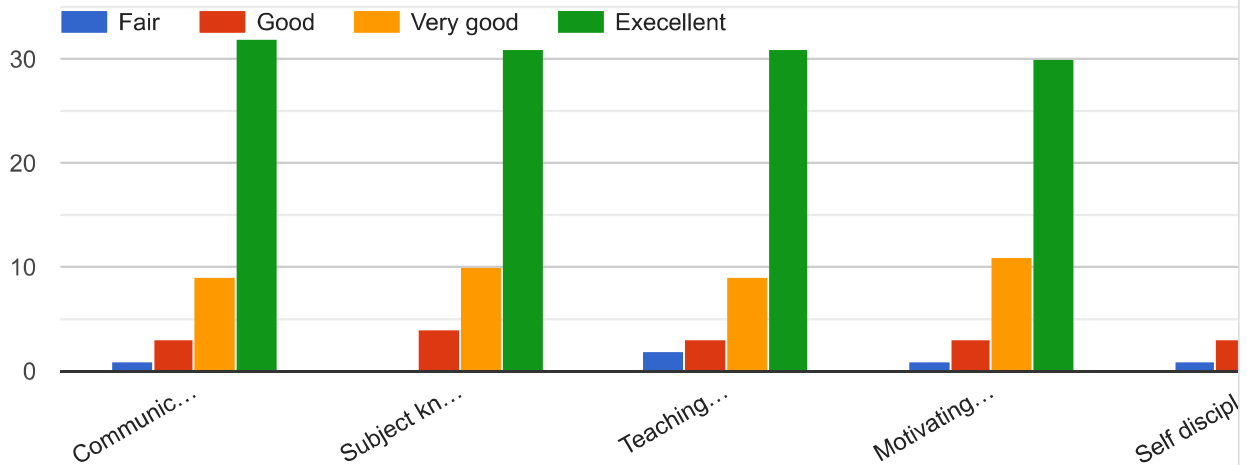
52 responses



Prof. Avishkar Bharati

Teaching methods, Communication and Personality

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Any Additional Suggestion

1 response

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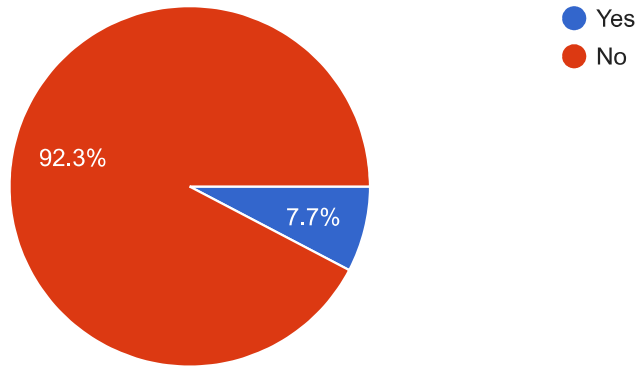
Prof. Vrinda Padhye



Has Prof. Vrinda Padhye taught to you?

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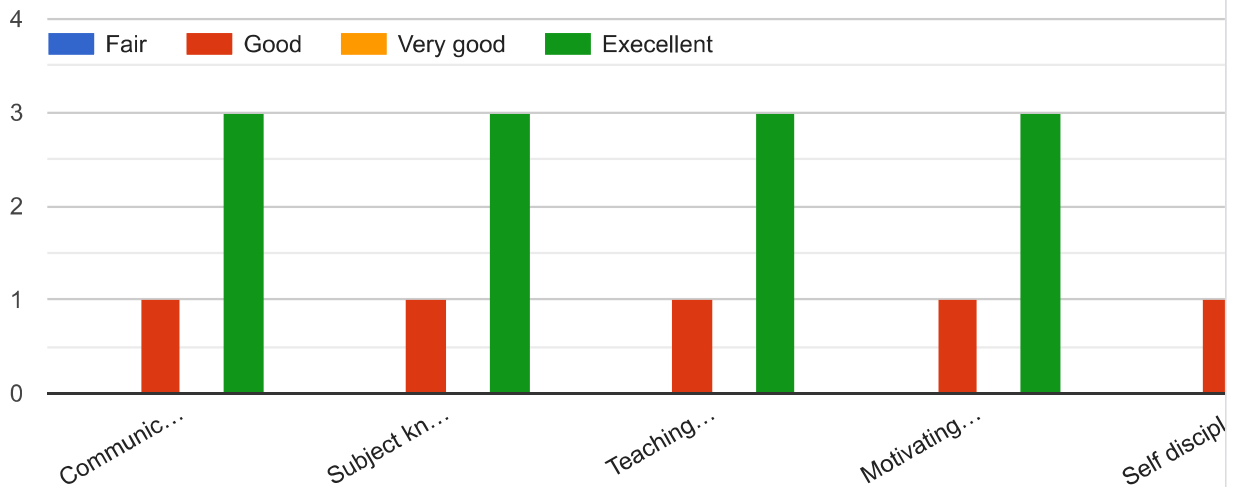
52 responses



