Periyar Maniammai Institute of Science and Technology (PMIST)





(Deemed to be University)

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B.Ed. Regulations 2020

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REGULATIONS 2020

Degree Programme with Semester System

1. ELIGIBILITY FOR ADMISSION TO THE B.Ed. PROGRAMME

A candidate shall be eligible for admission to the B.Ed. programme leading to the Degree of Bachelor of Education (B.Ed.) provided:

- (i) The candidates should have undergone 10+2+3(15) or 11+1+3(15) pattern of study and passed the qualifying examination conducted by the respective State Board or CBSE or any other recognized Board of Education / Examination and UG Degree Examination of the UGC recognized Universities in any one of the school subjects offered by the Directorate of School Education at the Secondary / Higher Secondary Education level.
- (ii) Candidates, who have passed the UG or PG Degree under Open University System without qualifying in 11 years SSLC Examination and one year of Pre-University Course (P.U.C) examination or 10+2 pattern of School Education Examination are not eligible for admission, even if they subsequently qualify in one year SSLC and one year PUC or 10+2 pattern of School Education Examination.
- (iii) Candidates, who have studied more than one main subject in Part III/Part IV (under Double / Triple Major System) of UG Degree course should have to choose only one of the main subjects and should have applied for that optional only. In such cases, marks obtained by the candidates in two / three major subjects shall be taken in to account to arrive at the percentage of marks as stipulated in item (ix) herein.
- (iv)Candidates, who have passed any degree under Additional Degree Programme with less than three years duration, are not eligible for admission.
- (v) Candidates, who have passed under four year Dual Degree Programme with two major subjects under Part III are not eligible for admission.
- (vi)Candidates, who have qualified the P.G. Degree in the subjects in Home Science, Economics, Commerce, Political Science, Sociology, Psychology, Logic, Indian Culture, and Philosophy with not less that 50% of marks are eligible for admission, subject to the condition that the major subject in the UG and PG Degrees shall be one and the same.

(vii) Candidates, who have qualified the PG Degree (5 year integrated course) under 10 + 2 + 5 or 11+1+5 pattern of study, shall be considered for admission. In such cases, the marks obtained by the candidates in the first three years (in major and ancillary or allied subjects alone) of the course alone shall be taken in to account for admission to B.Ed. Degree programme for the subjects in Tamil, English, Mathematics, Physical Science (Physics), Physical Science (Chemistry), Biological Science (Botany), Biological Science (Zoology), History, Geography, and Computer Science. The marks obtained by the candidates in the last two years (4th & 5th year) alone shall be taken into account for admission to B.Ed. Degree programme for subjects in Home Science, Economics, Commerce, Political Science, Sociology, Psychology, Logic, Indian Culture, and Philosophy.

2. Selection Procedure: Equivalent Subjects

- a) Candidates who have done their UG Degree in Applied Mathematics can apply for Mathematics.
- b) Candidates, who have done their UG Degree in Applied Physics, Geo-Physics, Bio-Physics and Electronics, can apply for Physical Science.
- c) Candidates, who have done their UG Degree in Applied Chemistry, can apply for Physical Science.
- d) Candidates, who have done their UG Degree in Bio-Technology, Plant-Biology, and Plant Bio-Technology, can apply for Biological Science.
- e) Candidates, who have done their UG Degree in Environmental Science and Micro-Biology, can apply for Biological Science.
- f) Candidates, who have done their UG Degree in Applied Geography, can apply for Geography.
- g) Candidates, who have done their UG Degree in Computer Science, Information Technology and Computer Application, can apply for Computer Science.
- h) Post Graduate candidates in Economics, Commerce, Home Science, Political Science, Sociology, Psychology, Philosophy, Logic, and Indian Culture with not less than 50% (irrespective of their UG Marks) of marks in PG Degree or in the

- interdisciplinary subject, which are being declared equivalent by the respective University can apply.
- i) Candidates, who have done their PG Degree in Nutrition and Dietetics are eligible to apply for Home Science.
- j) Candidates, who have done their UG Degree in the school subjects, are eligible for admission to B.Ed. However, those who have done the UG in the subjects for which equivalence is not covered under the G.O.(1D)No.257, Higher Education (G1) Department, Dated 19.07.2016, shall have to obtain an equivalence certificate for the respective subjects from the University concerned to consider their admission to B.Ed. Degree programme.

