Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**PERIYAR MANIAMMAI INSTITUTE OF SCIENCE AND TECHNOLOGY**
Name of the head of the Institution	**Dr S. Velusami**
Designation	**Vice Chancellor**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04362264800**
Mobile no.	**9944443684**
Registered Email	**iqac@pmu.edu**
Alternate Email	**vc@pmu.edu**
Address	**Periyar Nagar, Vallam**
City/Town	**Thanjavur**
State/UT	**Tamil Nadu**
Pincode	**613403**

2. Institutional Status

University	**Deemed**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr P K Srividhya**
Phone no/Alternate Phone no.	**04362264600**
Mobile no.	**9944495667**
Registered Email	**iqac@pmu.edu**
Alternate Email	**deanacademic@pmu.edu**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.pmu.edu/iqac/AQAR2017-2018.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.pmu.edu/about/pdf/Academic_Calendar.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.49**	**2009**	**29-Jan-2009**	**29-Jan-2014**
2	**B**	**2.66**	**2015**	**16-Nov-2015**	**15-Nov-2020**

6. Date of Establishment of IQAC	**10-Apr-2009**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Workshop on Financial Literacy for Non-Teaching Staff	24-Sep-2018 3	24
One Day Workshop on Curricular Aspects	07-Mar-2019 1	39
Two Day Seminar on Technology enabled Teaching Learning Strategies Towards Quality Enhancement in Higher Education	11-Apr-2019 2	47
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr Anbarasu Kumar, Dept. of Biotechnology	Major	Department of Science and Technology (DST)	2016 1095	1890000
Dr K Selvakumar, Dept. of Political Science	Major	Indian Council of Social Science Research	2017 730	800000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Conducted Annual Academic and Administrative Audit with internal experts from 10.06.2019 to 12.06.2019 and external experts from industry and academia from 24.06.2019 to 29.06.2019.

Collection, analysis and action taken of feedback on curricular aspects from the stakeholders were carried out.

Facilitated all the departments to organize Faculty Development Programmes.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Organizing Workshops and Seminars in Curricular Aspects and Teaching Learning Process	Organized Three day Workshop on Financial Literacy for NonTeaching Staff on 24.09.2018 to 26.09.2018. 24 staff members attended the programme and benefited Organized One Day Workshop On "Curricular Aspects". 39 faculty members were benefited Organized Two Day National Seminar on "Technology enabled Teaching Learning Strategies towards Quality Enhancement in Higher Education". 47 faculty members were benefited. Organized Two Day National Seminar on "Technology enabled Teaching Learning Strategies towards Quality Enhancement in Higher Education". 47 faculty members were benefited.
Increasing the number of Value Added Courses	The number of value added courses offered during 2018-19 was increased to 18 nos; 1394 students enrolled and successfully completed the course.
Innovation Ecosystem to be built in the Institution	PMIST was awarded two stars for the substantial activities of Institution Innovation Council (IIC)
Feedback about Quality of Teacher, Infrastructure and Curricular Aspects to be collected and analysed	Feedback on quality of teacher, Institution and Curricular aspects were collected twice in the year. Appropriate action was taken based on the analysis of the feedback.
Activities of Green Audit to be regulated	Green Audit is conducted periodically. Solid waste, Water and Waste Water Samples are collected every month and tested for standard limits.
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Board of Management	19-Sep-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No