Prof. Vrinda Padhye

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Any Additional Suggestion

0 responses

No responses yet for this question.

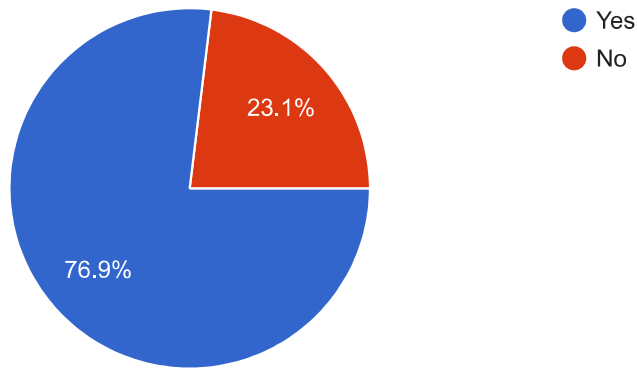
Prof. Sayalee Kulkarni



Has Prof. Sayalee Kulkarni taught to you?

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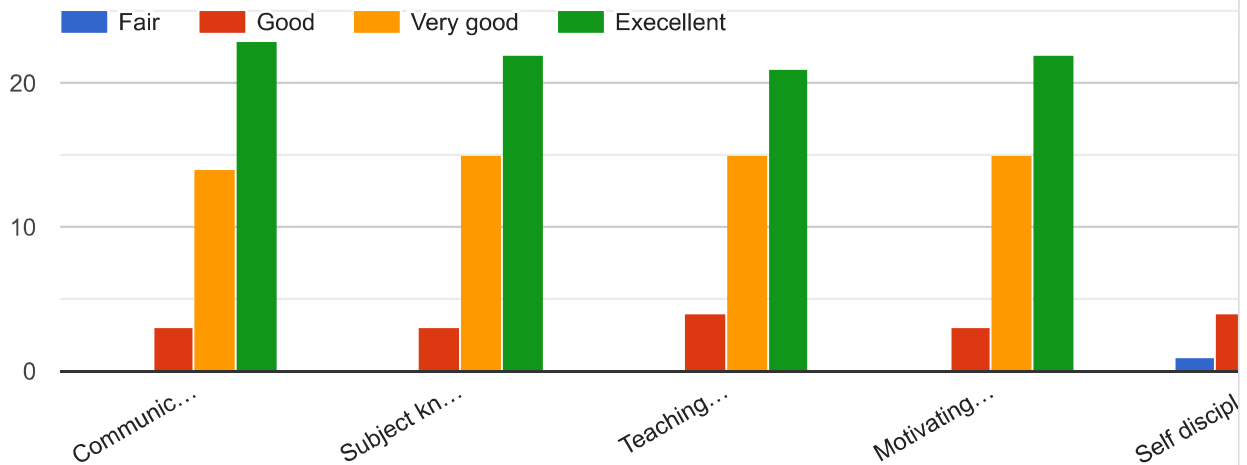
52 responses



