



WOMEN'S EDUCATION SOCIETY'S
SMT. MANORAMABAI MUNDLE
COLLEGE OF ARCHITECTURE
NAGPUR

SECOND
SEMESTER

ACADEMIC
BOOKLET

2020-
2021



INDEX

| | |
|----------------------------------------------------------------|--------|
| 1. First Year Faculty..... | 02 |
| 2. Introduction..... | 04 |
| 3. Policy for students..... | 05 |
| 4. Cell & Committees..... | 06 |
| 5. University Scheme of Examination..... | 10 |
| 6. Teaching Programs | |
| ▪ Architectural Design – II& Allied Design Studio – II..... | 11, 12 |
| ▪ Building Construction and Materials – II..... | 13 |
| ▪ Architectural Graphics – II..... | 15 |
| ▪ History of Architecture – I | 16 |
| ▪ Structural Design and Systems – II..... | 17 |
| ▪ Computer Application – II..... | 18 |
| ▪ Workshop – II | 19 |
| ▪ Elective II – Architectural Photography | 20 |
| ▪ Elective II- Institutional Project II – Sanskrit..... | 21 |
| ▪ Elective II- Graphic Designing | 22 |
| ▪ Department of Physical Education & Sports..... | 23 |

IN-CHARGES

First Year In-Charge
Ar. Piyusha Rathor

Design Co-Ordinator
Ar. Piyusha Rathor

Construction Co-Ordinator
Ar. Rashmi Thakre

Section Co-Ordinators
Sec A – Ar. Samruddhi
Amte
Sec B – Ar. Rashmi Thakre
Sec C – Ar. Harpreet Saggi

FIRST YEAR FACULTY



Dr. Ujwala Chakradeo



Er. Rupal Wadegaonkar



Prof. Vishwas Dikhole



Dr. Sampada Peshwe



Dr. Roopal Deshpande



Dr. Madhura Rathod



Prof. Atula Patwardhan



Ar. Aakansha Agarwala



Ar. Rashmi Tijare



Ar. Piyusha Rathor



Ar. Rashmi Thakre



Ar. Medha Pophale



Ar. Samruddhi Amte



Ar. Priyanka Sambare



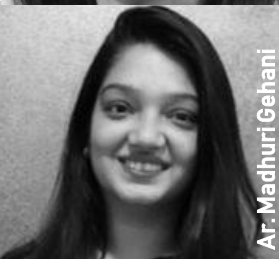
Ar. Sarika Joshi



Ar. Harpreet Saggu



Ar. Nehal Maheshwari



Ar. Madhuri Gehani



Dr. Kalyani Kale

FACULTY & SUBJECTS

FIRSTYEAR IN-CHARGE: Ar. Piyusha Rathor

CLASS CO-ORDINATORS -

Sec A - Ar. Samruddhi Amte

Sec B - Ar. Rashmi Thakre

Sec C - Ar. Harpreet Saggu

ARCHITECTURAL DESIGN - II & ALLIED DESIGN STUDIO - II

Subject Co-ordinator- Ar. Piyusha Rathor

Dr. Sampada Peshwe, Dr. Madhura Rathod, Prof. Atula Patwardhan, Ar. Rashmi Tijare, Ar. Aakansha Agarwala, Ar. Rashmi Thakre, Ar. Priyanka Sambare, Ar. Samruddhi Amte, Ar. Sarika Joshi, Ar. Harpreet Saggu, Ar. Nehal Maheshwari,

BUILDING CONSTRUCTION AND MATERIALS - II

Subject Co-ordinator - Ar. Rashmi Thakre

Dr. Sampada Peshwe, Dr. Roopal Deshpande, Ar. Piyusha Rathor, Ar. Samruddhi Amte

ARCHITECTURAL GRAPHICS - II

Ar. Vishwas Dikhole, Prof. Atula Patwardhan, Ar. Piyusha Rathor, Ar. Samruddhi Amte, Ar. Rashmi Thakre, Ar. Harpreet Saggu

HISTORY OF ARCHITECTURE - I

Ar. Piyusha Rathor, Ar. Rashmi Thakre

STRUCTURAL DESIGN & SYSTEMS - II

Er. Rupal Wadegaonkar

COMPUTER APPLICATION II

Dr. Sampada Peshwe, Ar. Medha Pophale, Ar. Nehal Maheshwari

WORKSHOP - II

Prof. Atula Patwardhan,
Ar. Samruddhi Amte,
Ar. Priyanka Sambare,
Ar. Nehal Maheshwari

ELECTIVE II-

Architectural Photography

Prof. Atula Patwardhan ,
Ar. Nehal Maheshwari

ELECTIVE II-

Graphic Designing

Dr. Madhura Rathod,
Ar. Madhuri Gehani

ELECTIVE II-

**Institutional Project II-
Sanskrit**

Dr. Kalyani Kale

PHYSICAL TRAINING

Dr. Nalini Wadjikar

INTRODUCTION

Architecture is a noble profession and demands a set of dedicated personnel for creating an environment necessary to stimulate inquisitive urge amongst students to learn Architecture. Architecture is an Art and Science of built environment and plays an important role in the development of a nation. Supply of trained and skilled individuals to the society enhances the quality of environment and thus braces the National Policy.

Women's Education Society was established in Nagpur in the more than 80 years ago in 1932. Driven by the mission of holistic development of women, the members have always strived hard towards this goal. Thus as an integral part of the society Women's Education Society, has joined hands with the national policies of development of women.

The main objectives of the Society are:

To meet the needs of the Nation by providing human resources with required knowledge and skill.

To provide human resource which can effectively function in a variety of social, cultural, geographical, economic and technological needs of the nation.

To support the development of the nation with special emphasis on progress of women and establish their identity.

Vision

Our vision is to reach global standards by deliberate modernization without losing the essential characteristics of our tradition. Being a women's college we find it more pertinent to imbibe both these qualities very consciously in our girl students.

We wish to produce socially responsible architects with sensitivity towards social issues of immediate contexts, national concerns and global effects and positive and creative approach towards life.

