ADMISSION PROCEDURE
2019-20

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Periyar Maniammai Institute of Science & Technology (PMIST)

VISION

To be a University of global dynamism with excellence in knowledge and innovation ensuring social responsibility for creating an egalitarian society.

MISSION

- Offering well balanced programmes with scholarly faculty and state-of-art facilities to impart high level of knowledge.
- Providing student - centered education and foster their growth in critical thinking, creativity, entrepreneurship, problem solving and collaborative work.
- Involving progressive and meaningful research with concern for sustainable development.
- Enabling the students to acquire the skills for global competencies.
- Inculcating Universal values, Self respect, Gender equality, Dignity and Ethics.

CORE VALUES

- Student – centric vocation
- Academic excellence
- Social Justice, gender justice, equity, and equality
- Skills and use of technology for global competency
- Continual improvement
- Leadership qualities
- Societal needs towards sustainability
- Learning, a life – long process
- Team work
- Entrepreneurship for all
- Rural development
- Basic, Societal, and applied research on Energy, Environment, and Empowerment

PROGRAMMES OFFERED FOR THE YEAR 2019-2020

Periyar Maniammai Institute of Science and Technology (PMIST) is established to provide state of art academic programmes in line with Institution's motto "THINK, INNOVATE, TRANSFORM"

UNDER GRADUATE & INTEGRATED PROGRAMMES (FULL TIME)

S. No.	Programme	Duration
1.	B. Arch.	5 Years
2.	B.Tech.-Aerospace Engineering	4 Years
3.	B.Tech.-Biotechnology	4 Years
4.	B.Tech.-Civil Engineering	4 Years
5.	B.Tech.-Computer Science and Engineering	4 Years
6.	B.Tech.-Electrical and Electronics Engineering	4 Years
7.	B.Tech.-Electronics and Communication Engineering	4 Years
8.	B.Tech.-Mechanical Engineering	4 Years
9.	B.C.A.	3 Years
10.	B.Com. (Honors)	3 Years
11.	B.Com.	3 Years
12.	B.Sc.- Animation & Multimedia	3 Years
13.	B.B.A.	3 Years
14.	B.Sc.- Mathematics	3 Years
15.	B.Sc.- Physics	3 Years
16.	B.Sc.- Chemistry	3 Years
17.	B.Sc.- Computer Science	3 Years
18.	B.A.- English	3 Years
19.	B.Sc. B.Ed. (4 Year Integrated) Stream I: Mathematics, Physics & Chemistry Stream II: Mathematics, Physics & Computer Science	4 Years
20.	M.Sc.-Software Engineering (5 Year Integrated)	5 Years

POST GRADUATE PROGRAMMES (FULL TIME)

S. No.	Programme	Duration
1.	M.Arch.	2 Years
2.	M.Tech.-Environmental Engineering	2 Years
3.	M.Tech.-Nano Technology	2 Years
4.	M.Tech.-Renewable Energy	2 Years
5.	M.Tech.-Wireless Communication Systems	2 Years
6.	M.B.A. (Dual Specialization) Finance Human Resource Marketing Operations Systems Entrepreneurship MSME	2 Years
7.	M.S.W.- Social Work	2 Years
8.	M.Sc.-Chemistry	2 Years
9.	M.Sc.-Mathematics	2 Years
10.	M.Sc.-Physics	2 Years
11.	M.A.-English	2 Years
12.	M.C.A.	3 Years
13.	M.Com.	2 Years

UNDER GRADUATE PROGRAMMES (PART TIME)

S. No.	Programme	Duration
1.	B.Tech.-Civil Engineering	3 ½ Years
2.	B.Tech .- Electrical and Electronics Engineering	3 ½ Years
3.	B.Tech.-Mechanical Engineering	3 ½ Years

POST GRADUATE PROGRAMMES (PART TIME)

