

# Periyar Maniammai Institute of Science and Technology (PMIST)



**PERIYAR  
MANIAMMAI**  
INSTITUTE OF SCIENCE & TECHNOLOGY

(Deemed to be University)  
Established Under Sec. 3 of UGC Act, 1956 • NAAC Accredited

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## **M.Arch. Regulations 2020**

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## DEPARTMENT OF ARCHITECTURE

### POST GRADUATE PROGRAMME

(These Rules and Regulations are applicable to the students admitted to the Department of Architecture, Faculty of Architecture and Planning of this Institution from the academic year 2020 onwards).

#### 1. PROGRAMMES OFFERED, MODE OF STUDY AND ADMISSION REQUIREMENTS

##### 1.1 P.G. PROGRAMMES OFFERED

A candidate may be offered with the branch of study approved by the Institution as outlined in Table 1.

**TABLE 1** P.G Programmes offered in the Department of Architecture

<b>M. Arch. (General Architecture)</b>	<b>Full-Time (Day time)</b>
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##### 1.2 MODES OF STUDY

###### 1.2.1 Full-Time:

Candidates admitted under ‘Full-Time’ should be available in the Department during the entire working hours for curricular, co-curricular and extra –curricular activities assigned to them.

##### 1.3. ADMISSION REQUIREMENTS

**1.3.1.** Candidates for admission to the M.Arch (General Architecture) shall be required to have passed an appropriate Degree Examination of any University recognized by UGC as specified in Table 2 or authority accepted by the BoM of Periyar Maniammai Institute of Science and Technology as equivalent thereto.

**TABLE 2**

Degree	Qualifications required for admissions
M. Arch	B. Arch./A.I.I.A*

\*Candidates who have qualified as A.I.I.A with registration prior to 2002 with CoA (Council of Architecture) registration are eligible.

**1.3.2** However, the BoM (Board of Management) of the Institution may decide to restrict admission in any particular year to candidates having a subset of qualifications prescribed in Table 2.

**1.3.3 Notwithstanding** the qualifying examination the candidate might have passed, she/he shall have a minimum level of proficiency in the appropriate programme/courses as prescribed by the BoM of the Institution from time to time.

**1.3.4** Eligibility conditions for admissions such as class obtained, number of attempts in qualifying examination and physical fitness will be prescribed by the BoM of the Institution from time to time.

## **2. DURATION OF THE P.G.PROGRAMMES**

Minimum and maximum period for completion of the P. G. Programme is given below in Table 3.

**TABLE 3**

<b>Programme</b>	<b>Min. No. of Years</b>	<b>Max. No. of Years</b>
M. Arch.- Full-time	2	4*(+1 in exceptional cases)

\* (n+ 2) +1 in exceptional cases

## **3. STRUCTURE OF THE PROGRAMME**

**3.1** The programme will have curriculum and syllabi consisting of Theory courses, Theory cum studio course, Studio Courses, Dissertation and Thesis.

**3.2** The number of credits to be earned for the successful completion of the programme shall be as specified in the Curriculum of the P.G. Programme.

**3.3** Each semester shall normally consist of 90 working days or 450 periods of 50 minutes duration for full time mode. The HOD shall ensure that every teacher imparts instruction as per the number of periods specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the course being taught.

**3.4** Credits will be assigned to the courses for different modes of study as given below:

<b>Contact period per week</b>	<b>CREDITS</b>
1 lecture	1
2 tutorials	1
2 studio	1.5

**3.5** The electives from the curriculum are to be chosen with the approval of the Head of Department.

**3.6** Presentation and publishing of research articles is mandatory for students. A student shall publish 2 papers (1 – National / International Journal and 1 - National/International conference).

**3.7** A student who has passed all the courses prescribed in the curriculum for the award of the degree shall not be permitted to re-enroll to improve her/his marks in a course or the

aggregate marks / CGPA. Besides a student who has acquired the minimum number of total credits prescribed in the Curriculum for the award of the Masters Degree will not be permitted to enroll for more courses to improve his/her cumulative grade point average.