Mission

To create an educational environment in which students are prepared to meet the challenges of a fast developing and changing world. Hence the students are equipped with:

Up to date knowledge

Analytical and practical skills

Creative approach towards everything that they undertake

Attitude to be sensitive towards national, social and environmental issues

While addressing the global challenges we believe strongly in anchoring ourselves to the immediate context. We accept gratefully our role in preserving and enhancing Vidarbha and Nagpur- the place, its people and architecture

Core Values

- Integrity
- Discovery
- Discipline
- Creativity
- Collaboration
- Excellence
- Innovation
- Respect
- Diversity

Objectives

- To develop among students academic and Professional competency.
- To foster value-based, creative and critical learning
- To hone skills of living in a technological, globalized and ecologically aware environment
- To develop culture of commitment to excellence.

POLICIES FOR STUDENTS

Code of Conduct

Punctuality - It is mandatory for students to be punctual to the college and shall have to be present every day at 8.45 a.m. Every student is expected to attend the morning assembly. Attendance of the students will be taken at the time of assembly by respective class coordinators.

The attendance will also be taken at the beginning of the classes in the afternoon after lunch break. The record of attendance shall be displayed at the end of the month for students. Every student is expected to go through the displayed attendance and has a chance to rectify the record within 8 days by talking to the class teacher if her attendance has been wrongly recorded.

In case of absenteeism, student shall bring a letter of absence duly signed by her parents/guardian. However, as per RTM Nagpur University norms, a student having less than 75% attendance will not be permitted to appear for University Examination.

Dress Code - Salwar suit/ Jeans /Leggings with long Kurti.

Extracurricular activities- Credits are allotted to each activity and students are required to attend the activities to earn these credits.

Every student has to attend the programs organized by the college from time to time.

Attendance for programme of 26th January and of 15th August is mandatory for every student.

Study tours - Every year study tours are arranged for students of different years as per their curriculum requirements. Active participation in StudyTour is necessary.

Facilities

Library : A well equipped library is maintained by the college

Laboratories (The material bureau, Climatology lab, survey lab and services lab): These laboratories are well maintained to help the students keep themselves well updated with the various tools and materials and its application.

Computer center: A fully equipped computer lab with terminals, plotter, printer, scanner and facility for LCD projection is available.

Workshop: A fully equipped workshop to enhance practical skills and for hands on experiences.

Brain gym: Encourages and nurtures creative thinking in students as well as teachers through many experimental art and design activities.

Reprography Centre: It is in computer lab wherein drawings can be plotted on sheets as per requirement.

Participation in NASA -Students who are regular to class and have cleared all examination of the previous semesters will be allowed to take part in the various activities of NASA.

Academic Performance

Submission schedule of all the subjects of a semester will be displayed at the beginning of the session. Students must follow the submission schedules given by respective subject teachers. No late submissions will be accepted after the scheduled date.

Student Council

The Student Council is formulated for the main purpose of empowering the students. Having a formal setup of a Student Council enables students to organize and conduct certain activities. The student council also takes the lead in organizing and coordinating many events in the academic year - like daily assembly, Republic day and Independence day celebrations, NASA, Teachers Day, Archiventure, Women's day celebration and all other major events conducted by the college.

The structure of the council is such that students from all years find representation in it. The team is headed by fourth year students with representative from first, second and third year. The organization set up for student council comprises of -

President
Vice-president
Secretary
Vice-secretary
Treasurer

CELL & COMMITTEES

DISCIPLINE COMMITTEE

| Sr. No | NAME | DESIGNATION | COMMITTEE POST | CONTACT NO. |
|--------|----------------------|---------------------------------|--------------------------|-------------|
| 1 | Dr. Ujwala Chakradeo | Principal | Chairperson | 9890601461 |
| 2 | Ms. Atula Patwardhan | Assistant Professor | Committee In charge | |
| 3 | Dr. Pratima Dhoke | Professor | Member | 9373118875 |
| 4 | Mr. Gajanan Pilpile | Administrative Officer | Member | 9960298719 |
| 5 | Ar. Samruddhi Amte | In charge of College Activities | Co-Incharge | 9921013194 |
| 6 | Ar. Sonal Fuke | College Counsellor | Member | 9881761437 |
| 7 | Ar. Piyusha Rathor | Class Coordinator- 1st Year | Member | 9146682218 |
| 8 | Ar. Sneha Bodhankar | Class Coordinator- 2nd Year | Member | 9595655933 |
| 9 | Ar. Vaijayanti Yadav | Class Coordinator- 3rd Year | Member | 9823009998 |
| 10 | Ar. Medha Pohale | Class Coordinator- 4th Year | Member | 9021370270 |
| 11 | Ms. Manasi Singhania | President Students' Council | Students' Representative | 9329651598 |

GRIEVANCE REDRESSAL COMMITTEE for student

| | NAME | DESIGNATION | COMMITTEE POST | CONTACT NO. |
|---|----------------------|---------------------------------------------|--------------------------|-------------|
| 1 | Dr. Pratima Dhoke | Professor, Vice Principal (Administration) | Member | 9373118875 |
| 2 | Dr. Sampada Peshwe | Associate Professor, Acting Academic Head | Member | 7350720577 |
| 3 | Ms. Atula Patwardhan | Assistant Professor | Committee In charge | 9689870773 |
| 4 | Mr. Gajanan Pilpile | Administrative Officer | Member | 9960298719 |
| 5 | Ms. Manasi Singhania | President Students' Council | Students' Representative | 9329651598 |

CELL & COMMITTEES

ANTI - RAGGING COMMITTEE

| Sr. No | NAME | DESIGNATION | COMMITTEE POST | CONTACT NO. |
|--------|-------------------------------------------------------------|-----------------------------|----------------------------------------|---------------|
| 1 | Dr. Ujwala Chakradeo | Principal | Head of Institution | 9890601461 |
| 2 | Mr. Gajanan Pilpile | Administrative Officer | Representation of Non Teaching Faculty | 9960298719 |
| 3 | Prof. Atula Patwardhan | Faculty Members | Cell in Charge | 9689870773 |
| 4 | Prof. Vishwas Dikhole | Faculty Members | Member | 9373118875 |
| 5 | Senior Police Inspector, Gittikhadan Police Station, Nagpur | Police Administration | Police representative | 07122580127 |
| 6 | Adv. Mrs. Indira Bodade | Advocate | Legal advisor | +919422113447 |
| 7 | Ms. Manjusha Joshi, | Press reporter | Local Media | 8087001241 |
| 8 | Mrs. Vishpala Hundekari, Founder Ekibeki | NGO | NGO representative | 9820238003 |
| 9 | Shrikant Digambar | | Parent representative | +917397934238 |
| 10 | Radhika Digambar | student council member | Students' Representative | 9850487645 |
| 11 | Manasi Singhania | President Students' Council | Students' Representative | 9329651598 |