S. No.	Programme	Duration
1.	M.Tech.-Environmental Engineering	3 Years
2.	M.Tech.-Nano Technology	3 Years
3.	M.Tech.-Power Electronics & Drives	3 Years
4.	M.Tech.-Renewable Energy	3 Years
5.	M.Tech.-Wireless Communication Systems	3 Years

M. Phil. PROGRAMMES (FULL TIME)

S. No.	Programme
Humanities, Sciences and Management	
1.	Chemistry
2.	Commerce
3	Computer Science
4.	English
5.	Management Studies
6.	Mathematics
7.	Physics
8.	Social Work

Ph. D. PROGRAMMES (FULL TIME & PART TIME)

S. No.	Programme
Engineering	
1.	Architecture
2.	Civil Engineering
3.	Electrical & Electronics Engineering
4.	Electronics & Communication Engineering
5.	Mechanical Engineering
6.	Nanotechnology
Humanities, Sciences and Management	
1.	Chemistry
2.	Commerce
3.	Computer Science and Applications
4.	English
5.	Management Studies
6.	Mathematics
7.	Periyar Thought
8.	Physics
9.	Social Work

ADMISSION PROCEDURE FOR THE YEAR 2019-2020

Indian students: Admissions to programmes such as Architecture & Engineering are done through a process which has an entrance test followed by counseling, which eventually leads to the admission of a student. Admissions for other programmes are done on the basis of marks obtained in qualifying examination.

International students: Foreign Nationals, Non Resident Indians or Indian Nationals supported by NRI relatives can apply under Foreign/NRI category. Admissions are done on the basis of marks obtained in the qualifying examination.

UNDER GRADUATE PROGRAMMES

B. ARCH.

Admission to B. Arch. (Regular) programme shall be done under two criteria

- **Criteria I:** Admission to B.Arch. programmes is based on the merit list prepared with weightage of 50% marks for aptitude tests (NATA / any other Aptitude test conducted by competent authority of State or Central Government) and 50% marks in the qualifying examination (+2 or 10+3 Diploma)
- **Criteria II:** For NRI/PIO/Foreign Nationals category, 5% of the sanctioned intake is allotted

Note: Any unfilled NRI seat will be treated as lapsed seat and will be filled by Periyar Maniammai Institute of Science & Technology (PMIST) as per the norms given in Criteria I.

B.TECH. (Regular)

Admission to B. Tech. (Regular) programmes shall be done under four criteria

- **Criteria I:** 50% of the allotted seats will be filled with a merit list prepared with weightage of 50% marks obtained in the entrance examination and 50% marks in the qualifying examination (+2 or equivalent). Entrance examination scores are taken as per the following:
    - Uni-GAUGE-E 2019 (Online Entrance Examination Uni-GAUGE-E 2019 conducted by M/s ERA Foundation on behalf of Consortium of Deemed to be Universities) OR
    - Any National Entrance Examination conducted by competent authority

- **Criteria II:** 45% of the seats are filled with the merit list prepared based on the normalised cut off marks obtained in the qualifying examination
- **Criteria III:** 5% of seats are filled through NRI category
  (Any unfilled seat in category I and III will be treated as lapsed seats and will be filled by Periyar Maniammai Institute of Science & Technology (PMIST) through Criteria II)
- **Criteria IV:** 15% Supernumerary Seats *(Over and above the approved intake)* is allotted for Foreign Nationals/ Overseas Citizen of India (OCI)/Persons of Indian Origin (PIO)/ Children of Indian Workers in Gulf Countries

OTHER UNDER GRADUATE / POST GRADUATE PROGRAMMES

- For all other UG/PG programmes, seats are filled with the merit list prepared based on marks obtained in the qualifying examination.