Prof. Sayalee Kulkarni

Teaching methods, Communication and Personality

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Any Additional Suggestion

1 response

Na

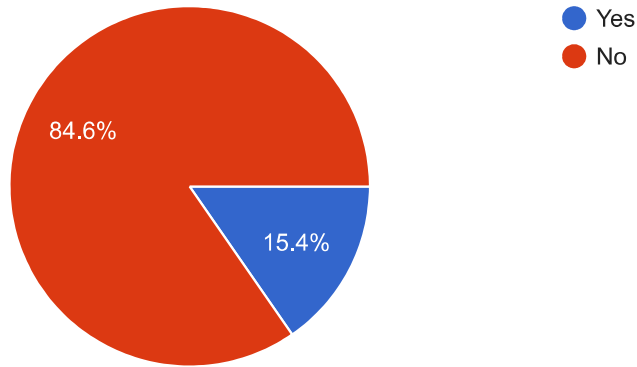
Prof. Snehal Ghag



Has Prof. Snehal Ghag taught to you?

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52 responses



Prof. Snehal Ghag

Teaching methods, Communication and Personality

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Any Additional Suggestion

0 responses

No responses yet for this question.

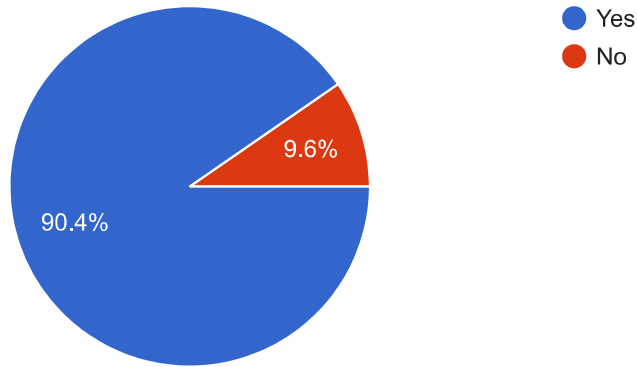
Prof. Prathamesh Deshpande



Has Prof. Prathamesh Deshpande taught to you?

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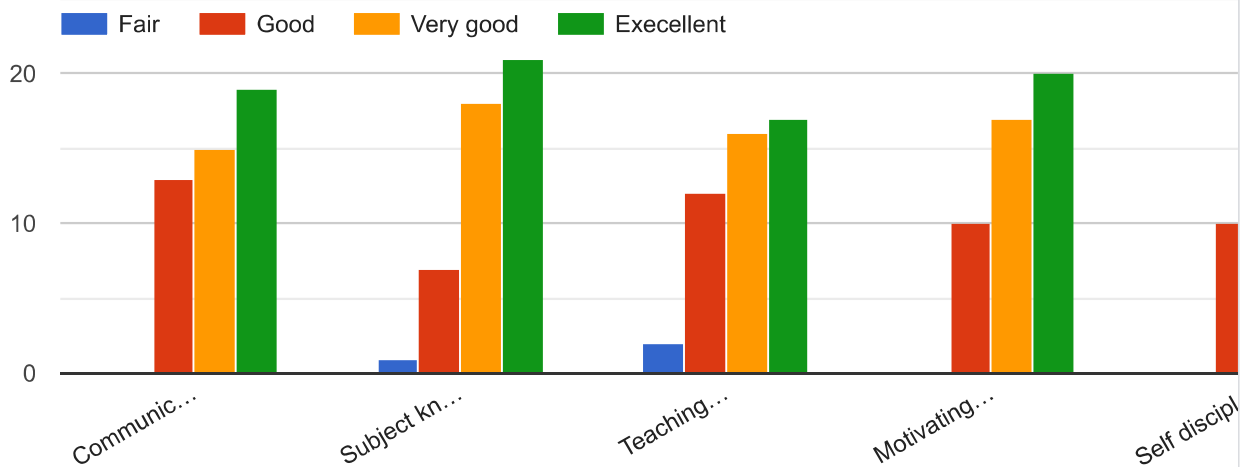
52 responses