HOSTEL COMMITTEE

| | NAME | DESIGNATION | COMMITTEE POST | CONTACT NO. |
|---|------------------------|------------------------|--------------------|-------------|
| 1 | Prof. Atula Patwardhan | Assistant Professor | Committee Incharge | 9689870773 |
| 2 | Mrs. Kiran Simon | Warden | Member | 07122511304 |
| 3 | Mr. Gajanan Pilpile | Administrative Officer | Member | 9960298719 |

SPORTS COMMITTEE

| Sr. No | NAME | DESIGNATION | COMMITTEE POST | CONTACT NO. |
|--------|----------------------|------------------------|---------------------|-------------|
| 1 | Ms. Nalini Wadjikar | Sports Faculty | Committee In charge | 9359319835 |
| 2 | Ms. Atula Patwardhan | Assistant Professor | Member | 9689870773 |
| 3 | Mr. Gajanan Pilpile | Administrative Officer | Member | 9960298719 |

CELL & COMMITTEES

| | | |
|----------|------------------------------------------------|--------------------------------------------------------------------------|
| | Over all Janeev Jagrutee Club In Charge | Prof.Atula Patwardhan Ar.Madhuri Gehani |
| | Students council In-charge | Ridhi Kothari Kadambari Dakshindas |
| 1 | Rekha(Sketching) mentor | Prof.Atula Patwardhan |
| | | Ar.Harpreet Saggioo |
| | Student in charge | Isha Chauhan, Kuntal Purohit Suruchi Parsawar, Pooja Saiwal |
| 2 | Groove(Dance) mentor | Ar.SeemaBurele Ar.NehalMaheshwari |
| | Student in charge | Ayushi kashimkar ,Oshika Meshram Anagha Kamde, Jigyassa Jha |
| 3 | Rhythm(Music) mentor | Ar.Sarika Joshi Ar.Vaijayanti Yadav |
| | Student in charge | Radhika Digambar, Ruchi Dodwani Nayan Agarwal, Arohi Kulkarni |
| 4 | Frame (Photography) mentor | Dr.SampadaPeshwe Ar.SamruddhiAmte |
| | Student in charge | Sumedha Sawalakhe, Archita karambe Mansi Singhania, Samiksha Pichhode |
| 5 | Kahania (Reading) mentor | Dr.NeetaLambe Ar.Poornima Deshpande |
| | Student in charge | Ankita Jamgade, Prajwali Kale Shreya Sangwai, Janhavi Gosewade |
| 6 | Reel (Movie) mentor | Ar.Sujata Godbole Ar.Priyanka Sambare |
| | Student in charge | Pranali Gabhane ,Perna Kothari Muskaan Modi ,Aliza Qureshi |

CELL & COMMITTEES

Student Council

| | |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Name - Isha Chauhan Post - Coordinator Phone no. - 9511845197 | Name - Pranali Gabhane Post- Treasurer Phone no. - 7057623655 |
| Name - Mansi Singhania Post - Coordinator Phone no. - 9329651598 | Name - Suruchi Parsawar Post - Design head Phone no. - 8830215144 |
| Name - Anagha Kamde Post - Cultural head Phone no. - 8805693644 | Name -Sumedha Sawalakhe Post - Design head Phone no. - 9850201596 |
| Name - Radhika Digambar Post - Cultural head Phone no. - 9850487645 | Name - Ayushi Kashimkar Post - Design head Phone no. - 9130618322 |
| Name - Ankita Jamgade Post - Editorial head Phone no. - 9511731692 | Name- Kadambari Dakshindas Post - Activity head Phone no.- 7219840541 |
| Name - Shreya Sangwai Post - Editorial head Phone no. - 8888735134 | Name - Riddhi Kothari Post - Activity head Phone no. - 8412942210 |
| Name - Muskan Modi Post - Treasurer Phone no. - 9325202893 | |

UNIVERSITY SCHEME OF EXAM

SCHEME OF EXAMINATION – B.Arch.

FIRSTYEAR B.ARCH.

Semester – 2

| Sr. No. | Sub. Code | Sub. Name | Cate gory | Boa rd | Load Per Week | | | | | Credits | | | | | Paper/ Sessional | Duratio n in Hours | Max. Marks | Total Marks | Min. Pass Marks |
|--------------|-----------|-----------------------------------------|--------------|-----------|---------------|---|---|---|-----------|---------|-----|-----|-----|-------------|---------------------|--------------------------|---------------|----------------|-----------------------|
| | | | | | L/D | T | S | P | Total | L | T | S | P | Total | | | | | |
| 1 | 2S-A-1 | Architectural Design II | | | 1 | 0 | 3 | 0 | 4 | 1 | 0 | 4.5 | 0 | 5.5 | Sessional | | 150 | 200 | 100 |
| | | | | | | | | | | | | | | | Viva Voce | | 50 | | |
| 2 | 2S-A-2 | Allied Design Studio-II | | | 1 | 0 | 2 | 0 | 3 | 1 | 0 | 3 | 0 | 4 | Sessional | | 100 | 100 | 50 |
| 3 | 2S-A-3 | Building Construction and Materials -II | | | 2 | 0 | 3 | 0 | 5 | 2 | 0 | 4.5 | 0 | 6.5 | Paper | 3 | 100 | 150 | 40 |
| | | | | | | | | | | | | | | | Sessional | | 50 | | 25 |
| 4 | 2S-A-4 | Architectural Graphics II | | | 2 | 0 | 0 | 2 | 4 | 2 | 0 | 0 | 1 | 3 | Paper | 3 | 60 | 100 | 50 |
| | | | | | | | | | | | | | | | Sessional | | 40 | | |
| 5 | 2S-A-5 | Structural Design & Systems-II | | | 2 | 1 | 0 | 0 | 3 | 2 | 0.5 | 0 | 0 | 2.5 | Paper | 3 | 60 | 100 | 50 |
| | | | | | | | | | | | | | | | Sessional | | 40 | | |
| 6 | 2S-A-6 | History of Architecture I | | | 2 | 1 | 0 | 0 | 3 | 2 | 0.5 | 0 | 0 | 2.5 | Sessional | | 100 | 100 | 50 |
| 7 | 2S-A-7 | Computer Application II | | | 1 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0.5 | 1.5 | Sessional | | 50 | 50 | 25 |
| 8 | 2S-A-8 | Workshop II | | | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 1.5 | 1.5 | Sessional | | 100 | 100 | 50 |
| 9 | 2S-A-9 | Elective II | | | 1 | 2 | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 2 | Sessional | | 100 | 100 | 50 |
| Total | | | | | | | | | 30 | | | | | 29.0 | | | 1000 | 1000 | |

Elective II

Art in Architecture / Graphic Designing / Fundamentals of Painting / Fundamentals of Sculpture / Architectural Photography / Institutional Project 2

Unit I - Brief historical review of development of Design and its interdependency.