M. Phil. PROGRAMMES

- Candidates recommended by the Department Scrutinizing Committee will be called through respective HODs to appear for an entrance test
- The candidates need to appear for a personal interview before the Departmental Research Committee comprising HOD and all eligible supervisors
- The selection of the candidates is subject to the final approval of *Periyar Maniammai Institute of Science & Technology (PMIST)* Selection Committee
- Policy for Overseas /NRI students
  - The equivalence certificate for the qualifying examinations from the competent authority should be produced by the candidate
  - Candidates should have studied in English medium (at PG level)
  - Should satisfy other legal conditions stipulated by the UGC/MHRD, Government of India.

- The number of available seats in all the specializations under different disciplines will be determined well in advance and the same will be notified in the Periyar Maniammai Institute of Science & Technology (PMIST) website

- The candidates desirous of pursuing Ph.D. degree should submit the application in the prescribed format through proper channel wherever applicable, before the last date to the Director (Admissions). The application format and the necessary details are available in the PMIST website

- The received applications will be sent to the respective Faculty Deans for conducting written / oral examinations and to submit the list of eligible candidates to Director (Admissions) as well as to Dean (Research).

- The Dean (Research) will seek the approval of the Vice-Chancellor for provisional registration of the selected candidates

- Dean (Research) will send the selection orders to the eligible candidates through Registered post by marking copies to the Department Representatives (DRs).

- The selected candidates should submit all his/her original certificates along with the course fees on or before the last date

- The Department Research Coordinator (DRC) and HOD will allocate the Supervisor

- The Research Supervisor will arrange the First Doctoral Committee (DC) meeting within 30 days from the date of registration

RESERVATION:

Reservation policy will be followed as per the norms of Ministry of Human Resources Development (MHRD), Govt. of India.

OTHER STATE CANDIDATES:

Other state students should furnish the Nativity Certificate and Migration certificate issued by the competent authority.

ELIGIBILITY CRITERIA FOR ADMISSION

UNDER GRADUATE PROGRAMMES

B. ARCH.

- Candidate should have passed an examination at the end of the 10+2 scheme of examination with 50% marks in Physics, Chemistry and Mathematics and also 50% marks in aggregate of the 10+2 level examination

OR

- Diploma Examination (10+3) with Mathematics as compulsory subject, with at least 50% marks in aggregate.

- In addition to the above, the candidate needs to qualify an Aptitude Test in Architecture conducted by the Council or by the competent authority**.**

B. TECH.

- Candidate should have passed 10+2 examination (or equivalent) with Physics and Mathematics as compulsory subjects along with one of the Chemistry/ Biotechnology/ Biology/Technical Vocational subject.

- Candidate should have secured at least 45% marks in the above mentioned subjects taken together (40% marks in case of candidates belonging to reserved category).

B.TECH (LATERAL ENTRY)

- Candidate should have passed Diploma examination with at least 45% marks in appropriate branch of Engineering and Technology (40% in case of candidates belonging to reserved category)

OR

- Candidate should have passed B.Sc. Degree from a recognized University as defined by UGC, with at least 45% marks (40% in case of candidates belonging to reserved category) and passed 10+2 examination with Mathematics as a subject. Also, the students belonging to B.Sc. Stream should clear the courses Engineering Graphics/ Engineering Drawing and Engineering Mechanics of the First Year Engineering Programme along with the Second year courses.

Note: Students belonging to B.Sc. Stream will be considered only after filling the supernumerary seats in this category with students belonging to the Diploma stream.