Prof. Prathamesh Deshpande

Teaching methods, Communication and Personality

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Any Additional Suggestion

1 response

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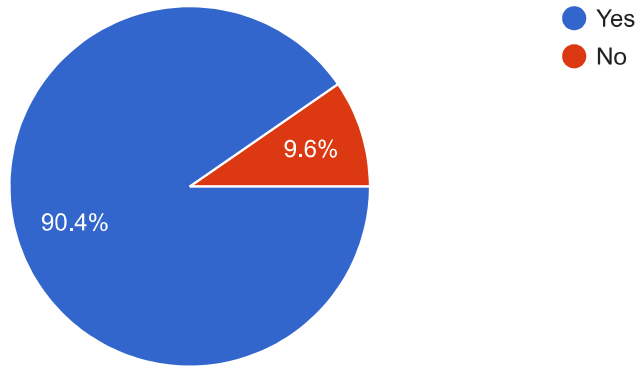
Prof. Sahil Talib



Has Prof. Sahil Talib taught to you?

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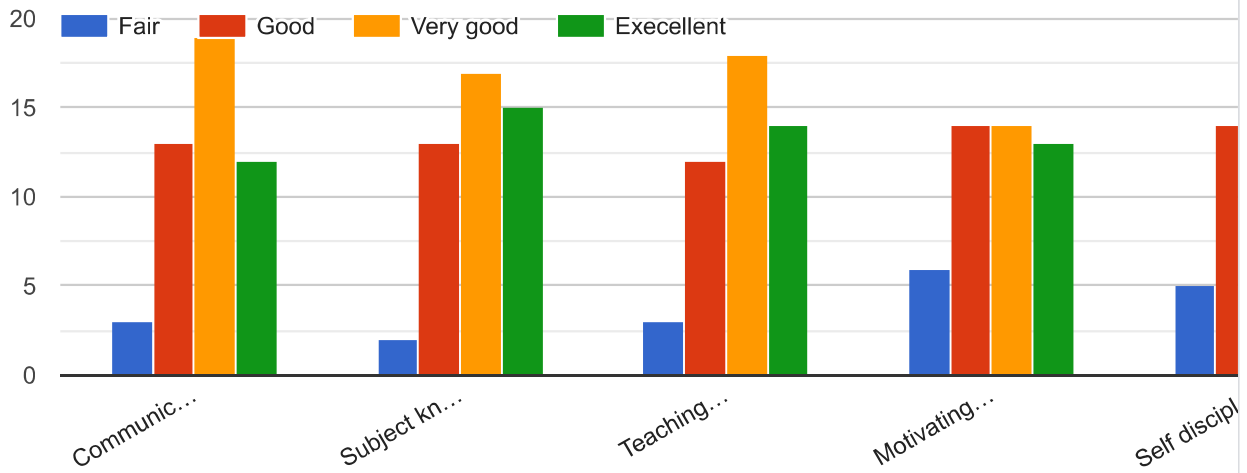
52 responses



Prof. Sahil Talib

Teaching methods, Communication and Personality

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Any Additional Suggestion

1 response

Na

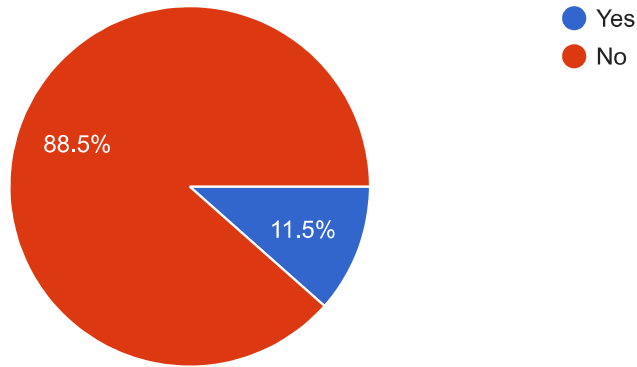
Prof. Neha Sayed



Has Prof. Neha Sayed taught to you?