Objectives -

- To make students aware about the evolution of forms and style in architecture through explaining the evolution of Isms in Art and Architecture.
- To make students aware of the inter-dependency of art & architecture and to make them understand how to read the elevations of different forms & analyze its elements, colour schemes and patterns.

Teachers Input- Power point Presentation.

Unit II - Introduction to basic elements of design. Study of shapes and its composition, study of volumes, effects of colour and texture on composition.

Objectives -

- Understanding the basic elements of design which contribute towards space making.
- Identification of the parameters which contribute to the spatial experience of an architectural volume or space.

Teachers Input- Power point Presentation.

Unit III- Analysis of simple objects of daily use, in terms of material, interface, graphics, colour, texture, functionality etc.

Objectives -

- To introduce students to analytical, inquisitive and methodical process of thinking when they view & analyze objects of daily use.
- To make students aware and also encourage them to explore the various aspects that a designer considers while designing any object of use.

Teachers Input- Power point Presentation.

Design Co-Ordinator
Ar. Piyusha Rathor

Design Team

Sec A
Dr. Madhura Rathod,
Ar. Piyusha Rathor,
Ar. Priyanka Sambare
Ar. Samruddhi Amte

Sec B
Dr. Sampada Peshwe
Ar. Rashmi Tijare,
Ar. Rashmi Thakre,
Ar. Sarika Joshi,
Ar. Nehal Maheshwari

Sec C
Prof. Atula Patwardhan,
Ar. Aakansha Agrawala,
Ar. Harpreet Kaur Saggi,

Objective of Allied Design Studio -II

Developing skills in manual presentation techniques, use of various media of presentation, Principles of 2-D & 3-D compositions, Principles of Design.

Theory of Basic Design

To understand the visual & aesthetic qualities of design and relating these to Architectural Design situations.

EVALUATION SCHEME

| Unit | Description of COs | Weightage |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Unit 1 | Brief historical review of development of Design and its interdependency. | Assignment 1 = 10 |
| Unit 2 | Introduction to basic elements of design. Study of shapes and its composition, study of volumes, effects of colour and texture on composition. | Assignment 2 + Assignment 3 = 35 |
| Unit 3 | Analysis of simple objects of daily use, in terms of material, interface, graphics, colour, texture, functionality etc. | Assignment 4 = 15 |

| Attendance | C01 | C02 | C03 | Sessional | Total marks |
|------------|-----|-----|-----|-----------|-------------|
| | A1 | A2 | A3 | A4 | |
| 20 | 10 | 10 | 25 | 15 | 20 |
| | | | | | 100 |

Design Co-Ordinator
Ar. Piyusha Rathor

Design Team

Sec A
Dr. Madhura rathod,
Ar. Piyusha Rathor,
Ar. Priyanka sambare
Ar. Samruddhi Amte

Sec B
Dr. Sampada Peshwe
Ar. Rashmi Tijare,
Ar. Rashmi Thakre,
Ar. Sarika Joshi,
Ar. Nehal Maheshwari

Sec C
Prof. Atula Patwardhan,
Ar. Aakansha Agrawala,
Ar. Harpreet Kaur Saggu,

Objective of Architectural Design II

The objective is to develop understanding of various concepts of design evolution, understand human interface with various furniture, objects, leading to design of simple built spaces.

References :

- Ching Francis D. K., Form Space and Order.
- Peter Streens, Patterns in Nature.
- John R. Mather -Climatology: Fundamentals and Application.

Module - 1

Objectives

- Understanding the basics of design essential for formulation of design concept - Principles of spatial organization, Symbiosis of form and function, Concept generation, Convergent & divergent thinking in design,
- Conceptualization of Weekend Home in terms of form & volume

Module 1: Creative Exercise

Module - 2, 3, 4

Objectives

- Evolution of the concept of Weekend Home through process of Activity programming, Circulation, Facilitation, Site analysis and Climatic considerations.

Module 2: Activity Chart & Circulation programming

Module 3: Basic Site analysis & climatic data

Module 4: Facilitation of various spaces

Module - 5

Objectives

- Consolidation of design concept into design solution by application of principles of aesthetics with appropriate functionality and aesthetic appeal.
- Design development of Weekend Home in terms of 2D and 3D development into a schematic design solution.

Module 5: Schematic Design of Weekend Home (Schematic Plan & Block model)

Module - 6

Objectives

- Detailing of the design of Weekend Home in terms of designing of appropriate architectural elements, employment of basic building materials, and the appropriate graphical presentation of the design solution through architectural drawings.

Module 6: Pre-final submission (Detailed design solution with Detailed Plan, Elevations, Sections, Views, Detailed Model)

Module - 7

Objectives

- Understanding the employment of vocabulary of architectural terminologies and acquiring verbal presentation skills through presentation of entire design scheme.

Module 7: Final Submission with Internal Viva

EVALUATION SCHEME

| Attendance | Modules | | | | | Total marks |
|------------|---------------------|----------------------------|---------------------|---------------------|----------------------------------|-------------|
| | Review 1 (Module 1) | Review 2 (Module 2, 3 & 4) | Review 3 (Module 5) | Review 4 (Module 6) | Internal Viva (Final submission) | |
| 30 | 5 | 5+5+5 = 15 | 15 | 55 | 30 | 150 |

Timber & Types of timber joinery - (4 Hours)

Topic - TIMBER - Seasoning, its necessity and various methods, (Market survey to learn various types available, their sizing and costing and application in construction of building elements and furniture).

Teachers Input- Demonstration and Discussion.

Expected Output- Sketches in A3 Sketchbook & Market survey report.

