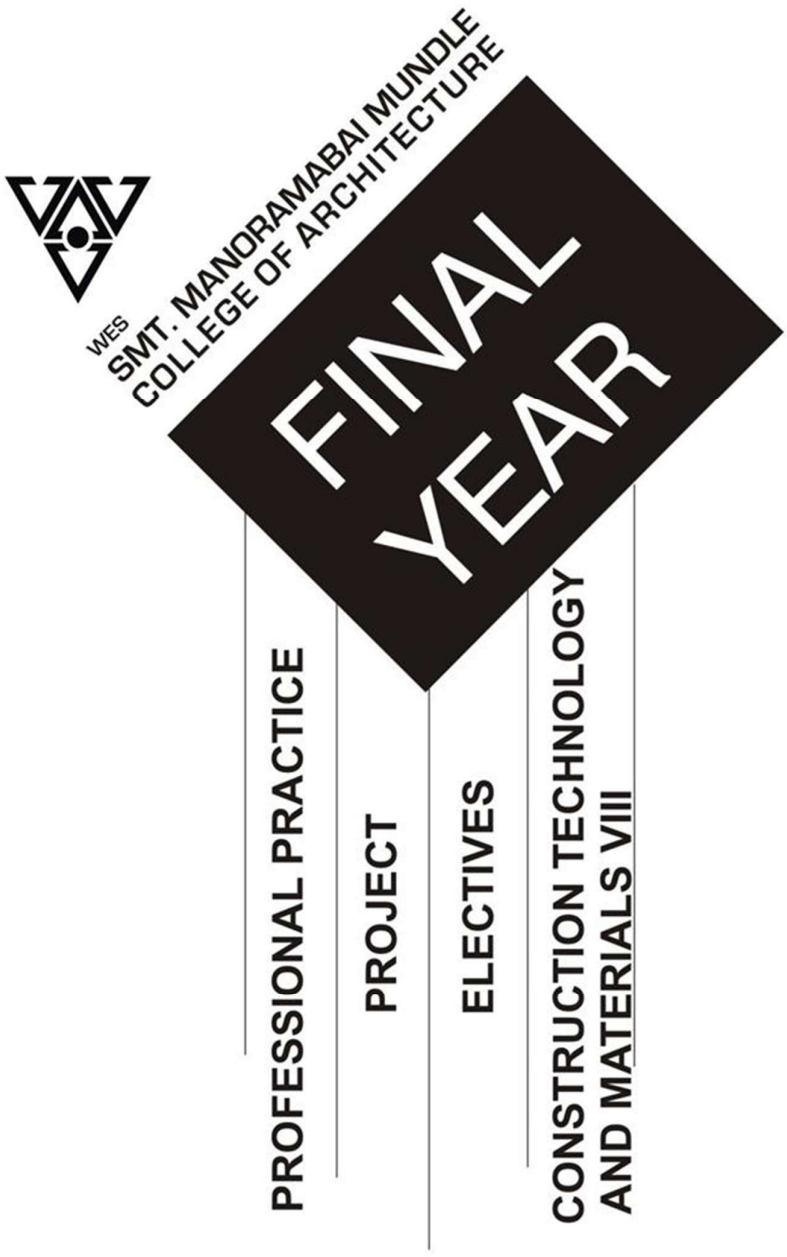

ACADEMIC BOOKLET 2022-23

INDEX -

YEAR IN CHARGE

Ar. Rashmi Tijare (Associate Professor and Training & Placement In charge)

SECTION CO-ORDINATORS

Ar. Namrata Gaurkhede – Section A
Ar. Sarika Joshi – Section B
Ar. Samruddhi Amte – Section C

THESIS IN CHARGE

Dr. Sujata Godbole (Associate Professor)

SMMCA: VISION

The vision limits to the present situation or at best for the near future. We should mention that we equip students to venture into the future.

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 concern, and global effects and a positive and creative approach towards life.

SMMCA: 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 toward 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	Creativity	Innovation
Discovery	Collaboration	Respect
Discipline	Excellence	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 a culture of commitment to excellence

CODE OF CONDUCT:

Punctuality: It is mandatory for students to be punctual in 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 co-coordinators.

The attendance will also be taken at the beginning of the classes in the afternoon after the lunch break.

The record of attendance shall be displayed at the end of each month for students. Every student is expected to go through the displayed attendance and request rectification of the record within 8 days by talking to the class teacher if her attendance has been wrongly recorded.