3. Basis of Selection

- k) Candidates, who have done their UG level without language Tamil or other Indian Languages under Part-I and are awarded degree with English and Main subjects concerned will be considered for admission to B.Ed. subject to the condition that they have to qualify in Tamil Language Test conducted by the TNPSC for the purpose of employment.
- Candidates, who have done their Bachelor's Degree in Engineering or Technology with specialization in Science and Mathematics or any other qualification equivalent thereto, are eligible for admission to B.Ed. Degree programme. (Physical Science, Biological Science, Mathematics and Computer Science).
- ix) Candidates, with the following marks in the UG Degree are eligible for admission a to B.Ed. Degree programme with the subjects in Tamil/Urdu (Urdu in Self-Financing Colleges only), English, Mathematics, Physical Science (Physics), Physical Science (Chemistry), Biological Science (Botany), Biological Science (Zoology), History, Geography, and Computer Science. The marks obtained in UG Degree alone shall be taken to arrive the eligibility even if they possess PG Degree in the same subject. For the subject in Home Science, Economics, Commerce, Political Science, Sociology, Psychology, Logic,

Indian Culture, and Philosophy, PG Degree with not less than 50% marks is mandatory and the subjects in UG and PG shall be one and the same.

Community/Category	Minimum Marks
OC	50%
BC/ BCM	45%
MBC / DNC	43%
SC /SCA/ ST	40%

a) Marks obtained by the candidates in the UG Degree Course Part-III / IV Major and Allied including Practical *Tamil, English, Mathematics, Physical Science (Physics), Physical Science (Chemistry), Biological Science (Botany), Biological Science (Zoology), History, Geography, and Computer Science]* alone shall be taken in to account to arrive at the percentage of marks mentioned above. Marks obtained under Part-V subjects shall not be taken into account to arrive at the percentage of marks. If the candidates possess PG Degree in these subjects, weightage of marks for the highest qualification in the relevant subject will be given as follows and added to the base marks for Ranking. However minimum marks mentioned in the 'item (ix)' is mandatory for the subjects in Tamil, English, Mathematics, Physical Science (Physics), Physical Science (Chemistry), Biological Science (Botany), Biological Science (Zoology), History, Geography, and Computer Science and not less than 50% of marks for the subjects in Home Science, Economics, Commerce, Political Science, Sociology, Psychology, Logic, Indian Culture, and Philosophy.

Highest Qualification	/eightage of marks
Candidates with PG (Except the subjects Home Science, Economics, Commerce, Political Science, Sociology, Psychology, Logic, Indian Culture, and Philosophy, since PG Degree is the requisite qualification for admission to B.Ed. Degree.)	4 (four) marks
Candidates with M.Phil.	5 (five) marks
Candidates with Ph.D.	6 (six) marks

- b) Marks obtained by the candidates in the PG Degree [Home Science, Economics, Commerce, Political Science, Sociology, Psychology, Logic, Indian Culture, and Philosophy] shall be considered eligible for admission, but weightage marks will not be given as mentioned in 'item (ix) (a)'.
- c) To arrive at above percentage of marks, the marks obtained by the candidates in Major / Ancillary / Allied subjects (Part III & IV) including practical alone shall be taken in to account.
- d) For the students who have done their Bachelor's Degree in Engineering or Technology, the marks obtained in their Degree shall be taken into account.
- e) Rounding of the marks to the next higher integer shall not be permitted.
- f) The candidates who are qualified in UG Degree under Open University System after passing 10th Standard and +2 Examinations shall alone be considered for admission to B.Ed. Degree programme.
- g) The candidates who are qualified in UG Degree under Open University System without passing 10th Standard and +2 Examinations and subsequently passing 10th and +2 examinations are not eligible for admission to B.Ed. Degree programme.
- (x) Candidates, who have passed PG Degree in Economics, Commerce, Home Science, Political Science, Sociology, Psychology, Philosophy, Logic, and Indian Culture without undergoing 10+2+3 or 11+1+3 pattern of education, are eligible for admission.
- (xi) In the case of Differently-Abled (Physically and Visually Challenged) candidates, a minimum pass in the requisite qualification is enough.