Topic - Types of timber joinery - principles and design considerations, their application in construction of various elements, items of building construction and in design of furniture.

Teachers Input- Demonstration and Discussion.

Expected Output- Sketches in A3 Sketchbook, Sheet.

Wooden Doors & Wooden Windows- (8 Hours)

Topic - Wooden Doors - Design criteria and principles. types and Standard Terminologies. Design and detailed drawing work for Single leaf fully panelled doors, Single leaf partly panelled partly glazed doors, Double leaf fully panelled doors; with important joinery details.

Teachers Input - Demonstration and Discussion.

Expected Output- Sketches in A3 Sketchbook, Sheet.

Topic - Wooden Windows - Design criteria and principles. Types and Standard Terminologies. Design and detailed drawing work for Fully Glazed windows with mullion(s) and with Transom. Sash Windows, Centrally pivoted window, Top Hung Window, Louvered Window, with adequate number of important joinery details Study of various fixtures, fittings, fastenings for doors and windows.

Teachers Input - Demonstration and Discussion.

Expected Output- Sketches in A3 Sketchbook, Sheet.

Concept of Span, Lintels & Arches - (4 Hours)

Topic - Concept of Span and its application in providing / making openings in Masonry walls. Lintels its definition, purpose, basic Terminology, load considerations. Lintel Types such as stones, bricks, wood, steel, R.C.C., Rein. Brick with their design criteria and considerations.

Teachers Input- Demonstration and Discussion.

Expected Output- Sheets & Sketches in A3 Sketchbook.

Topic - Arches: Definition, purpose / function. Standard Terminologies. Load considerations. Comprehensive study of classification and types of arches. Centering for arches.

Teachers Input- Demonstration and Discussion.

Expected Output - Sketches & notes in A3 Sketchbook.

Foundations - (6 Hours)

Topic -Introduction Foundation, Basic design considerations. Simple foundations for load bearing walls in stone and brick masonry. Timbering to trenches for various types of soil.

Teachers Input- Discussion and board sketching.

Expected Output - Sketches in A3 Sketchbook.

Construction Co-Ordinator:
Ar. Rashmi Thakre

Construction Team:

Sec A -
Ar. Piyusha Rathor.
Ar. Samruddhi Amte,

Sec B -
Dr. Sampada Peshwe
Ar. Rashmi Thakre

Sec C -
Dr. Roopal Deshpande

Objectives

- To understand the basic building elements, their function and behaviour under various conditions with specific reference to timber construction.
- To help students to develop a clear understanding of basic principles of construction and materials suitable for load bearing construction & Concept of span.

References

- Building Construction" by Mackay W. B., Vol.1 - 4
- Building Construction" by Barry, Vol.1 - 5
- Construction Technology" by Chudley, Vol.1 - 6
- Building construction Illustrated" by Ching Francis D. K.
- Elementary Building Construction" by Michell

BUILDING CONSTRUCTION AND MATERIALS - II

| Units | Description of COs | Weightage | Output (Test/Essay/ Sheets/ppt/model/ Review/anyother) |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------|
| Unit 1 | <ul style="list-style-type: none"> To study Timber as a building material and its Seasoning. To understand various types timber available, their sizing, costing and application in construction of building elements. | 5 | Market Survey Report |
| Unit 2 | <ul style="list-style-type: none"> To study Design criteria and principles of wooden Doors & windows. To learn various Types and Standard Terminologies involved in wooden doors & windows. Study of various fixtures, fittings, fastenings. | 5 | MCQ |
| Unit 3 | <ul style="list-style-type: none"> To study Concept of Span and its application in providing openings in Masonry walls and Types of Lintels & Arches, its purpose, basic Terminology and load considerations. | 5 | MCQ |
| Unit 4 | <ul style="list-style-type: none"> To study Basic design considerations of foundation for load bearing walls in stone and brick masonry, To learn timbering to trenches for various types of soil. | 5 | MCQ |

Construction Co-Ordinator :
Ar. Rashmi Thakre

Construction Team :

Sec A -
Ar. Piyusha Rathor.
Ar. Samruddhi Amte,

Sec B -
Dr. Sampada Peshwe
Ar. Rashmi Thakre

Sec C -
Dr. Roopal Deshpande

Objectives

- To understand the basic building elements, their function and behaviour under various conditions with specific reference to timber construction.
- To help students to develop a clear understanding of basic principles of construction and materials suitable for load bearing construction & Concept of span.

References :

- Building Construction" by Mackay W. B., Vol.1 - 4
- Building Construction" by Barry, Vol.1 - 5
- Construction Technology" by Chudley, Vol.1 - 6
- Building construction Illustrated" by Ching Francis D. K.
- Elementary Building Construction" by Michell

| Attendance | Plates & Sketchbook | Test | Sessional | TOTAL |
|------------|---------------------|------|-----------|-------|
| 10 | 20 | 20 | 20 | 50 |

UNIT I - SOLID GEOMETRY

Assignment 1-Drafting composite and complex 3d objects (interpenetration)

Expected Output- Solved problems On A2 Size sheet.

Teachers Input- Examples explained and solved on black board or demo on AutoCAD.

Assignment 2-Orthographic projections of true shapes of sectional plane

Expected Output - Solved problems on A2 Size sheet.

Teachers Input- Examples explained and solved on black board or demo on AutoCAD.

Assignment 3- Linking of complex 3d forms to building forms

Expected Output - Sketches

Teachers Input- Presentation

UNIT II - SURFACE DEVELOPMENT OF SOLIDS

Assignment 4- Surface development of various simple 3d objects.

Expected Output- A2 size sheets

Teachers Input - Examples explained and solved on black board or demo on AutoCAD.

Assignment 5- Surface development of various Complex 3d objects .

Expected Output- A2 size sheets

Teachers Input - Examples explained and solved on black board or demo on AutoCAD.

UNIT III - MEASURED DRAWING

Assignment 6 - Plan, Elevation , Sections drawn to appropriate scale of a simple two storied buildings including a stair way and toilet and basic area calculation of same .

Expected Output- Measured drawing with all technicalities and area calculation table .

Teachers Input- Example of a two storied building explained and drafted on black board or demo on AutoCAD and demonstrate the method for area calculation.