In case of absenteeism, the student shall bring a letter of absence duly signed by her parents/guardian. However, a student having less than 75% attendance will face disciplinary action and 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 programme organized by the college from time to time.
Attendance for programme of 26th January and of 15th August is mandatory for every student and the dress code a white Salwar Suits/Leggings with Long Kurti.

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.

MIDTERM ASSESSMENT:
A midterm assessment will be conducted to assess the progress of a student. It is mandatory for all the students to appear for this assessment.

STUDENT COUNCIL:
The Student Council will be 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, co- ordinate publications like 'Her Space', and properly convey any concerns students may have to the college administration and teaching faculty.
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 representatives from first, second and third year. Third year students take over the reins when fourth year students go for their training in the 8th semester. Final year students act as mentors to the council.

The organization set up for student council will comprise of – President
Vice-president Secretary Vice-Secretary Treasurer
In addition, there are Class Representatives from first and second year – one representative from each of the three sections in a year.

SCHEME OF EXAMINATION:

Semester - 10

Sr. No.	Sub. Code	Sub. Name	Category	Board	Load Per Week					Credits					Paper/ Sessional	Duration in Hours	Max. Marks	Total Marks	Min. Pass Marks
					L	T	D	S/P	Total	L	T	D	S/P	Total					
1	105-A-1	Project	DC	AR	2	0	0	15	15	2	0	0	16	18	Sessional Viva-voce		250 250	250 250	200
2	105-A-2	Construction Technology & Materials VIII	DC	AR	1	0	3	0	4	1	0	3	0	4	Sessional Paper	3	100 100	100 100	50 40
3	105-A-3	Professional Practice	DC	AR	2	0	2	0	4	2	0	2	0	4	Sessional Paper	3	30 70	100	40
4	105-AA-1	Elective a	DE	AR	2	0	2	0	4	2	0	2	0	4	Sessional		100	100	50
TOTAL					7	0	7	16	30	7	0	7	16	30			1000	1000	400

CONSTRUCTION TECHNOLOGY AND MATERIALS VIII

5th year - 10th Semester (Even Semester)

TEACHERS INCHARGE: Ar. Sujata Godbole, Ar. Rashmi Tijare, Ar. Namrata Gaurkhede, Ar. Sarika Joshi, Ar. Samruddhi Amte, Tanvi Burghate.

Co1: To understand the construction techniques to cover large span with geometry and material using advance techniques.
C02: To make students aware about basic principal geometry of tensile structure with materials used.
CO3: To make student understand the different structural system used for the high rise building. With focus on geometry in form of building.
CO4: To understand the structural system and architectural design consideration in Earthquake.
CO5: To understand the defects in buildings
CO6: To make students aware of various techniques used for additions & alterations.

UNIT	TOPIC	OBJECTIVE	TIME REQUIRED	TEACHING METHODS	EXPECTED OUTPUTS
	RECAP OF 7 SEM (SG)		12.12.2022	Lecture	
I	# Study of causes of defects in buildings such as cracks, seepage, deflection, etc. and their remedies. (TB & NTG) # General idea of non-destructive test such as Rebound test, Penetration test, etc. # Rehabilitation methods, Grouting, Gunting, Jacketing, etc. # General study of special chemicals used in construction and repairing works	To make the student understand defects in buildings & finding the appropriate remedies.	19.12.2022, 21.12.2022 02.01. 2023 04.01.2023	Classroom Teaching	Sketches in sketchbook
II	# Design and detailing of additions and alterations in existing	To make students aware of various techniques used	09.01.2023, 11.01.2023, 16.01.2023,	PPT	Sheets in A1 size

	buildings put to new use. # Process of modifications and precautions to be taken	for additions & alterations.	18.01.2023, 23.01.2023, 25.01.2023. 30.01.2023, 01.02.2023.		
III	General study of construction techniques to cover large spans using short length timber and laminated timber material, beams # Lamella roofing, # Portal frames, # Solid beams and web beams	To make the student aware of geometry, material & advance techniques	06.02.2023, 08.02.2023, 13.02.2023	PPT & videos.	Assignments based on various types of defects and their remedies
IV	General study of # Suspension structures, # Membrane structure # Pneumatic structures	To make the student aware of Geometry, material & advanced techniques	15.02.2023, 20.02.2023, 22.02.2023, 27.02,2023 01.03.2023	Interactive learning & visit to site	Tutorial on Suspension, Membrane and Pneumatic structures
V	High-rise buildings # Foundations #Structural Systems #Architectural Design Considerations	To make students understand form & material with advance techniques	06.03.2023, 13.03.2023, 15.03.2023.	PPT & Videos	High rise buildings and students Presentations
VI	# Earthquakes and its effects on buildings Earthquake Zones in India Architectural Design Considerations and Construction Detailing	To make students aware of design considerations for earthquake-resistant buildings.	20.03.2023, 27.03.2023, 29.03.2023.	PPT & videos	Sketches in sketchbook
ATTENDANCE	**SUBJECT CONTENTS/ SESSIONAL EXAM/ CLASS TEST**	**PLATES/MODELS/ SKETCHBOOK / TUTORIALS**			**TOTAL**
20	55	25			**100**