However, the basis of selection shall be in accordance with the Regulations of the University / Government of Tamil Nadu Guidelines for Admission to B.Ed. Degree programme in force from time to time.

4. DURATION OF THE B.Ed. PROGRAMME

The B.Ed. programme shall be for duration of two academic years consisting of 200 working days (36 hours in a week- 5 or 6 days in a week) each year, excluding the period of examination and admission.

10. PROGRAMME CONTENT

The B.Ed. programme will consist of Theory courses in 'Perspectives in Education', and 'Curriculum and Pedagogic Studies' along with 'Engagement with the Field' as practical component.

COURSES IN PERSPECTIVES IN EDUCATION

Course 1: Childhood and Growing up

Course 2: Education in India: Status, Problems and issues

Course 3: Curriculum Development and School

Course 6: Learning and Teaching

Course 8: Gender, School and Society

Course 9: Creating an Inclusive School

COURSES IN CURRICULUM AND PEDAGOGIC STUDIES

Course 4: Language across the Curriculum

Course 5 (a & b): Pedagogy of a School Subject

Course 7: Assessment for Learning

Course 10: Optional Course (Any One)

a. Value Education

b. Futurology in Education

c. Health and Physical Education

- d. Guidance and Counselling in School
- e. Environmental Education
- f. Action Research

ENGAGEMENT WITH THE FIELD - THE SELF, THE CHILD, COMMUNITY AND

SCHOOL

This curricular area would have three components:

- 1. Tasks and Assignments that run through all the courses as indicated in the year wise distribution of the syllabus.
- 2. School Internship.
- 3. Courses on Enhancing Professional Capacities (EPC):
 - i) Course EPC 1: Reading and Reflecting on Texts
 - ii) Course EPC 2: Drama and Art in Education
 - iii) Course EPC 3: Understanding of ICT
 - iv) Course EPC 4: Understanding the Self

6. Curriculum and Credit System

The present curriculum of the programme is based on the Outcome Based Education (OBE) and the Choice Based Credit System (CBCS). The Outcome Based Education (OBE) is the system in which the teaching, learning and evaluation process are focused towards the development of skills and ability acquired by the students during the course of their study. The Choice Based Credit System (CBCS) allows the students to earn their credits according to their interests. Professional Elective and Open Elective courses are different categories of courses offered to impart Choice Based Credit System. One credit stands for 1 lecture hour or two tutorial/lab hour. Credits can be obtained only after successful completion of the assessments.

7. MEDIUM OF INSTRUCTION

The Medium of Instruction and Examination shall be in English.

8. ATTENDANCE REQUIREMENT

End Semester Examinations

1	Overall 80% and above	Eligibility to write all examinations.
2	Overall 70% and above but below Overall 80%	Shortage of attendance is to be condoned on medical grounds with proper documents. Condonation fee of Rs. 300/- per course is to be paid by the students. Medical reasons – Granting of permission on production of all the necessary medical documents (like hospitalization, medical problem, treatment, Medical bills etc) and medical certificate from a registered medical practitioner not below the rank of a Civil assistant surgeon.
3	Below Overall 70%	Not eligible to write all the regular courses of that semester and will fall under redo category. The students have to redo the semester during the subsequent year.

There may be a student whose overall attendance is equal to or above 80%/70% (70% in case of medical grounds) and for that student, there may be some course's attendance below 80/70%% (70% in case of medical grounds). In that case, the student can be allowed to write the examinations in the regular stream for the courses in which the student attained the required attendance 80%/70%% (70% in case of medical grounds).