EVALUATION SCHEME

| Unit | Description of COs | Weightage |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Unit 1 | 1)Understanding the curve and pattern of intersection when one solid penetrates another solid 2)Understanding the concept of true shape 3)Study interpenetration patterns in built forms by studying case examples (work of various architects) | 13 |
| Unit 2 | 1)To enable thinking about unfolding patterns of a solid. | 6 |
| Unit 3 | 1)To enable the students to understand the technique of graphical documentation of a built structure / environment through measured drawings. | 6 |

| Attendance | Portfolio | Test | Total |
|------------|-----------|------|-------|
| 05 | 25 | 10 | 40 |

Graphics Co-Ordinator
Ar. Vishwas Dikhole

Graphics Team :

Sec A
Ar. Piyusha Rathor
Ar. Samruddhi Amte

Sec B
Prof. Vishwas Dikhole
Ar. Rashmi Thakre

Sec c
Prof. Atula Patwardhan
Ar. Harpreet Saggi

Objectives :

- To enable the students to understand and express Composite three-Dimensional objects and buildings formed by additive and interpenetrated solids using various graphical projection systems including sections.
- To enable the students to understand the technique of graphical documentation of a built structure / environment through measured drawing/s.

Keywords :

Interpenetration of solids, Surface Development, Measure Drawing

References :

- Ching Francis D.K.: Architectural Graphics
- Gill Robert: Rendering with pen and ink
- H. Joseph and Morris: Practical plane and solid geometry

Introduction – (1 Hour)

Introduction to history of architecture as an expression of art and culture of that place.

Unit I: – Early Greek Architecture (4 Hours)

To study early Greek Architecture in which the impact of the context, culture and society on art and architecture during Hellenic and Hellenistic period i.e. Greek Temples, Orders and public places.

Unit II: – Roman Architecture style (4 Hours)

To study Roman Architectural style in which the impact of the context, culture and society on art, architecture and construction techniques developed during Roman period i.e Forum, Temples, Basilicas, Comitiums, Curia, Arches, Thermae, Stadia, Circus.

Unit III: – Byzantine and Early Christian Architecture (4 Hours)

Understanding Byzantine & Early Christian Architecture in which the impact of the context, culture and society on art, architecture and construction techniques developed during this period.

Unit IV: – Gothic, Romanesque and Renaissance (6 Hours)

To study Gothic, Romanesque and Renaissance in which the impact of the context, culture and society on art and architecture during these periods through comparative study.

Unit V: – Industrial Revolution (4 Hours)

To study Industrial Revolution in which social, economic and political changes effected, new requirements of the society, new materials and technological developments.

Team

Ar. Piyusha Rathor
Ar. Rashmi Thakre

Objectives

- To develop the appropriate skills of interpreting the increasing complex structure in a society based on the socio-political, cultural factors and the resultant settlement pattern and architecture.
- To analyse and synthesize architecture of an era based on climate and available building materials construction techniques, climate etc. and spatial configurations derived from it.

References

- History of Architecture by Sir Bannister Fletcher.
- History of Architecture by Spiro Kostof.

EVALUATION SCHEME

| Unit | Weightage |
|--------------|-----------------|
| Unit I | 10 (Test) |
| Unit II | 10 (Sketchbook) |
| Unit III | 10 (Sketchbook) |
| Unit IV | 10 (Assignment) |
| Unit V | 10 (Sketchbook) |
| TOTAL | 50 |

| Attendance | Assignments / Sketchbook | Sessional | Test | Total |
|------------|--------------------------|-----------|------|-------|
| 20 | 40 | 30 | 10 | 100 |

Unit I

Structural System in Architecture: Study of Types of Slabs (One way & Two way, Grid Slab), suspension structure with suitable examples from historical and contemporary architecture.

Unit II

Mechanical properties of building materials :
Simple stresses and strains : Concept and application – Definition and study of stresses & strains, Hooke’s law. Principle of superimposition.

Unit III

Thermal stresses and strains : concept and application.

Unit IV

Elastic Constants:
Definitions, Poisson’s ratio, Bulk Modulus, Modulus of elasticity, Modulus of rigidity.

Unit V

BM and SF Diagrams:
Simply supported & Cantilever beams (Subjected to Point load & UDL)

Teachers In charge:
Mr. Rupal Wadegaokar
Ar. Nehal Maheshwari

Objectives of Structures

- To make students familiar with the basic theorems and mechanical properties of engineering materials, elastic constants, different types of stresses and strains.
- It also delivers the basic principles of structural mechanics & how Bending moments and Shear force diagrams are used to analyze simple structural behavior.

References :

- Ramamrutham, S. : Narayanan, R.(2008). Strength Of Material . New Delhi: Dhanpat Rai Publications Ltd.
- Rajput, R.K.(2012). Strength Of Material (Mechanics And Solids) S.I. Units. New Delhi: S. Chand And Co Ltd.
- Khurmi, R. S.(2006). A Textbook of Strength of Material (SI Units). New Delhi:S.Chand And Co Ltd
- Bansal, R. K.(2011). A Textbook of Strength of Materials (SI Units). New Delhi:Laxmi Publications (P) .
- Shah, H.J. ;Junnarkar, S.B.(2016). Mechanics of Structures Vol. I (Strength of Materials).:Charotar Publishing House Pvt. Ltd.

EVALUATION SCHEME

| Units | Description of COs | Weightage |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Unit I | To study the Structural System in Architecture with Types of Slabs (One way & Two way, Grid Slab), suspension structures along with suitable examples from historical and contemporary architecture. | 5 |
| Unit II | To study Mechanical properties of building materials by understanding the concepts and applications of Stresses & strain, Hooke’s Law and Principle of superimposition. | 5 |
| Unit III | To study the concepts and applications of Thermal stresses and Strains. | 10 |
| Unit IV | To study the Elastic Constants (Poisson’s ratio, Bulk Modulus, Modulus of elasticity, Modulus of rigidity) | 10 |
| Unit V | To study BM and SF Diagrams through Simply supported & Cantilever beams (Subjected to Point load & UDL) | 10 |
| TOTAL | | 40 |

Introduction to Video Portfolio - (4 hours)

Topics- Documentation of First Sem Portfolio (Design, Sketching, Workshop, Appreciation and Criticism, History) with the use of Android friendly Apps like Filmora, Canva, Prisma etc.

Teachers Input - PPT Presentation and Discussion on Technical aspects.

Expected Output - 1 to 2 minutes Video Portfolio

Introduction to Google Form – (2 Hours)

Topics- To do survey and collect data in Google form which will be analyzed in responses.