PROFESSIONAL PRACTICE - TEACHING PROGRAMME 2021-2022

5th year - 10th Semester (Even Semester)

TEACHERS INCHARGE: Ar. Namrata Gaurkhede, Ar. Samruddhi Amte

CO 1 - Difference between trade, business and profession
CO 2 - Importance of conduct of architectural competitions
CO 3 - Architects Office, Organisation and Administration, Office set up
CO 4 - Importance of Tenders
CO 5 - Importance of Contracts
CO 6 - Architects Act 1972

UNIT	TOPIC	DATES	TEACHING METHODS	EXPECTED OUTPUTS
1	Nature of profession, the difference between trade, business, and profession, taking instructions from the client, its interpretation, design process, and its stages.	4th, 7th and 11th Jan 2022	PPT Presentations	Tutorials
	Role of a professional society, Professional code of conduct, Ethical ways of getting architectural commission, Importance of conduct of architectural competitions, architectural copyright.			
2	Responsibilities and Liabilities of an architect towards the client. Scale and basis of fees. Professional charges of various jobs. Stages of Architectural design and the specific task in each of such stages.	18th, 21st Jan 2022	PPT Presentations	Tutorials
3	Architects Office, Organisation and Administration, Office set up	25th, 28th Jan 2022	PPT Presentations	Tutorials
	Correspondence, filing, preparation of drawing, standardization and documentation Professional partnership, various options, advantages. Partnership deal, responsibilities and liabilities of partners. Provisions of Professional Tax, Service Tax, Income Tax rules.			
Guest Lecture by Ar. Gurunath Modak (Topic - Office Organisation)				

4	Tender, types of tender, tender document, tender notice, procedure for opening and selection of tender, analysis bids, comparative statement, report to owner, work order.	1st,4th, 9th Feb 2022	PPT Presentations	Tutorials
Guest Lecture by Shri. S.R. Marathe (Topic - Tenders)				
5	Contract, type of contract, the contract document, Detailed knowledge of various conditions of contract as published by Indian Institute of Architects with special reference to responsibilities and liabilities of architect, contractor and the client.	15th,16th, 22nd Feb 2022	PPT Presentations	Tutorials
6	Architects Act 1972, its effects on profession and education. General information and introduction to various acts and laws such as the land acquisition Act, urban land ceiling Act. Building bye-laws, Sale deed procedure, ownership documents.	23rd, 25th Feb 2022	PPT Presentations	Tutorials

	SUBJECT CONTENTS/SESSIONAL EXAM/SURPRISE EXAM	**ATTENDANCE**	**TOTAL**
	20	**10**	**30**

ELECTIVE: 10TH SEMESTER

1. **Urban Design**
2. **High Tech Architecture**
3. **Campus Planning**

Objective: To integrate the elective in the design. Enable students to take design decision and enhance design quality.

Selection of Elective:Students will select one of the above-mentioned subjects based on their design topic. The selection of the elective will be done after the first project jury. A panel will be displayed wherein the student will enter her finalized thesis title and the elective subject. Thus, three elective groups will be formulated. Each elective will be allotted with elective-coordination faculty. The role of the coordinator will be to maintain attendance record during the workshop.

The coordinator will identify an expert for their elective and formulate the structure of the workshop. The student will have to appear for Sessional examination.

ELECTIVE: URBAN DESIGN

Teacher In-charge: Dr. Priya Choudhary, Ar. Tanvi Burghate

Urban Design is the design of towns and cities, streets and spaces. It is the collaborative and multi-disciplinary process of shaping the physical setting for life: The Art of Making Places. Urban Design involves the design of buildings, groups of buildings, spaces and landscapes and establishing frameworks and procedures that will deliver successful development by different people over time.
Architecture is a part of a bigger urban setting so this elective will help students to understand the contextual issues and effects on the buildings inside plot boundaries.