Moreover, for the courses in which the attendance is less than 80%/70%% (70% in case of medical grounds), the student is permitted to write the courses as supplementary in the subsequent semesters after the payment of condonation fee and compensating the lack of attendance.

9. ATTENDANCE REQUIREMENTS FOR CONTINUOUS ASSESSMENTS

- 9.1. A student should attain at least 80% attendance to qualify for taking all written Formative Assessments of theory part and mid semester exam of lab part.
- 9.2. If a student secures less than 80%, she/he will be allowed to take CA-I and CA-II as supplementary exam after gaining 80% attendance and paying fees of Rs. 75 per theory paper for CA-I, CA II and Rs.100 per practical exam for the mid semester laboratory part. In addition, this provision is given to students who have lost their attendance due to (a) medical reasons (with

proper documents) or (b) represented the University activities and (c) other than (a) and (b) with prior permission from Dean (Academics).

- 9.3. If a student could not secure 80% attendance within the supplementary schedule for CA I and CA-II, she/he can continue the course but will not be given supplementary exams.
- 9.4. If a student could not pass the Formative Assessments, she/he should take the exam in the forthcoming semesters with the approval of Department Head, School Dean and Dean (Academics).
- 9.5. Special Exams: Participation on behalf of University in Curriculum / co curricular /extra curricular or related work or any other activity as recommended by the HOD/Authorities. This is applicable for all exams.
- 9.6. 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	О	>=95%
Medium	M	>=85% and <95%
Satisfactory	S	>=80% and <85%

10. STUDENT COUNSELORS

Each faculty member of the department will be attached with certain number of students as student counselor appointed by the respective head of the department to help the students in planning their courses of study and for general advice on the academic programme throughout their period of study. The student counselor also discuss with or inform the parents about the progress / performance of the students concerned and also monitor the academic/general performance of the students including attendance.

11. EXAMINATION AND ASSESSMENT

11. 1. THEORY EXAMINATION

The Semester System will be followed and there will be Eight Semesters in the B.Ed., Programme.

Assessment Template for Theory Papers

A. UG (FT/PT)

I. Theory LTP 3:0:0 and 3:1:0

S.No	Task	Notes	%
	CA1 Class Test (50marks)		
1	10 MCQ=10,	Assessment during 25-	15%
1	5 SA=10,	35 days	1370
	2 LA=30		
	CA2 Class Test (50marks)		
2	10 MCQ=10,	Assessment during 55-	15%
2	5 SA=10,	60 days	1370
	2 LA=30		
3	CA3 Seminar, Assignment	Assessment during 01-	20%
	(20 Marks)	86 days	2070
	END Semester (100 Marks)		
	10 MCQ = 10,		
4	5 SA = 10,	After 86 days	50%
	4 LA = 60,		
	1 EQ = 20		
	Total	100%	

MCA- Multiple Choice Questions

SA- Short Answers

LA – Long Answers

EQ – Essay Question

Choice left to the course teacher

For S.No 3 Rubrics should be given to the students on the first day along with course plan.

S.No 1 to 4 should be mapped to

Method : D = Direct, I = Indirect

Domain : C = Cognitive: A = Affective: P = Psychomotor

Usage type : F = Formative S = Summative

Bloom's Level : Remember (Rem), Understand (Under), Apply (Ap), Analyze (An),

Evaluate (Ev), Create (Cr)

(i) GPA: Grade Point Average

The Grade Point Corresponding to the Grade obtained by the Candidate in each course in a semester is multiplied by the credit prescribed for the respective courses and the sum of all these products is divided by the total number of credits prescribed for each semester i.e.

$$GPA = \frac{\sum_{i} C_{ni} G_{ni}}{\sum_{i} C_{ni}}$$

(ii) CGPA: Cumulative Grade Point Average

$$CGPA = \frac{\sum_{n} \sum_{i} C_{ni} G_{ni}}{\sum_{i} C_{ni}}$$

Where 'n' stands for the semester number, 'I' the course number. 'C' the credits earned in the n^{th} Semester i^{th} course (Subject) and G_{ni} is the corresponding grade point obtained by the candidate.