 Copy

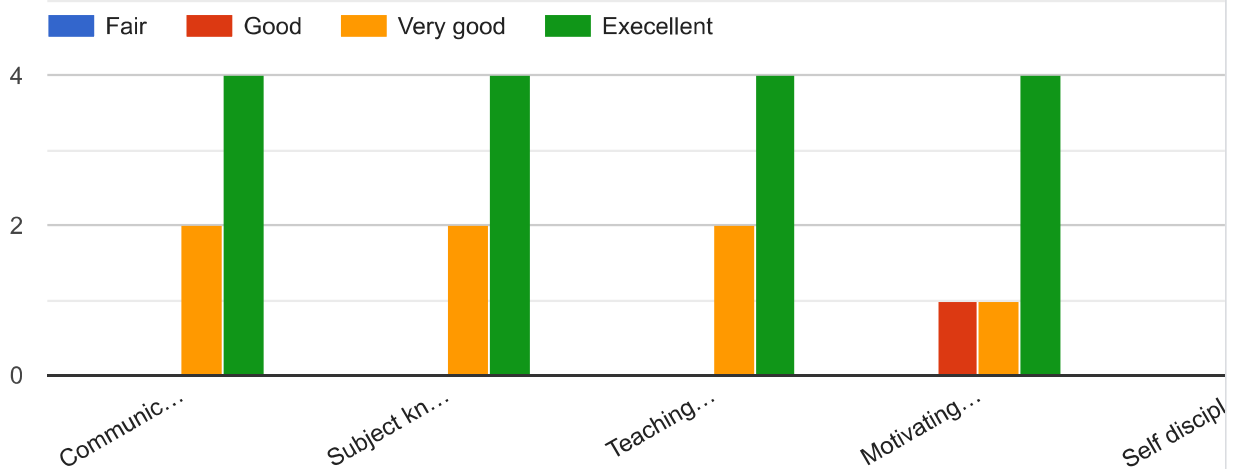
52 responses



Prof. Neha Sayed

Teaching methods, Communication and Personality

 Copy



Any Additional Suggestion

0 responses

No responses yet for this question.

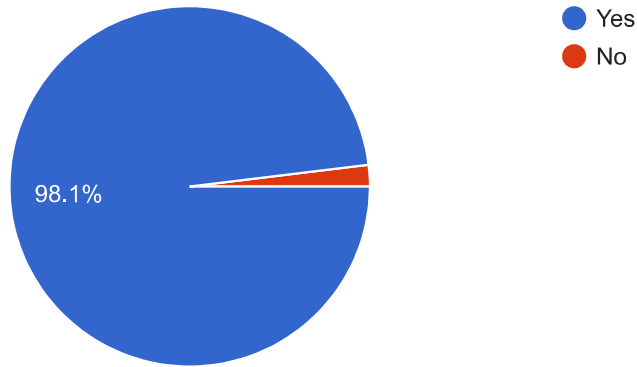
Prof. Mahesh Karande



Has Prof. Mahesh Karande taught to you?