CO1: To choose any urban site, understand it, and define an area it with the help of identified terminologies of Urban Design
CO2: Explain & illustrate the selected site with detailed documentation of the site
CO3: To explain any Urban Designers' Philosophy through examples.

WEEKS	**TOPICS**	**ASSIGNMENTS**	**EXPECTED OUTPUT**
8th December 2022	Introduction to the Elective & discussion of the Teaching Plan	NA	NA
3 weeks of December 2022	Introduction to Urban Design & allotment of study areas to students in group of 4	CO1: Assignment 1- to identify urban design terminologies relevant to the site allotted & explain it.	Sketches & PPT
4 weeks of January 2023	Explaining basics of Urban Design Documentation & Study	CO 2 - Assignment 2 - Present detail documentation done of the selected sites.	In the form of 1-2 A1 Sheets
4 weeks of Jan & Feb 2023	Identify any Urban Designers Philosophy & explain it.	CO 3- Assignment 3- Select any 1 theory /philosophy of any urban designer & explain.	In the form of 1-2 A1 Sheets

Evaluation Criteria	**Assignment I**	**Assignment II**	**Assignment III**	**Attendance**	**Sessional**
Total: 100 marks	**10**	**35**	**15**	**20**	**20**

ELECTIVE: HIGH-TECH ARCHITECTURE

Teacher In-charge: Ar. Sujata Godbole, Ar. Sarika Joshi

Introduction

An architectural style that emerged in the 1970s incorporated elements of high-tech industry & technology into building design. It is a response to growing disillusionment with modern architecture. High-tech architecture is also known as late modernism or Structural Expressionism.

High-tech architecture aims to achieve a new industrial aesthetic spurred on by renewed faith in the progression of technology. The building is like a machine.

In this elective, there will be five major elements that define the High-Tech Architecture

Materials: Various materials are used for the construction of the same.

Symbiosis of technology and architecture

The structure that holds the building up.

The ecology of the building, how the building affects the public.

The services which allow it to work

Along with all these elements, it should be aesthetically appealing also.

There are some pioneer Architects who work in the field of High-tech architecture:

Norman Foster, Richard Rogers, Nicholas Grimshaw, I. M. Pei, Renzo Piano.

A study of the examples of the pioneer architects' work will help the students understand its concept. They will be able to apply the knowledge gained through this elective in their project and future while practicing.

Teaching Plan for High-Tech Architecture		
Weeks	**Topics**	**Assignments**
2nd week Dec 2022	Introduction to High tech Architecture and intelligent buildings	
3rd & 4th week Dec.2022	**CO1 -** Facades and its Type and Design Consideration of Facades.	To present with examples Evolution of Façade from Historic period to Modern era. output can be in the form of sheets or PPT presentations.
1st week Jan 2023	Design of Facades: Studio work	To Design Façade for Commercial buildings.

2nd week Jan 2023	Discussion on Advance Materials and their Application	
3rd week of Jan as per availability of expert.	CO2 – Discussion on Advancement in Construction Technology.	
4th week Jan and 1st week Feb 2023	Discussion on Energy Conservation, energy efficiency strategies, and green rating system.	
2nd week of Feb 2023 as per availability of expert.	Discussion on Advancement in Building Services.	
3rd week of Feb and 1st week of march 2023	Presentation on advanced building materials and their application in design	
2nd 3rd and 4th week of March 2023	**CO3 -** Discussion on integration of Advance construction technology, services, and Materials in Design and thesis.	Output in the form of Sheets which will include Façade design, Construction techniques, and Services.

CAMPUS PLANNING - TEACHING PROGRAMME 2022-23

5th year - 10th Semester (Even Semester)

TEACHERS INCHARGE: Ar. Namrata Gaurkhede , Ar. Samruddhi Amte and Ar. Rashmi Tijare

UNIT	TOPIC	DATES	TEACHING METHODS	EXPECTED OUTPUTS
	UNIT I			
1	Introduction to the subject, Philosophies/terms Select to campus planning terms/ philosophies, explain them through examples	2 (20 ,23 Dec 22,3 , 7 Jan)	PPT Presentations	(group of 4)1 sheet/ slide for each term explaining the
	UNIT II			
2	Case Study of a campus – study and analyze pros and cons of entire campus in terms of movement and enclosures Select a campus related to your thesis	2(10,13,17 ,20 Jan)	PPT Presentations	(group of 4)A1 sheets (1 to 2 no.s) Presentation
	UNIT III			
3	Application of the inferences (from case studies) in Thesis	2 (24,27 Jan , 2, 4 Feb)	PPT Presentations	(Individual)Discussion Submission
	SUBJECT CONTENTS/SESSIONAL EXAM/ TEST	**ATTENDANCE**		**TOTAL**
	80	**20**		**100**

THESIS 2022-2023

TEACHERS INCHARGE: Prof. Sujata Godbole

Following are the panels for all Internal & External Presentations the List of panels is mentioned below.