- 3.8 The medium of instruction shall be English for all courses, examinations, design studio, seminar presentations and project/thesis/dissertation reports.

#### 4. PROCEDURES FOR AWARDING MARKS FOR FORMATIVE ASSESSMENT

##### 4.1 THEORY COURSES

The maximum marks for formative Assessment shall be 50. Three assessments each carrying 100 marks shall be conducted by the Department and shall be reduced to the weightage as given in Table 4.

**TABLE 4**

Name of Assessment		Weightage in marks
<b>Formative Assessment</b>		<b>50</b>
Continual Internal assessment	Assignment	10
	Seminar	10
	Test or quiz	5
Real Time Evaluation		25
<b>Summative Assessment</b>		<b>50</b>

##### 4.2 THEORY CUM STUDIO COURSES

Assessments for theory cum studio courses each carrying 100 marks shall be conducted by the Department and shall be reduced to the weightage as given in Table 5.

**TABLE 5**

Name of Assessment		Weightage in marks
<b>Formative Assessment</b>		<b>50</b>
Continual Internal assessment	Assignment	10
	Seminar	10
	Drawing plates/model	10
Real Time Evaluation		20
<b>Summative Assessment</b>		<b>50</b>

##### 4.3 DESIGN PROJECT

Every design project shall be continuously evaluated based on the projects conducted and records maintained and submitted at the end of each assessment period. The criteria for arriving at the formative assessment marks shall be approved by the Dean and shall be announced at the beginning of every Semester. The continual internal assessment will carry a weightage of 70% of the total marks prescribed for the course as outlined in Clause 9.4.3.

#### **4.4 DISSERTATION/ THESIS**

There shall be a minimum of four assessments (each carrying 100 marks) during the semester by a review committee. The student shall make a presentation on the progress made before the committee. The HOD shall constitute the review committee on approval of Dean, which shall comprise of Dissertation / Thesis Coordinator, supervisor of the thesis/ dissertation and one external member. The total marks obtained in all the assessments put together, shall be a weightage of 70% of the total marks prescribed for the course as outlined in Clause 9.4.3 and Clause 9.4.4.

### **5. GUIDELINES FOR CONDUCT OF DISSERTATION AND THESIS**

#### **5.1 DISSERTATION:**

**5.1.1** Dissertation is a Thesis preparation course offered in the third semester of the PG programme. It is basically a review and critical appraisal of literature/ works done related to any coursework of the respective program. The dissertation shall be carried out under the supervision of a qualified teacher in the concerned Department. In this context “qualified teacher” means the faculty member possessing (i) PG degree with relevant specialization with a minimum of 3 years’ experience in teaching PG courses or (ii) Ph.D degree in relevant discipline.

**5.1.2** The Dissertation shall be pursued for a minimum of 15 weeks during the third semester.

**5.1.3** The Dissertation Report prepared according to approved guidelines and duly signed by the supervisor(s) shall be submitted to the HOD.

**5.1.4** The Dissertation shall be submitted within 20 calendar days from the last working day of the semester in which the Dissertation is done.

**5.4.5** If a candidate fails to submit the Dissertation on or before the specified deadline, she/he is deemed to have failed in the Dissertation and shall re-enroll the same in a subsequent semester when the course is offered next.

**5.5.6** If a candidate fails to attend any one of the four internal reviews and one final external review, she/he is deemed to have failed in the Dissertation and shall re-enroll the same in a subsequent semester when the course is offered next.

**5.1.7** However, the BoM of the Institution may decide to conduct the fast track examination for the failures in dissertation, provided the candidate does not have any supplementary papers in all the semesters including the third semester.

#### **5.2 THESIS:**

**5.2.1** Thesis shall be carried out under the supervision of a qualified teacher in the concerned Department. In this context “qualified teacher” means the faculty member possessing (i) PG degree with relevant specialization with a minimum of 3 years experience in teaching PG courses or (ii) Ph.D degree in relevant discipline.