CGPA considering all the courses enrolled from first semester. 'U' and 'W' grades will be excluded for calculating GPA and CGPA.

Finalization of grades for the examinations and re-examinations also will be made by the Quality Assurance Committee.

12. Revaluation

- 12.1. Candidates who wish to apply for revaluation should first apply for photocopy of her/his answer script in the prescribed format through the Head of the Department and Dean of School to the Controller of Examination by paying Rs. 400/- (Rupees Four Hundred only) per script within 10 days after the result is declared.
- 12.2. After receiving the photocopy, the student can verify the copy for any discrepancy like total mistake and omission in the valuation.
- 12.3. If any discrepancy is noticed the same may be brought to the notice of the Controller of Examinations for remedial action.
- 12.4. The valuation in the photocopy of the answer script can also be verified by the subject expert and if the expert is convinced that the script deserves higher marks than awarded, she/he can recommend for applying revaluation.

12.5. The student can apply for revaluation in the prescribed form by paying Rs.300/-(Rupees Three hundred only) per script towards revaluation fee within 15 days after the result is declared by submitting revaluation form duly signed by Head of the department and Dean of school.

13. SUPPLEMENTARY EXAMINATIONS

- 13.1. The students who have not passed the course have to reappear for the supplementary exams in the subsequent semester. University offers fast track supplementary exams programme in 6th semester where a student can take supplementary exams for the courses of 6th semester in a month's time provided she/he have not any standing arrears.
- 13.2. Students who have not passed formative assessment under OBE scheme has to retake those assessments.
- 13.2.1. All components pertaining to formative assessment, for example CA1, CA2, CA3... etc. will be offered. A student can take all or few assessments. The assessment will take place from week 4 of the semester.

II PRACTICAL EXAMINATION:

Students have continuous assessment during internship training by the course teacher and guide teachers. The records of different components will be evaluated internally and externally in each semester in three sections as mentioned earlier. University will conduct practical examination after the successful completion of 16 weeks of school internship in the second year. Practical examination shall be normally conducted three months prior to the commencement of written examination. A panel consisting of two external members (one Convener, one member) appointed by the University will examine the teaching competency of each candidate as mentioned in Part –A below and also his/ her practical works, records and instructional materials as mentioned in Part –B below.

	PART- A	
Activity No. Assessment of Teaching Competency		
1.	Teaching Competency Level I	50
2.	Teaching Competency Level II	50
	Total	100
	PART- B	
Activity No.	Assessment of Teaching Competency	Marks
1.	Observation Record Level I	5
2.	Demonstration Record Level I	5
3.	Lesson Plan Record Level I (30 lesson Plans)	20
4.	Instructional Materials Record Level I	10
5.	Test and Measurement Record Level I	
6.	Observation Record Level II	
7.	Demonstration Record Level II	
8.	Lesson Plan Record Level II (30 lesson Plans)	
9.	Instructional Materials Record Level II	
10.	Test and Measurement Record Level II	
11.	Teaching Skills (Mini-teaching) Practice Record	
12.	Visit to Innovative schools and Healthy Practices	
13.	Students Portfolios / CCE Record	
14.	Reflective Journal - Diary	
15.	Environmental Education Record	10
	Community based Engagement/ Skill Development	
16.	Record	10
	Total	150
	Grand Total (100 + 150)	250

PRACTICAL COMPONENTS IN THE FIRST YEAR 4-WEEK INTERNSHIP

1.	Lesson Plan Writing and Achievement Test Construction	2 weeks
2.	Teaching Skills Practice (Mini-teaching)	1 week
3.	Visit to Innovative Schools	1 week
		4 weeks