Thesis Panel List - 2022-2023

	PANEL 1	**PANEL 2**
SR.NO	**TEACHER NAME**	**TEACHER NAME**
1	DR. PRATIMA DHOKE	DR. NEETA LAMBE
2	PROF.SANJEEVANI MOHOGAONKAR	AR.MEDHA POPHALE
3	AR.VAIJAYANTI YADAV	
4	AR.SAMRUDDHI AMTE	AR. MRUNMAYEE TIWARI
	PANEL 3	**PANEL 4**
	TEACHER NAME	**TEACHER NAME**
1	DR.SAMPADA PESHWE	DR.ROOPAL DESHPANDE
2	ATULA PATWARDHAN	AR.ANURADHA BHUTE
3	AR.HARPREET SAGGU	AR.RASHMI THAKRE
4	AR.SEEMA BURULE	AR.ISHA PAWAR
	PANEL 5	**PANEL 6**
	TEACHER NAME	**TEACHER NAME**
1	DR.SUJATA GODBOLE	DR.MADHURA RATHOD
2	AR.RASHMI TIJARE	AR. SNEHA BODHANKAR
3	AR. SNEHA MANDEKAR	AR.PIYUSHA RATHORE
	PANEL 7	
	TEACHER NAME	
1	DR.TARIKA DAGADKAR	
2	AR.SARIKA JOSHI	
3	AR. NAMRATA THARWANI	

Below mentioned are the dates for Reviews for Final Year (Tenth Semester Students) and Schedule of Reviews for Project

Revised Thesis Schedule 2022-2023

15th Oct. to 19th Oct. 2022	Discussion with respective guides.
31st Oct. to 4th NOV.2022	Discussion with guides for finalization of a topic, Architectural challenge, Aims and objectives, Identified site and precedent studies.
5th Nov.2022	Submission of Synopsis and **Review I**
28th Nov. 2022	Submission of data collection and precedent study and inferences
28th Nov. to 3rd Dec.	**Review II** on research and precedent study
19th Dec.2022	Submission of detailed study of architectural issues.
10th to 13th Jan 2023 (as per the availability of the Panel)	**Review III** (Internal) Concept, Site analysis, Site plan,
1st Feb. 2023 to 7th Feb. 2023 (as per the availability of the Panel)	**Internal Review IV**(Internal) Concept, Site analysis, Site-plan, building Plan, Elevations, Sections in sketch format
15th to 22th Feb 2023(as per the availability of external)	**External Review I**(Requirements: Concept, Site analysis, Site-plan, building Plan, Elevations, Sections in sketch format
3rd week of Feb. 2023to 1st week of March 2023	Working on Architectural detailing. **Portfolio Submission** it will include Concept, Site analysis, Site-plan, building Plan, Elevations, Sections in sketch format and architectural detailing.
3rd week of March 2023	**External Review II**- Architectural detailing and Draft report (detailing of architectural Challenge)
3rd week of April 2022	**Pre-Final Review** - Prefinal Submission (All architectural drawings and thesis report)

Dates may change due to holidays, examinations, and other college commitments.

Marks Distribution of Thesis

Teachers In Charge: Dr. Sujata Godbole

The marks distribution for the project is as follows:

Total Marks: 600 Internal Marks: 350 External Viva-Voce Marks: 250

The Internal marks distribution for the project is as follows:

Sr. No.	Description	Total Marks
	Internal Marks	
1	Review I	10
2	Review II (Open Jury + Submission)	50
3	Review III	10
4	Review IV	10
5	Review V (External)	20
6	Submission	50
7	Review VI (External)	25
8	Pre-final Review I & Submission	100
9	Guide	75
	Total internal Marks	**350**
	External Marks	**250**
1	Data Collection	50
2	Concept	50
3	Report	50
4	Architectural Detailing	100
	Total External Marks	**250**