List of Diploma programmes eligible for the Degree programmes

S. No.	B. Tech. Programme	Qualifying Diploma Programme for Lateral Entry
1.	Aerospace Engineering	Aeronautical Engineering Mechanical Engineering Mechanical and Rural Engineering Mechanical Design & Drafting Production Engineering Automobile Engineering Metallurgy Mechatronics Engineering Machine tool Maintenance and repairs Tool and Die Making Tool Engineering Foundry Technology Refrigeration & Air Conditioning Agriculture Engineering Marine Engineering Fisheries Technology & Navigation Mechanical Engineering (Production) Mechanical Engineering (Sandwich) Foundry Technology (Sandwich) Machine tool Maintenance and repairs (Sandwich) Tool and Die Marking (Sandwich) Production Technology Tool Design Mechanical Engineering (Tool & Die) Automobile Technology Mechanical Engineering (Foundry) Agricultural Technology Mechanical Engineering(R &A.C) Fisheries Technology Electronics (Robotics)
2.	Civil Engineering	Civil Engineering Civil and Rural Engineering Civil Engineering (Architecture) Architectural Assistantship Civil Engineering (Sandwich) Architecture (Sandwich)
3.	Computer Science and Engineering	Computer Technology Information Technology Computer Science & Engineering
4.	Electronics & Communication Engineering	Electrical Engineering Electronics & Communication Engineering Electronics & Instrumentation Engineering Electronics Engineering (Instrumentation)

5.	Electrical and Electronics Engineering	Instrumentation & Control Engineering Electrical Engineering (Instruments & Control) Electrical Engineering (Sandwich) Information Technology
6.	Mechanical Engineering	Tool Design Foundry Engineering Refrigeration & Air Conditioning Agriculture Engineering Marine Engineering Fisheries Technology & Navigation Mechanical Engineering (Production) Mechanical Engineering (Sandwich) Foundry Engineering (Sandwich) Machine Tool Maintenance and Repairs (Sandwich) Tool and Engineering (Sandwich) Pulp and Paper Technology Textile Technology Garment Technology

B.Sc. B.Ed. (4 Years Integrated)

- Candidates should have passed 10+2 / equivalent examination with 50% aggregate in subjects - Mathematics, Physics, Chemistry along with Biology / Computer Science / any other subjects

  (Reservation and Relaxation as per State/ Central Government Norms)

B.A. (English)/ BBA

- Candidates should have passed 10+2 or equivalent examinations

BCA

- A pass in 10+2/ HSC (with Mathematics / Business Mathematics / Computer Science / Commerce with Computer Science as one of the Subjects)

B.Com. (Hons)

- A pass in 10+2/ HSC (with Mathematics/ Business Mathematics/ Accountancy as one of the Subjects)

B.Sc. (Animation & Multimedia)/B.Com.

- A pass in 10+2/ HSC or Pass in three years technical diploma examination

B.Sc. (Chemistry)/ B.Sc. (Physics)

- A pass in 10+2/ HSC with Physics, Chemistry & Mathematics / Biology (Natural / Pure Science) or Pass in three years technical diploma examination

B.Sc. (Mathematics)

- A pass in 10+2/ HSC with Physics, Chemistry & Mathematics or Pass in three years technical diploma examination

B.Sc. (Computer Science)

- A pass in 10+2/ HSC with Physics, Chemistry & Mathematics or Pass in three years technical diploma examination

UNDER GRADUATE – (5 YEARS) INTEGRATED PROGRAMMES

M.Sc. (Software Engineering)

- Candidates should have passed 10+2 examination or equivalent examinations

POST GRADUATE – PROGRAMMES (Regular)

M. Arch. – Master of Architecture

- Candidate should have passed Bachelor of Architecture and must have obtained at least 50% marks (45% in case of candidates belonging to reserved category) in the qualifying Examination

M. Tech. – Environmental Engineering

- Candidate should have passed Bachelor's Degree in B.E./B.Tech. (Civil/ Chemical/ Geo-Informatics/ Bio-Tech/ Mechanical/ EEE)

- Candidate must have obtained at least 50% marks (45% in case of candidates belonging to reserved category) in the qualifying Examination

M. Tech. – Nanotechnology

- Candidate should have passed Bachelor's Degree in B.E./B.Tech. (Electronics, Electrical and Electronics, Mechanical, Biotechnology, Chemical or M.Sc. with Physics, Mathematics, Chemistry, Biochemistry or equivalent).

- Candidate must have obtained at least 50% marks (45% in case of candidates belonging to reserved category) in the qualifying Examination.