**5.2.2** A candidate may, however, in certain cases, be permitted to work on the project in an Industrial / Research Organization, on the recommendations of HOD, with the approval of the Vice Chancellor. In such cases, the Thesis shall be jointly supervised by a supervisor of the department and an expert from the organization and the student shall be instructed to meet the supervisor periodically and to attend the review committee meetings for evaluating the progress.

**5.2.3** The Thesis shall be pursued for a minimum of 15 weeks during the final semester.

**5.2.4** The Thesis Report and Drawings shall be prepared according to approved guidelines and duly signed by the supervisor(s) and shall be submitted to the HOD.

**5.2.5** The deadline for submission of final Thesis is 30 calendar days from the last working day of the semester in which thesis is done.

**5.2.6** If a candidate fails to submit the Thesis on or before the specified deadline, he/she is deemed to have failed in the Thesis and shall re-enroll the same in a subsequent semester when the course is offered next.

## **6. REQUIREMENTS FOR COMPLETION OF A SEMESTER**

A candidate who has fulfilled the following conditions shall be deemed to have satisfied the requirements for completion of a semester.

### **Attendance requirement:**

1. The minimum attendance required for appearing in the formative assessment of real time evaluation 75%
2. Maximum of five marks is allotted for attendance as one of the component in the formative assessment.

<b>Percentage of Attendance</b>	76-81	82-87	88-93	94-99	100
<b>Marks</b>	1	2	3	4	5

3. The minimum percentage of attendance required to appear for the **end semester examinations (summative)** is 75% (course wise).
4. If the percentage of attendance is between 65% and below 75% for the individual courses due to **medical reasons**; then the student is eligible to apply for condonation with a prescribed fee of Rs. 300/ per course and also to produce a medical certificate from a registered medical practitioner not below the rank of a Civil Assistant Surgeon
5. If the percentage of attendance is less than 75% and above 65% (overall attendance), she /he has to appear for the exam as supplementary after gaining the required attendance.
6. If the percentage of attendance is less than 65% (all courses put together) then the student will be categorized under "Redo candidate".

7. For calculating the percentage of attendance; following norms are framed:  
 For Real time evaluation – From the reopening date to the day before Real time evaluation  
 For End semester – From the starting date to last working day.
8. If a student falls under Redo category, while rejoining he/she has to again pay the prescribed semester fees along with re-registration fees (Rs.500/-).

**Special Exams:** Participation on behalf of Institution in co-curricular / Sports Event or related work or any other activity as recommended by the HOD/Authorities. This is applicable for all exams.

The following letter grade will appear in the mark sheet for every course for the attendance gained in that course.

Performance	Letter Grade	% of Attendance
Outstanding	<b>O</b>	$\geq 95\%$
Medium	<b>M</b>	$\geq 85\%$ and $< 95\%$
Satisfactory	<b>S</b>	$\geq 75\%$ and $< 85\%$

## 7. REQUIREMENTS FOR APPEARING FOR THE SEMESTER EXAMINATIONS

A candidate shall normally be permitted to appear for the semester examination if she/ he has satisfied the semester completion requirements (vide clause 6) and registered for examination in all courses of that semester. Registration is mandatory for all courses in the current semester as well as for the supplementary course(s) failing which the candidate will not be permitted to move to the higher semester.

## 8. SUMMATIVE AND VIVA-VOCE EXAMINATIONS

- 8.1.** There shall be one summative assessment of not less than 3 hours duration in each theory courses. The examination shall ordinarily be conducted between December and January during the odd semesters and between May and June in even semesters. The maximum marks for each theory, theory cum studio shall be 100 comprising of 25 / 30 marks for continual internal assessment, 25/ 20marks for Real time evaluation and 50 marks for the summative assessment respectively.
- 8.2** The Design project / Dissertation and Thesis shall be evaluated through a Viva – Voce Examination based on the report, drawings, models and records maintained.
- 8.3** The evaluation of the Design project / Dissertation and Thesis shall be based on the report and drawings and through a Viva–Voce Examination conducted by an **External Examiner**. The external examiners shall be appointed by the HOD based on the approval of the Dean. The thesis coordinator and the supervisor shall also be present at the Viva-Voce Examination.