PRACTICAL COMPONENT IN THE SECOND YEAR 16-WEEK INTERNSHIP

1.	Observation of Regular Class Teacher in Regular Classroom	1 week
2.	Intensive Teaching Practice (Teaching 30 lessons, lesson plan preparation, preparation of teaching-learning materials, conducting test & measurement, knowing the self / psychological tests, conduct of school assembly, Organization of PTA meeting, conducting case study).	15 weeks
		16 weeks

14. AWARDING GRADES

1. Grade Versus Marks distribution

Grade	Grade Point	Performance	Actual Marks
Letter			
О	10	Outstanding	A≥91
A+	9	Excellent	81≤A<91
A	8	Very Good	71≤A<81
B+	7	Good	61≤A<71
В	6	Above Average	55≤A<61
C+	5	Average	50≤A<55
С	4	Pass	40≤A<50
U	0	Reappear/Absent	A<40
W	0	Withdrawal	

CGPA to % conversion is multiplication of CGPA by 10.

15. Minimum Requirements of marks for passing a course

Type of Assessment	Passing Marks
Formative	40%
Summative	40%
Total= Formative + Summative	50%

Students who could not pass the course should take them as supplementary course in the subsequent semester.

16. ELIGIBILITY FOR THE DEGREE AND CLASSIFICATION OF CLASSES

16.1. The student is eligible for award of degree in B.Sc. B.Ed. programme if she/he earns total number of credits prescribed by the programme curriculum within permitted duration of the programme.

- 16.2. The degree is classified as *First Class with Distinction* if the student completes the degree in three years in single attempt (maximum number of courses which can be withdrawn is three and withdrawal considered for only one semester of the programme) with CGPA greater than or equal to 8.50. If the student obtains CGPA greater than or equal to 6.50 (should have completed within four years), then the degree is classified as *First Class*. If the student obtains CGPA less than 6.50, then the degree is classified as *Second Class*.
- 16.3. In addition to the above conditions, participation in any one of the NSS/NCC/NSO/YRC during the course of their study is mandatory for award of a degree.
- 16.4. In order to motivate the students towards research, it is mandatory for the award of the degree that each student should publish one research paper/article in conference/journal/Seminar during their study period. This is applicable for the students admitted from the academic year 2017-18 onwards.

17. IDENTIFICATION AND SUPPORT FOR SLOW, MEDIUM AND ADVANCED LEARNERS

17.1. Advanced learners, slow learners and medium learners are identified based on the CGPA.

Category	CGPA
Advanced learners	7.5 and above
Medium learners	Above 6 and below 7.5
Slow learners	Less than 6

- 17.2. The advanced learners of II and III year students are exposed to career based life sciences and soft skills. These skills are taught by the senior teachers of the department/ University and also by having external experts.
- 17.3. Medium learners of III year can also join with the advanced learners during the special programs conducted by the department inviting external experts. On the other days they will be given special coaching on the courses which they are undergoing currently.
- 17.4. Medium learners of II year are given special coaching/tutorials classes for the courses which they are currently undergoing.

17.5. Slow learners are given remedial classes (coaching /tuition) for the courses which they have to reappear from previous semesters and in weak subjects during the current semester.

provision of extra credits for the research papers and patents published/registered by the students: For every research paper published in Science Citation Index Journals one credit may be awarded. Similarly, two credits may be awarded for an IPR through Indian Government Patent Office. In case of other papers or patents, the worthiness will be decided by the Dean (Academics), Dean (Research) and an expert from the field of work. The decision taken by the above team will be final.

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.

UG -Science and Humanities - 1 paper (Journal or Conference)

18. RULES FOR WITHDRAWAL FROM THE PROGRAMME

A student can withdraw from a programme temporarily or permanently due to whatsoever reasons. In that case she/he can rejoin the programme if she/he has temporarily withdrawn from a programme. However the maximum number of years to complete the programme is Six. Only one time this withdrawal is permitted during her/his programme.

19. RULES FOR CHANGING PROGRAMME OF STUDY

A student can change the programme of study with the due permission from Dean of the respected School and Dean (Academics) before completing 15 working days from the commencement of the programme.