M.Tech. – Renewable Energy

- Candidate should have passed Bachelor's Degree in B.E / B.Tech. (Mechanical /Chemical / Bio-tech / Electro Chemical / Electrical) or equivalent.
- Candidate must have obtained at least 50% marks (45% in case of candidates belonging to reserved category) in the qualifying Examination.

M.Tech. – Wireless Communication Systems

- Candidate should have passed Bachelor's Degree in B.E / B.Tech. (ECE / Tele-Communication / IT/ EEE) or equivalent.
- Candidate must have obtained at least 50% marks (45% in case of candidates belonging to reserved category) in the qualifying Examination.

M.A. – English

- A Degree in B.A. English or any Bachelor Degree or equivalent

MBA –Dual Specialization

- Candidate should have passed Bachelor's Degree of minimum 3 years duration.
- Candidate must have obtained at least 50% marks (45% in case of candidates belonging to reserved category) in the qualifying Examination.

MCA

- For Regular admission
    - Candidate should have passed any Bachelor's Degree of minimum 3 years duration with Mathematics at 10+2 level or at Graduate Level.
    - Candidate should have obtained at least 50% marks (45% in case of candidates belonging to reserved category) in the qualifying Examination.
- For Lateral Entry admission
    - Passed Bachelor's Degree of minimum 3 years duration in BCA, B.Sc. (IT/ Computer Science) with Mathematics as a Course at 10+2 level or at Graduation Level.
    - Obtained at least 50% marks (45% in case of candidates belonging to reservation category)

M.Sc. – Chemistry

- A Degree in B.Sc. Chemistry or any other relevant degree

M.Sc. – Physics

- A Degree in B.Sc. Physics /Applied Physics or any other relevant degree

M.Sc. – Mathematics

- A Degree in B.Sc. Mathematics / Applied Mathematics or any other relevant degree

MSW – Master of Social work

- Any Bachelor Degree or equivalent

M. Phil. PROGRAMMES

- Minimum academic qualifications required for admission is that the candidate should possess a PG Degree / PG Diploma of two years duration recognized by the respective statutory bodies for pursuing research.
- For the candidates seeking admission with Post Graduate Qualification, minimum of 55% aggregate marks or equivalent CGPA of 6.5/10 in UG and PG for admission under OC category, and 50% aggregate marks or equivalent CGPA of 5.5 is the eligibility requirement for OBC/SC/ST candidates.
- Preference will be given to the candidates who have published at least one research article in a Journal / Conference.

Ph.D. PROGRAMMES

- Minimum academic qualifications required for admission is that the candidate should possess a PG Degree / PG Diploma of two years duration recognized by the respective statutory bodies for pursuing research.
- For the candidates seeking admission with Post Graduate Qualification, minimum of 55% aggregate marks or equivalent CGPA of 6.5/10 in UG and PG for admission under OC category and 50% aggregate marks or equivalent CGPA of 5.5 is the eligibility requirement for OBC/SC/ST candidates.
- Preference will be given to the candidates who have published at least one research article in a Journal / Conference.

- A pass in the respective Diploma in Engineering / Technology

- Work place should be within a radial distance of 90 km from the Institution.

- Minimum of two years full time work experience in a registered Firm/ Company/ Industry/ Educational / Government / Autonomous Organization in the relevant field in which admission is sought

S. No.	B. Tech. (PT) Programme	Qualifying Diploma Programme
1.	Civil Engineering	Civil Engineering Civil and Rural Engineering Civil Engineering (Architecture) Architectural Assistantship Civil Engineering (Sandwich) Architecture (Sandwich)
2.	Electrical and Electronics Engineering	Electrical Engineering Electronics & Communication Engg. Electronics & Instrumentation Engg. Electronics Engineering (Instrumentation) Computer Science & Engineering Instrumentation & Control Engineering Electrical Engineering (Instruments & Control) Electrical Engineering (Sandwich) Computer Technology Instrument Technology
3.	Mechanical Engineering	Plastic Engineering Petroleum Engineering Mechanical Engineering Chemical Technology Petrochemical Technology Pulp and Paper Technology Polymer Technology Sugar Technology Ceramic Technology Plastic Technology Plastic Engineering (Sandwich) Polymer Technology (Sandwich) Chemical Technology (Sandwich) Textile Technology Garment Technology Agricultural Engineering Automobile Engineering Aeronautical Engineering Production Engineering

PG Programmes- 3 Years (Part- Time)

- Candidates should have passed the qualifying relevant UG degree given in the table.