- 8.4** If a student indulges in malpractice during tests / examinations / design review / viva-voce, the student shall be liable for disciplinary action as prescribed by the Institution from time to time

## **9. PASSING REQUIREMENTS**

### **9.1 Theory and theory cum studio based courses:**

- 9.1.1 There is no passing minimum for FA . However, a student must secure:

Minimum 40% in SA (includes Theory cum Lab) and 50% in total (overall)

- 9.1.2 Students are permitted to appear for the supplementary examinations both during odd and even semester

- 9.1.3 A candidate who secures not less than 50% of total marks prescribed for the courses shall be declared to have passed in the Examination.

- 9.1.4 If a candidate fails to secure a pass in a particular course she/he shall register and reappear for the examinations during the next semester when examination is conducted for that course.

### **9.2 Design Project / Dissertation**

- 9.2.1** If a candidate does not obtain 50% of the marks prescribed for the formative assessment he/she shall not be permitted to submit the report and take the Viva Voce examination at the end of the semester. She/he shall re-enroll for the course when the Course is offered next and shall register and reappear for the Viva-Voce examination in that course till he/she secures a pass.

- 9.2.2** A candidate who secures not less than 50% of total marks prescribed for the formative assessment and with a minimum of 50% of the marks prescribed for the Viva Voce examination shall be declared to have passed in the Examination.

- 9.2.3** If a candidate does not secure 50% of the marks in the Viva Voce examination and therefore fails to secure a pass she/he may be permitted to go to the next semester and she/he shall resubmit the work with improvements within 30 days of the declaration of results and appear for a supplementary Viva-Voce examination. However, the formative assessment marks obtained by the candidate shall be retained and considered valid for the supplementary Viva-Voce examination.

- 9.2.4** If a candidate fails to secure a pass in the Design Project / Dissertation courses, he/she may re-register for the course and redo the same from the third attempt onwards she/he should secure fresh internal marks and appear Viva Voce examination.

### **9.3 THESIS:**

- 9.3.1** If a candidate does not obtain 50% of the marks prescribed for the formative assessment he/she shall not be permitted to submit the report and take the Viva Voce examination at the end of the semester. He / she shall re-enroll for the course when the Course is offered next and shall register and reappear for the Viva-Voce examination in that course till he/she secures a pass.

**9.3.2** If a candidate does not obtain 50% of the marks prescribed for the formative assessment he/she shall not be permitted to submit the thesis and take the Viva-Voce examination at the end of the semester. He/she shall re-enroll for the course when the course is offered next and shall register and reappear for the Viva Voce examination in that course till he/she secures a pass.

**9.3.3A** Candidate who secures not less than 50% of total marks prescribed for the formative assessment and with a minimum of 50% of the marks prescribed for the Viva Voce examination shall be declared to have passed in the examination.

**9.3.4** If a candidate does not secure 50% of the marks in the Viva Voce examination and therefore fails to secure a pass she/he shall resubmit the thesis within 30 days of the declaration of results and appear for the supplementary Viva-Voce examination provided those candidates doesn't have standing arrears. However, the formative marks obtained by the candidate shall be retained and considered valid for the supplementary Viva Voce examination.

**9.3.5.** If a candidate fails to secure a pass in the Thesis, she/he may re-register for the course and redo the same From the third attempt onwards the candidate should secure fresh internal marks and appear for Viva Voce examination.