Copy

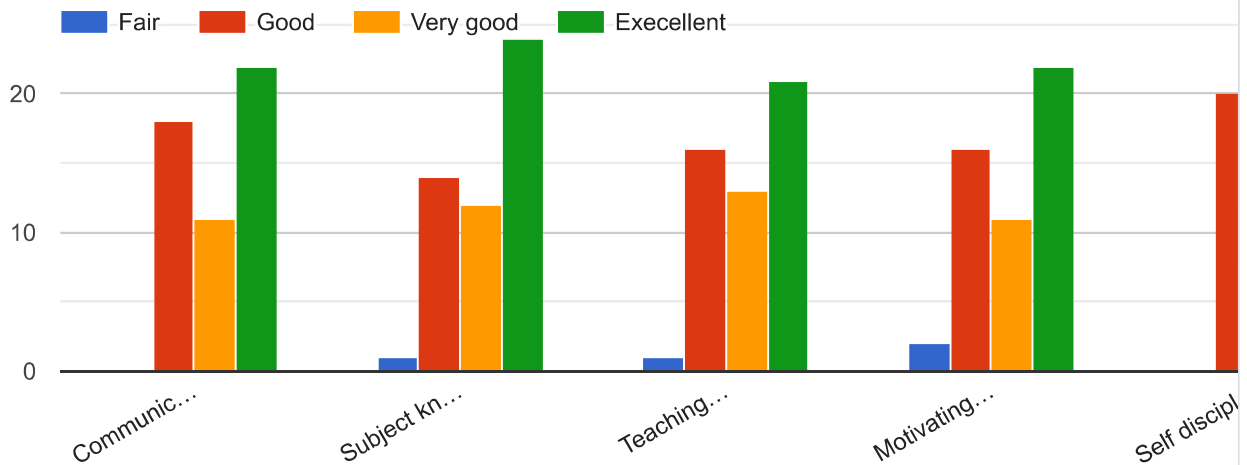
52 responses



Prof. Mahesh Karande

Teaching methods, Communication and Personality

Copy



Any Additional Suggestion

1 response

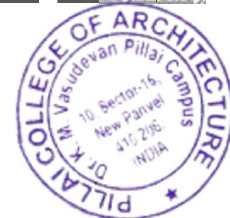
Na

Thank You!

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EMPLOYER FEEDBACK FORM

Dear Employer,

Our 4th year architecture student VINAY MAHESH RATHI is working in your organization as an intern. We are thankful to you for giving an opportunity to our student to do internship with your prestigious organization.

We request you to fill up this feedback form. It will help us to improve the Institute further and give you better interns and employees in future.

Please Tick to rate the following:

| Particulars | Excellent | Very Good | Good | Fair | Average |
|---|-----------|-----------|------|------|---------|
| 1. Student's overall performance | ✓ | | | | |
| 2. Student's general communication skill | ✓ | | | | |
| 3. Student's design and drawing skill | | | ✓ | | |
| 4. Student's computer software skill | | ✓ | | | |
| 5. Student's ability to learn new techniques | ✓ | | | | |
| 6. Curriculum of the B. Arch. course | | | ✓ | | |
| 7. Institute's efforts towards training the student | | | ✓ | | |

Please contact us if you have any specific comments / suggestions. You can e-mail us: pica@mes.ac.in.

We would like to know if you are a PICA alumnus? YES _____ NO

Name: SUREYA R Position: SENIOR ARCHITECT

Name of the firm / organization: CREST ARCHITECTS

Address: MVR Square, CMP Main Road, Kalyan Nagar, B'lore - 43

E-mail: info@crestarchitects.com Contact No: 8884399992

Signature: [Signature] Date: 25.04.2024

[Signature]



Jury Feedback - Pillai College of Architecture

Please submit feedback regarding the jury you have just completed, including feedback on students and PICA performance.

Email *

niladwuti@gmail.com

Name of the Juror *

Niladwuti Chattopadhyay

Name of your Insitute / Practicing Firm *

Lokmanya Tilak Institute of Architecture and Design Studies

Phone no. *

09892178267

Name of the co-juror *

NA



Jury taken for the course *

B.Arch.

M.Arch.

B. Arch.

Semester *

VIII

Subject for which jury conducted *

AD - Architectural Design

ARD - Architectural Representation and Drawing

DD and ARD - Sem X - Design Dissertation

PP - Professional Practice

DD Book jury - Sem IX

Architectural Design



Rate students' performance *

| | Excellent | Very Good | Satisfactory | Below Average |
|---|----------------------------------|----------------------------------|----------------------------------|-----------------------|
| Relevance of the practising firm selected | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Completeness of the drawings | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| General understanding about professional practice | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Quantity or drawings as per Subject requirement | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Correctness of drawings | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Graphical Presentation | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Language Fluency and communication skills | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Students knowledge of the project handled | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Students awareness regarding the bye laws wrt the project | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |

DD Book Jury - Sem IX



Rate students' performance *

| | Excellent | Very Good | Satisfactory | Below Average |
|---|----------------------------------|----------------------------------|----------------------------------|-----------------------|
| Conceptual Clarity | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Scale of the topic | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Research process | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Analysis and Inferences | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Language Fluency and communication skills | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Graphical Presentation | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Completeness of the work | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Overall quality | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |

M.Arch. Thesis



For the Professional Practice Viva only drawings and works done by the student needs to be put across, scale and quantity does not matter its the quality of involvement of the student that's important

Thank You for your Feedback :)

Any suggestion to improve the institute's performance and perspective.

This form was created inside of Mahatma Education Society.

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