STRUCTURE OF THESIS REPORT

- COVER PAGE DECLARATION CERTIFICATE ACKNOWLEDGEMENT ABSTRACT
- LIST OF TABLES LIST OF FIGURES LIST OF IMAGES
- CONTENTS:
- CHAPTER 1: INTRODUCTION
- BACKGROUND OF STUDY
- INTRODUCTION TO TOPIC
- NEED OF STUDY
- AIM, OBJECTIVES, SCOPE &LIMITATIONS
- METHODOLOGY
  (If there are any sub-sections to a chapter section, a third degree of numbers will be added. For e.g. if there are further sections within Methodology, they will go as 1.5.1, 1.5.2, 1.5.3, and so on so forth)

- CHAPTER 2: LITERATURE REVIEW CHAPTER 3: PRECEDENT STUDY CHAPTER 4: SITE ANALYSIS
- CHAPTER 5: DESIGN DEVELOPMENT
- DESIGN REQUIREMENT
- CONCEPT
- Chapter 6: ARCHITECTURAL DETAILING BIBLIOGRAPHY

****

GUIDELINES FOR PREPARATION OF REPORT

- Heading Level 1 -MAIN TITLE OF THE CHAPTER. For e.g.

- CHAPTER 1: INTRODUCTION
- Text should be in ARIAL 18 pt. Bold

- Sub heading – level 2 – for e. g.

    - BACKGROUND OF STUDY
- Text should be in ARIAL 14 pt. Bold
- 1.1.2 Sub heading – level 3 **–** for e.g.

- Relevance of study

- Text should be in ARIAL 11 pt. Bold

- All other Text should be in ARIAL 11pt. FIGURES:
- Figures should be described appropriately in the text after referring it in the relevant text (Figure 1).Caption should be just below the figure text size 9 pt. Bold and write source.
- TABLES :
- Tables should be placed into the text just after referring to it in the text. They should be numbered as (*Table 1*) etc. The caption for a table should be written just above the table. Text size 9 pt. Bold.
- **REFERENCES** (ARIAL 18pt.
- Other Text Size: 11 pt.ARIAL

- References (sample)

    - Hyde, R. 2000 *Climate responsive design: a study of buildings in moderate and hot humid climates*, London: E and FN Spon
    - Olgyay, V., Olgyay, A. 1963 *Design with climate: a bio-climatic approach to architectural regionalism*, New Jersey: Princeton University Press
    - Perera, D.C., and Bandara, H.M: 1988, *Title of the paper in Italic*…… *in* Name/s of Edtors (ed), title of the proceedings, Title of the conference, Association of the conference, City
    - Perera, D.C and Nammuni, H.Y: 2013, *Title of the paper In Italic*, Journal name, Publisher, City, page numbers of the paper
    - Smythe, J. S. (ed.): 1990, Title of the book, Publisher of the book, City
    - Web, B.: 2012, "*Title of the web article*". Available from: Open Source Repository - address of the website (accessed 1 October 2014).

SUBMISSION REQUIREMENTS FOR PRE-FINAL & FINAL THESIS REVIEW

- Introduction (Aim, objectives, typology)
- Concept & Design Evolution (Intellectual Proposition)
- Design Program
- Site selection, Regional Study, Site analysis includes:
- Regional Level Plan
- Contextual Plan
- Site plan(scale:1:200)
- Architectural Detailing:
    - Site plan with sciography (Scale-1:200)
    - Building level plans (Scale –1:100)
    - Sections with structural system and material specifications (scale –1:100)
    - Elevations with sciography (Scale –1:100)
    - Details of services (Water supply, sewage, stormwater, HVAC, Firefighting, Rain water harvesting, Garbage disposal depending on typology.)
    - Views
    - Models (Regional study model, site model, building level model)
- Report

- Show North in all plans and USE that in your planning process.
- Write the scale of the drawing, especially plans
- Show levels (including 0.00) in all floor plans and sections
- In all staircase plans show UP and DOWN positions, with proper sign continuity
- Calculate properly the number of treads and risers in all staircases.
- Show door and window positions
- Show projections of all fenestration details in plans and sections
- Write 'ENTRANCE or EXITS' where applicable
- Line thickness (intensity) for sectional and elevational lines to be different
- If using the AutoCAD library for furniture or sanitary ware, remember to scale the units before placing it in rooms
- Check and re-check all floor plans of the same building for non-conformance- Eg; column positions, toilets, projections, staircases, lifts, open spaces, courtyards
- Provide for parapets in sections and in turn elevations
- Provide proper railings or parapets along corridors or open spaces or staircases, especially the first floor upwards.
- Remember to name all spaces that you have designed – especially in plan
- Specifications of ramps to be clearly mentioned – eg. Length and ratio of slope
- Porch size and its supporting structure if any should be clearly shown in a dotted line on GF plan and roof terraces if any on subsequent floors
- Preferably a roof/terrace floor plan to be shown for a better understanding of the roofing details
- Proper ducts to be provided to all toilets to cover all plumbing and ventilators
- Don't create unnecessary niches or projections in the building lines unless it is a part of your design concept.
- Any building should be lockable at night. It cannot be porous. Plan doors at every entry and exit/points
- Select sectional lines through areas so as to show different levels either in floors or roofs
- Remember to mention the size of rooms /facilitation
- Remember to mention the width of passages
- Remember to show the outer dimensions of the building
- In-site plan show road geometry/parking layout
- Sections - dimensions and materials
- Font size – Select the appropriate font size according to hierarchy/importance of text
- Formatting