- Candidates should possess minimum of two years Full Time work experience in a registered firm/ Company/ Industry/ Educational and/ Government, Autonomous Organizations in the relevant field in which admission is sought.

S.No.	M. Tech. Programme	Qualifying Degree Programme
1.	Environmental Engineering	Passed Degree in B.E. / B.Tech. (Civil Engg. /Chemical Engg. / Bio – Tech.)
2.	Power Electronics and Drives	Passed Degree in B.E / B.Tech. (EEE / ECE / E&I / I & C)
3.	Renewable Energy	Passed Degree in B.E / B.Tech. (Mech/ Chemical / Bio-Tech /Electro Chemical/ EEE)
4.	Wireless Communication Systems	Passed Degree in B.E / B.Tech. (ECE / Tele-Communication / IT/EEE) or equivalent
5.	Nanotechnology	Passed Degree in B.E/B.Tech. (EEE, Mechanical, Biotechnology, Chemical or M.Sc. with Physics, Mathematics, Chemistry, Biochemistry or equivalent).

Documents / Certificates to be Submitted at the Time of Admission

Candidates are expected to produce the following documents in original at the time of counseling.

For Under Graduate Programmes

1. SSLC Mark Sheet
2. HSC Mark Sheet
3. Community Certificate
4. Aadhaar Card
5. Transfer Certificate
6. Diploma Mark Sheet & Diploma Certificate for Lateral Entry Admission
7. NATA Score Card for B.Arch. Admission
8. Medical fitness certificate and Blood group certificate
9. Sports, NCC and other Co-curricular & Extra-curricular Certificates if any
10. Citizenship (Family card issued by Government)
11. Nativity and Migration Certificate for other State Candidates
12. Passport Size Photos – 5 Nos.

For Post Graduate Programmes

1. SSLC Mark Sheet
2. HSC Mark Sheet
3. Degree Mark sheet
4. Degree Certificate / Provisional Certificate
5. Transfer Certificate
6. Community Certificate
7. Aadhaar Card
8. Medical fitness certificate and Blood group certificate
9. Sports, NCC and other Co-curricular & Extra-curricular Certificates if any
10. Citizenship (Family card issued by Government)
11. Nativity and Migration Certificate for other State Candidates
12. Passport Size Photos – 5 Nos.

ELIGIBLE VOCATIONAL PROGRAMMES FOR ENGINEERING ADMISSION

A pass in any one of the following HSC (Vocational Stream) with any ONE of the related subjects namely Mathematics, Physics or Chemistry with a minimum average percentage in the relevant subjects.

Note: Minimum average mark in relevant subject, Vocational Theory and Practical's put together.

Vocational programmes prescribed for B. Tech. Degree Admission

1. Farm Machines and Post Harvest Technology
2. Building Maintenance
3. Domestic Electronic Equipment
4. Textile Technology
5. Auto-Mechanic
6. Business Machines and Computer Programming
7. Draughtsman (Civil)
8. Electrical Domestic Appliance, Repairs and Maintenance
9. Electrical Motor Rewinding
10. General Machinist
11. Maintenance & Servicing of Textile Machinery
12. Repair and Maintenance of Refrigeration and Air conditioning Equipment
13. Welding
14. Fitting
15. Letter Press Printing
16. Printing Technology
17. Composing and Printing Technology
18. Radio and Television Maintenance and Repair