#### **9.4 SCHEME OF VALUATION**

##### **9.4.1 Theory Courses:**

###### **Formative Assessment**

**Continuous Int. Assessment** - **50 %**

Internal Assessment - 25%

Real Time Evaluation - 25%

###### **Summative Assessment**

**End semester examination** - **50 %**

##### **Weightage**

##### **9.4.2 Theorycum Studio Courses:**

###### **Formative Assessment**

**Continuous Int. Assessment** - **50 %**

Internal Assessment - 30%

Real Time Evaluation - 20%

###### **Summative Assessment**

**End semester examination** - **50 %**

##### **Weightage**

##### **9.4.3 Design project/ Dissertation:**

###### **Formative Assessment**

**Continuous Int. Assessment-** **70%**

Internal Review 1 - 15%

Internal Review 2 - 15%

Internal Review 3 - 15%

Internal Review 4 - 25%

##### **Weightage**

**Summative Assessment**

<b>End evaluation</b>	-	<b>30%</b>
External Viva voce	-	30%

**9.4.4.Thesis**

Individual work done by the students on their chosen area of interest for one full semester during the IV semester. Four periodical reviews (once in 30 days) by the panel of evaluators (one academician / one practicing architect) and final viva voce after 90 days.

<b>Evaluation Procedure:</b>		<b>Weightage</b>
<b>Periodical reviews</b>	-	<b>70%</b>
Review 1	-	15 %
Review 2	-	15 %
Review 3	-	15 %
Review 4	-	25 %
<b>End evaluation</b>	-	<b>30 %</b>
Viva-voce (External)	-	30 %

**10. MINIMUM REQUIREMENTS OF MARKS FOR PASSING A COURSE**

<b>Type of Assessment</b>	<b>Architecture</b>
	<b>UG B.Arch Programme</b>
Formative	There is no passing minimum for FA
Summative	40%
Total= Formative + Summative	50%

**11. SUPPLEMENTARY EXAMINATIONS**

11.1 The students who have not secured minimum marks to pass the course have to reappear for the supplementary exams in the subsequent semester.

11.2 Students who have secure less mark in the formative assessment under OBE scheme has to retake those assessments.

11.2.1 All components pertaining to formative assessment, for example Real time evaluation,.. etc. will be offered. A student can take all or few assessments. The assessment will take place from week 4 of the semester.

## 12.AWARD OF LETTER GRADES

### 12.1.GRADE VERSUS MARKS DISTRIBUTION

Grade Letter	Grade Point	Performance	Actual Marks
O	10	Outstanding	$A \geq 91$
A+	9	Excellent	$81 \leq A < 91$
A	8	Very Good	$71 \leq A < 81$
B+	7	Good	$61 \leq A < 71$
B	6	Above Average	$55 \leq A < 61$
C	5	Pass	$50 \leq A < 55$
U	0	Reappear/Absent	$A < 50$
W	0	Withdrawal	

**CGPA to Percentage conversion:**CGPA to percentage conversion is multiplication of CGPA with 10.

### 12.2GRADE SHEET

After results are declared, Grade Sheets will be issued to each student which will contain the following details:

- The Name of the Institution.
- The list of courses enrolled during the semester and the grades scored.
- The Grade Point Average (GPA) for all the courses of the semester and
- The Cumulative Grade Point Average (CGPA) of all courses enrolled from first semester onwards.

#### 12.2.1CALCULATION OF GRADE POINTS

Institution uses Grade Point Average (GPA), an internationally recognized calculation which is used to find the average result of all grades achieved.

The GPA is calculated by taking the sum of the products of grade points with the corresponding credit earned by the student divided by sum of credits. The formula for calculating GPA is given in equation (1).

$$GPA = \frac{\sum_i C_{ni} G_{ni}}{\sum_i C_{ni}} \quad (1)$$

Cumulative Grade Point Average is a calculation of the average of all student's grades for all subjects completed so far. The formula for calculating CGPA is given in equation (2).

$$CGPA = \frac{\sum_n \sum_i C_{ni} G_{ni}}{\sum_n \sum_i C_{ni}} \quad (2)$$

Where  $C$  denotes subject  $G$  denotes grade point  $n$  denotes semester number and  $i$  denotes subject number.

“U” grade will be excluded for calculating GPA and CGPA.

### 13. ELIGIBILITY FOR THE AWARD OF THE DEGREE

13.1 A student shall be declared to be eligible for the award of the Degree if she/he has:

- Successfully acquired the required credits as specified in the Curriculum corresponding to his/her Programme within the stipulated time.
- No disciplinary action is pending against her/him.
- The award of the degree must be approved by the BoM.