Teachers Input - How to do survey?
How to create google form and explanation of all its features.

Expected Output - Generation of Google Form survey (Google Form Link)

Power Point and You Tube – (2 Hours)

Topics- How to analyze and submit the digital data in the form of Assignment

Teachers Input - How to manage screenshot in PPT and convert it into a Pdf?
How to upload video on YouTube?

Expected Output - Pdf of survey analysis and responses
YouTube link of Video Portfolio

Introduction to Google SketchUp – (2 Hours)

Topics- Basics of sketch up or equivalent software to strengthen the visualization of third dimension and vice versa. Advanced commands of sketch up for massing, 3d models of buildings, topography, shadow formation study etc.

Teachers Input - PPT Presentation and Software Explanation

Expected Output - Understanding the Key features of Software Google SketchUp.

Team:

Dr. Sampada Peshwe
Ar. Medha Pophale
Ar. Nehal Maheshwari

Objectives:

- This subject is to empower students with computer software useful for architects to enhance the skills of visualization of third dimension ,drafting and coordination of design and other subjects.
- To learn presentation software for enhancement of architectural drawings, sketches and convey ideas through presentations.

EVALUATION SCHEME

| Topics | Description of COs | Weightage | Output | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------|-----------------------|------------|-------------|------|-------|----|----|----|----|
| 1 | To make a video Portfolio of their own work | 15 | MP3 Video | | | | | | | | |
| 2 | To understand and create survey and data collection | 15 | Google Form Link | | | | | | | | |
| 3 | To understand and compile Response Analysis done by Google Form Survey | 5 | Response Analysis Pdf | | | | | | | | |
| 4 | To understand the process of uploading on Virtual Media Platform | 5 | YouTube Link | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Attendance</th> <th>Assignments</th> <th>Test</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>30</td> <td>10</td> <td>50</td> </tr> </tbody> </table> | | | | Attendance | Assignments | Test | Total | 10 | 30 | 10 | 50 |
| Attendance | Assignments | Test | Total | | | | | | | | |
| 10 | 30 | 10 | 50 | | | | | | | | |

Design and execute Prototype of simple usable product

Assignment 1- Best Out of waste Usable product 1:1 scale

Expected Output- 1:1 usable product with documentation though process and photographs for same.

Teachers Input- Lecture narrating the term potential of available material and scrap.

Submission Date- 21st May 2021

Trees in scaled model

Assignment 2- Students are supposed to study nature of foliage of trees and craft out 5 trees of different nature and different material.

Expected Output- models and documentation on ppt in pdf format.

Teachers Input - Presentation

Submission Date- 26th May 2021

Finishing of Surfaces

Assignment 3- Students will create a tutorial with information regarding plastering, pointing, polishing, painting etc

Expected Output- Group submission tutorial in ppt format .

Teachers Input- Discussion and presentation.

Submission Date- 27th May 2021

Interlocking Technique

Assignment 4 - Making of the model with cardboard with interlocking technique.

Expected Output- models and photographs pasted on sheets.

Teachers Input- Presentation and Discussions.

Submission Date- 27th May 2021

Team:

BATCH 1

Ar. Samruddhi Amte

Ar. Priyanka Sambare

Batch 2

Prof. Atula Patwardhan

Ar. Nehal Maheshwari

Aim

Developing understanding of various material and efficiency in technique.

Objectives

- To introduce the students the various skills and techniques necessary to produce scaled models
- To figure out potential in available scrap material at home especially during the pandemic and craft out 1:1 usable products and document the thought process through photographs
- Expected skills in this subject or area is dexterity, Learning by doing knowledge of materials and tools

EVALUATION SCHEME

| Topics | Description of COs | Weightage |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 1 | To understand potential of various material available (especially in pandemic when the stationary shops are closed) in scrap Best Out of waste Usable product 1:1 scale | 20 |
| 2 | To understand various techniques, materials and tools used to make various types of trees needed for architectural model | 20 |
| 3 | To understand various techniques, materials and tools used to make various finishes on surfaces (plastering, pointing, painting and polishing) | 20 |
| 4 | To understand the technique of Interlocking to make study models of furniture or built forms | 20 (test) |

| Attendance | Assignments | Sessional /test | Total |
|------------|-------------|-----------------|-------|
| 20 | 60 | 20 | 100 |

ARCHITECTURAL PHOTOGRAPHY

Team :

Prof. Atula Patwardhan
Ar. Nehal Maheshwari

Objectives :

Develop the skills of visual Composition, People & nature, Lighting & color and Understand the mechanics of imaging.

References :

- Fundamentals of Photography: The Essential Handbook for Both Digital and Film Cameras.
- Architectural Photography: Composition, Capture, and Digital Image Processing, Adrian Schulz.
- Balthazar Korab: Architect of Photography, John Comazz.
- Architectural Photography the Digital Way, Gerry Kopelow.

Introduction to Photography - (2 hours)

Topics- Introduction to Photography and Indoor Photography balancing the Light and Colors

Teachers Input - PowerPoint Presentation

Expected Output - Still Life photography

Introduction to Photography Techniques - (2Hours)

Topics- Introduction to Photography Techniques with 3 Visual angles (Eye Level, Below eye level, Above eye Level)

Teachers Input - PowerPoint Presentation and Lecture

Expected Output - Photographs of different angles of any room of your house

Introduction to Post Processing Photos - (2 Hours)

Topics- Introduction to Post Processing Photo by photo editing process of applying filters, Saturations, etc.