SMT. MANORAMABAI MUNDLE COLLEGE OF ARCHITECTURE

TIME TABLE

EVEN SEMESTER 2022-23 (Odd sem. - 1st Yr 2022-23)

DAY	YEAR	8:45 to 9:15	9:15 to 12:15		1:00 to 4:00	
MONDAY	V	ASSEMBLY		**CONST**	**PP**	
	A			SG, TIJ, NTG, SJ, SA, TB	NTG, SA	
	B					
TUESDAY	V	ASSEMBLY		**ELECTIVE** Campus (NTG, SA)		
				High Tech Ar. (SG, SJ)		
				Urban Design (PC, TB)		
WEDNESDAY	V	ASSEMBLY	**CONST**			
	A		SG, TIJ, NTG, SJ, SA, TB			
	B					
THURSDAY	V	ASSEMBLY		**PP**		
	A					
	B			NTG, SA		
FRIDAY	V	ASSEMBLY	**ELECTIVE** Campus (NTG, SA)			
			High Tech Ar. (SG, SJ)			
			Urban Design (PC, TB)			
SATURDAY (For Working Saturdays)			**MEETING**		**ACTIVITY**	
			MEETING		**ACTIVITY**	
			MEETING		**ACTIVITY**	
			MEETING		**ACTIVITY**	