### 14. CLASSIFICATION OF THE DEGREE AWARDED

14.1

Classification	CGPA	Remarks
First Class with Distinction	CGPA 7.5 and above	All the courses are to be passed in first attempt. Maximum number of courses which can be withdrawn is three and withdrawal considered for only one semester of the programme.
First Class	CGPA 6.0 and above	CGPA 6.0 (in any attempt) and above in $n + 1$ consecutive years where $n$ is the number of years for a programme
Second class	CGPA Less than 6.0	

14.2 A candidate who is absent in end semester examination / Viva – Voce examination in a course after having enrolled for the same shall be considered to have appeared in that examination for the purpose of classification.

### 14.5 REVIEW OF ANSWER PAPERS

A candidate shall review his / her semester examination answer paper in a theory course, within a week from the valuation of answer papers. Then the Answer papers shall be signed by the subject i/c and HOD before declaring the results.

### 15. AUTHORIZED BREAK OF STUDY FROM A PROGRAMME

15.1 A candidate is normally not permitted to temporarily break the period of study. However, if a candidate happens to discontinue the programme temporarily in the middle of duration of study for valid reasons (such as accident or hospitalization due to prolonged ill health) and to rejoin the programme in a later semester he / she shall apply to the Dean, Academic Courses in advance, in any case, not later than the last date for registering for the semester in question, through the Head of the Department stating the reasons.

15.2 The candidates permitted to rejoin the programme after break of study / prevention due to lack of attendance, shall be governed by the Curriculum and Regulations in force at the time of rejoining. The students rejoining in new Regulations shall apply 4(+1 exceptional cases) to the Dean, Academic Courses in the prescribed format through Head of the

Department for prescribing additional courses, if any, at the beginning of the readmitted semester itself, so as to compensate for the shortage of the credits.

- 15.3** The authorized break of study will not be counted towards the duration specified for passing all the courses for the purpose of classification (vide Clause 12.1).
- 15.4** The total period for completion of the programme reckoned from, the commencement of the first semester to which the candidate was admitted shall not exceed the maximum period specified in Clause 2 irrespective of the period of break of study in order that she /he may be eligible for the award of the degree.
- 15.5** If any student is detained for want of requisite attendance, progress and good conduct, the period spent in that semester shall not be considered as permitted "Break of Study" and Clause 13.3 is not applicable for this case.
- 15.6** In case of any valid reasons for extension of Break of Study, such extended Break of Study may be granted by the approval of the Dean, Academic Courses for a period not more than 1 year in addition to the earlier authorized Break of Study. Such extended break of study shall be counted for the purpose of classification of degree (vide clause 12.1 and 12.2). If the candidate has not reported back to the department, even after the extended Break of Study, the name of the candidate shall be deleted permanently from the Institution enrollment. Such candidates are not entitled to seek readmission under any circumstances.

## **16. PRESENTATION AND PUBLISHING OF RESEARCH ARTICLES**

In order to motivate the students towards research, it is proposed that students should make presentation and publish research articles during their study period. It is made mandatory for the award of the degree and is applicable for students admitted from the academic year 2017-18 onwards.

M.Arch/Two year integrated – 2 articles (1 paper in National/International Journal and 1 in National or International Conference)

## **17. DISCIPLINE**

Every student is required to observe disciplined and decorous behavior both inside and outside the college and not to indulge in any activity which will tend to bring down the prestige of the Institution. In the event of an act of indiscipline being reported, the Dean shall constitute a disciplinary committee consisting of the Dean, HOD of the department of the student and one senior professor from another Department to enquire into the acts of indiscipline and notify the Institution about the disciplinary action recommended for approval.

## **18. REVISION OF REGULATION AND CURRICULUM**

The Institution may from time to time revise, amend or change the Regulations, scheme of examinations and syllabi and if necessary the same brought to the Academic Council and the Syndicate for the approval.