Teachers Input - Lecture with Examples

Expected Output - Photo Edited Family Photo Shoot Outdoor with built form background and natural foliage

Introduction to Mechanics of Imaging- (2 Hours)

Topics- Introduction to the mechanics of imaging and understanding the photo frames

Teachers Input - Lecture with Examples

Expected Output - Photos of Architectural Elements

EVALUATION SCHEME

| Topics | Description of COs | Weightage | Output |
|--------|-----------------------------------------------------------------------------------------------------------|-----------|---------------------------------------|
| 1 | To understand Photography Terminologies and Indoor Photography balancing the Light and Colors | 15 | Still Life photography |
| 2 | To understand Photography Techniques with 3 Visual angles ((Eye Level, Below eye level, Above eye Level) | 15 | Indoor Photographs |
| 3 | To understand Post Processing Photo by photo editing process | 15 | Outdoor Photographs |
| 4 | To understand the mechanics of imaging and understanding the photo frames | 15 | Photographs of Architectural Elements |

| Attendance | Assignments | Test | Total |
|------------|-------------|------|-------|
| 20 | 60 | 20 | 100 |

Day 1 (17.5.2021)

- Chapter 18 राणाप्रतापः

Day 2 (18.5.2021)

- Declension of Noun and Pronoun
- Chapter 19 महिंशूरं प्रति प्रवासः

Day 3 (19.5.2021)

- Tenses and Verbs (परस्मैपद)
- त्वान्त, ल्यबन्त, तुमन्त

Day 4 (20.5.2021)

- Tenses and Verbs (आत्मनेपद)
- Chapter 20 गुरुकुलम्

Day 5 (21.5.2021)

- Chapter 21 जन्तुशाला

Day 6 (24.5.2021)

- Chapter 22 काशी

Day 7 (25.5.2021)

- Chapter 23 आश्रमः

Day 8 (26.5.2021)

- Chapter 24 संस्कृतभाषा

Day 9 (27.5.2021)

- Chapter 25 रथयात्रा

Day 10 (28.5.2021)

- Civil Engineering and Architecture

EVALUATION SCHEME

| Attendance | Test | Assignment | Total |
|------------|------|------------|-------|
| 20 | 20 | 60 | 100 |

ELECTIVE - II

INSTITUTIONAL PROJECT - SANSKRIT

Teacher In-Charge

Dr. KALYANI KALE

Objectives of Sanskrit -

-Sanskrit is the mother language of all Indian languages.

-Our ancient scientific knowledge is the treasure of proud and we want to introduce our students with this.

-Indian Architecture is the most famous and most scientific. An ancient Architecture preserved in Sanskrit literature. Which is relevant and demanded everywhere.

-We want our precious students learn and feel proud about India and Indian knowledge.

-Learning of Sanskrit language targets on above objectives.

References :

-Vakyavistar, Sanskrit for Technical Knowledge

GRAPHIC DESIGNING

Team

Dr. Madhura Rathod
Ar. Madhuri Gehani

Objectives

- Graphics design is an art, profession, and academic discipline whose activity consists in projecting visual communications intended to transmit specific messages to social groups, with specific objectives (Wikipedia).
- The recommended objective of the course is to enhance the graphics design abilities among students of architecture.

INTRODUCTION (17TH & 18TH MAY 2021)

Topics-

Introduction to the Graphic designing as a term with background history. Basics, significance, and role of graphic design in architecture, Types of graphic designing, Elements of graphic designing, Graphic designing principles, Common graphic design tools, Popular graphic design tools, Future in graphic design, Graphic design applications.

Expected Input- Presentation, sketches, and discussion

Expected Output -

To analyze photographs with graphic design elements and principles

VISUAL PERCEPTION (19TH MAY 2021)

Topics-

Understanding the role of eye in perceiving the object, image, space and/or structure

Expected Output -

Exercise on visually perceiving generated positive and negative spaces.

Expected Input- Presentation, sketches, and discussion

BOOK REVIEW (20TH MAY 2021)

Topics-

Understanding the role of reading books and presenting it in a graphical format.

Expected Input- Presentation, and discussion.

PRINCIPLES OF COMPOSITION (21ST May 2021)

Topics-

To understand the role of the principles and elements in generating visually appealing design output.

To understand the role of layout and composition, format making, typography and color theory.

Expected Input-

Videos/presentation/discussion

Expected Output -

Format/layout/book cover design

LATERAL THINKING (24TH MAY 2021)

Topics-

To bring the confluence between mind and body for better thinking output.

To emphasize on thinking exploration from lower order thinking skills (LOTS) to higher order thinking skills. (HOTS)

Expected Input- Presentation.

Expected Output -

Hands on activity on sketch book

ENVIRONMENTAL GRAPHICS (25TH MAY 2021)

Topics-

To emphasize the allied graphics issues like logo design, signage's etc.

To explore the role of build environment in architecture through graphic design skills.

Expected Input- Presentation.

Expected Output - Logo Design

EVALUATION SCHEME

| Topics | DESCRIPTION OF COS | WEIGHTAGE |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 1 | To understand graphic designing its elements and principles | 15 |
| 2 | Understanding the role of eye in perceiving the object, image, space and/or structure | 15 |
| 3 | To emphasize the allied graphics issues like logo design, signage's etc. To explore the role of build environment in architecture through graphic design skills | 15 |
| 4 | To understand the role of layout and composition, format making, typography and color theory. | 15 |

| Attendance | Assignments | Test | Total |
|------------|-------------|------|-------|
| 20 | 60 | 20 | 100 |

Teacher In- Charge
 Dr. Nalini Wadjikar

| Sr. No. | Tournaments | Sr. No. | Tournaments |
|---------|---------------|---------|------------------------------------------|
| 1 | Cross Country | 8 | Athletics |
| 2 | Swimming | 9 | Ball Badminton |
| 3 | Table-Tennis | 10 | Cricket, Hockey, Hand Ball |
| 4 | Badminton | 11 | Kabbadi |
| 5 | Basket Ball | 12 | Kho-kho |
| 6 | Volley Ball | 13 | Adventure |
| 7 | Chess, Yoga | 14 | Taikwando, Tagowar (Rassikhech) activity |

ELIGIBILITY

- Players who have already participated in school levels.
- Interested students can participate in various games.

SELECTION

- Every Saturday – 12.00 to 1.00 p.m.
- Department of Physical Education & Sports conducts physical efficiency test & medical exam for all the students. It is Compulsory for all.

FACILITIES

- Playfields for practice all the games.
- Badminton Court available for practice
- Basket Ball Cement Court available in LAD, Shankar Nagar, Nagpur.
- Players those are participate in various games – conveyance allow. refreshment, sports equipment are provided by the college.
- Attendance is considered by the teacher during practice and tournaments.

ELIGIBILITY RTM Nagpur University given incentives of 10 marks to players who participate in inter-collegiate tournament.



Women's Education Society's

Smt. Manoramabai Mundle College of Architecture

LAD College Campus, Seminary Hills, Nagpur (M.S.) India 440006

Mobile : +91-7122510208, +91-9960298719

Email : admin.info.ladarch@gmail.com

Website: www.smmca.edu.in