TIME TABLE INCHARGE

AR. PIYUSHA RATHOR

REVIEW SHEET

SMT.MANORAMABAI MUNDLE COLLEGE OF ARCHITECTURE

PROJECT –X SEM

REVIEW – I

Name of the Student:-_____

Topic:-

Thrust Area:-_____

Name of Guide:-_____

Jury's Comment: -____

_____
_____
_____
_____
_____

Guide's Comment:-___

_____
_____
_____

Grade Guide's Signature

REVIEW SHEET

SMT.MANORAMABAI MUNDLE COLLEGE OF ARCHITECTURE

PROJECT –X SEM

REVIEW – II

Name of the student:-_____

Topic:-

Thrust Area:-_____

Name of Guide:-_____

Jury's Comment: -____

_____
_____
_____
_____
_____

Guide's Comment:-___

_____
_____
_____

Grade Guide's Signature

REVIEW SHEET

SMT.MANORAMABAI MUNDLE COLLEGE OF ARCHITECTURE

PROJECT –X SEM

REVIEW – III

Name of the student:-_____

Topic:-

Thrust Area:-_____

Name of Guide:-_____

Jury's Comment: -____

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_____
_____
_____
_____

Guide's Comment:-___

_____
_____
_____

Grade Guide's Signature

REVIEW SHEET

SMT.MANORAMABAI MUNDLE COLLEGE OF ARCHITECTURE

PROJECT –X SEM

REVIEW – IV

Name of the student:-_____

Topic:-

Thrust Area:-_____

Name of Guide:-_____

Jury's Comment: -____

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Guide's Comment:-___

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REVIEW – V

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APPENDIX

- These suggestions are given to encourage a better presentation of the thesis. The thesis drawings should look like design drawings and not like the working drawings. For help see architects published designs in books and magazines.
- The detailing in the second option may look like the working drawings.
- Site selection and Analysis
- After finalizing the topic, the site shall be selected for the following considerations:150
- The site shall be in context with the topic finalized.
- It shall be visited by the student and guide together (if in the same city)
- The details of the site shall be procured by the local authorities, and its land use, current status, and proposed status shall be verified. Google maps can become reliable if the problem of uncooperative authorities persists.
- While visiting the site, the following points shall be carefully noted:
- Actual measurement of the site
- Capitalization on the strengths of the site (views to natural elements-water bodies, hills,etc)
- North
- Land use and zoning
- Services (Water/drainage/sewer/electric supply)
- Existing trees and vegetation
- Gradient/slope of the site
- Traffic & transportation status
- Surrounding context (buildings, rules, historical, socio-cultural/economic/political profile)
- A brief study of the important structures near the site.
- Microclimate of the site
- The site study shall be schematically presented, with sketches depicting the site strength and weakness. (Write up shall be minimal and photo pasting shall also be minimum) Roads, north, site services, trees, surrounding context, etc. shall be clearly shown.
- The design shall start with framing of design program me along with clarification of limitations of the topic.
- The activities and the tentative areas shall be designed, based on facilitation.
- The zoning of activities shall be done and options also shall be made to ensure the best one is worked upon.
- During zoning, it shall be decided whether the thrust shall be given to parameters of design (materials, climate, form, massing, and elements/principals of design). The design shall be pursued in that regard. At least three to four design options shall be made and evaluated. On evaluation further course should be decided.
- The design shall have the following sheets incorporated:
- Site Analysis (As per the above-given checklist)
- Site sections (min two, on both the axis, explaining the contours, gradient, road level, water level, etc)
- Site elevation (min two, showing the surrounding context, existing context, etc)
- Detailed Site Plan (Scale-which enables easy reading from a comfortable distance
- Existing approach road (width, name, approach, direction)

- Proposed hierarchy of roads, showing defined entry and exits (width, approach, direction)
- Proposed pathways (pedestrian, cycle, 2-w), hatch-denoting the material used in the pathway to proper scale, color and appropriate use of line weight.
- Existing and proposed trees and vegetation (use of appropriate color and line weight. Keeping in mind the climate of the site)
- Existing and proposed site services (drainage, water supply, electrical, fire tanks, sump, water reservoir, cooling services, etc.)
- Proposed building blocks with use of appropriate line weight, sciography, color etc.
- Legends showing proposed activities and spaces.
- Site section and site elevation to same scale as that of site plan.
- Detailed floor plans (scale-1:100)
- Basement plan, if any, denoting parking and its detailing of lanes, width, manoeuvring of cars along with structural grid (column position, sectional details, specifying beam depth, floor heights)
- Ground floorplan
- Entry from main gate to the building to be clearly shown
- The main entry should always be related to the main road, which leads inside the campus and the various zones it leads to.
- Structural grid, walls shall be made bold and provided with wall hatch
- Doors, windows, shading devices, openings, large openings, semi-open gates, etc. needs to be shown as per various lines.
- Furniture facilitation (light line weight)
- Toilet, balcony, level areas-drops to be shown for the understanding of levels
- Levels should be written with respect to road level or ground level,
- Passage, lobby or balcony widths
- Staircase, lift detailing should be done with appropriate arrows, lift car, etc.
- Courtyards and open spaces should be hatched and given app. Scale and color.
- The plan shall be labeled at the bottom specifying the level of floor plan and its scale.
- The elevation of the floor plan shall be placed above the plan and the section can be shown at the bottom of the plan.
- The section line should be clearly shown in the plan with bold line weight.
- Any extension or floor at floor shall be shown in a dashed line.
- The plan shall be rendered showing trees, landscape elements, etc.
- Any material or technology which has been used for the aesthetical purpose.
- All other floor plans(scale-1:100)
- Any reduction in first-floor level shall be shown at first floor with dashed or dotted line.
- Other requirements shall be similar as that of ground floorplan.
- Any cut-outs or roof overhangs shall be shown(dashed)
- Sections (max 4: scale-1:100) THESE ARE MOSTIMPORTANT
- Showing level differences, space relationship, scale and proportion, structural detailing, heights at every level, overhangs, etc.
- The services hoisted at the topmost floor (OHT, solar panels)
- The detailing of roofing and the material used their connection and joineries etc.
- Elevations (all sides:scale-1:100)

- The elevation features which could render it iconic, expressive and a landmark have to be shown in elevations.
- The material detailing, roof detail section
- All the levels have to be clearly marked with respect to ground level.
- Rendering, trees, human figures, etc. can be shown
- Any one detail of either of the interior of exterior (in the form of views, sectional details, elevation)
- Details, views of sections which explain any especially designed space, landmark, landscape feature, lavational façade ,etc.
- Views & model (same as site plan scale)
- The site plan details should complement the model
- Model should be detailed out with respect to contours, landscape, levels, façade
- All the sketch models should be photographed and used to demonstrate the evolution of design

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