16. Whether institutional data submitted to AISHE:	Yes

Year of Submission	2019

Date of Submission	07-Feb-2019

17. Does the Institution have Management Information System ?	Yes

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	PMIST is using its indigenously developed ERP known as BRAIN (Brilliant Resources for Academic Institution) designed and developed by egovernance team of Periyar Maniammai Institute of Science and Technology (Deemed to be University). PMIST obtained copyrights for this ERP package in the year 2017. BRAIN contains the following modules: 1. Admission Management System 2. Student Information System 3. Academic Management System 4. Financial Accounting System 5. Human Resource Management 6. Hostel Management System 7. Inventory Management System 8. Library Management System 9. Transport Management System 10. Visitor Management System 11. Examination System All the activities of the institution are maintained in this BRAIN (Brilliant Resources for Academic Institution) ERP package. PMIST also has Dashboard facility for the institute authorities to view important reports. The package has several important features like automated SMS generation, progress report generation etc., which facilitate in intimating the student's performance to their parents.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	603	Electrical and Electronics Engineering (PT)	09/06/2018
Mtech	676	Renewable Energy (PT)	09/06/2018
MCA	451	Master of Computer Applications	09/06/2018
BCA	152	Bachelor of Computer Applications	09/06/2018
MSc	351	Software Engineering	09/06/2018
BSc	157	Animation and Multimedia	09/06/2018
MBA	403	Master of Business Administration	09/06/2018
BBA	162	Bachelor of Business Administration	09/06/2018
PhD or DPhil	865	Management Studies (PT)	09/06/2018
BCom	151	Commerce (Hons)	09/06/2018
BCom	153	Commerce	09/06/2018
Mtech	654	Power Electronics and Drives (PT)	09/06/2018
PhD or DPhil	857	Electrical and Electronics Engineering	09/06/2018
BTech	015	Mechanical Engineering	09/06/2018
BTech	604	Mechanical Engineering(PT)	09/06/2018
Mtech	301	Renewable Energy	09/06/2018
PhD or DPhil	851	Architecture (PT)	09/06/2018
BTech	016	Aerospace	09/06/2018
BTech	101	Biotechnology	09/06/2018
BTech	011	Civil Engineering	09/06/2018
BTech	601	Civil Engineering (PT)	09/06/2018
Mtech	254	Environmental	09/06/2018

		Engineering	
Mtech	678	Environmental Engineering (PT)	09/06/2018
PhD or DPhil	853	Civil Engineering	09/06/2018
BTech	012	Computer Science and Engineering	09/06/2018
BTech	013	Electronics and Communication Engineering	09/06/2018
Mtech	303	Wireless Communication System	09/06/2018
Mtech	655	Wireless Communication System (PT)	09/06/2018
BTech	014	Electrical and Electronics Engineering	09/06/2018

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
No Data Entered/Not Applicable !!!				

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BDes	Interior Design	25/07/2018
BA	English	09/07/2018
MSc	Chemistry	25/07/2018

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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BDes	Interior Design	25/07/2018
BA	English	09/07/2018
MSc	Chemistry	25/07/2018

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
AutoCAD	07/03/2019	60
Revit	12/07/2019	40

Tally with GST	18/02/2019	27
Photoshop	08/04/2019	40
GRC Soft skills programme	16/08/2018	771
Android Application Development	20/12/2018	14
Certified Enterprise Network Administrator	20/12/2018	19
PHP and MY SQL	20/12/2018	52
Programming in Python SE	20/09/2018	13
Master Diploma in Professional Aero CAD CATIA	26/12/2018	11
Optical Communication and Networking (Physics)	25/06/2018	13
Optical Communication and Networking (CSEEEE) EEE	16/08/2018	70
Optical Communication and Networking ECE	19/12/2018	28
Herbal Therapy products manufacturing	19/12/2018	40
Automation training in Hydraulics and Pneumatics	19/12/2018	30
Social Media Marketing	19/12/2018	18
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
B.Sc.B.Ed	Education	88
BTech	Civil Engineering	117
BTech	Computer Science and Engineering	168
BTech	Electronics and Communication Engineering	89
Mtech	Nanotechnology Integragted	37
BTech	Electrical and Electronics Engineering	30
MSW	Social Work	10
BSc	Chemistry	5
BArch	Architecture	355
BTech	Aerospace	48
BTech	Biotechnology	58

BTech	Mechanical Engineering	219
MCA	Computer Application	55
BCA	Computer Application	132
MSc	Software Engineering Integrated	55
BSc	Animation and Multimedia	21
MBA	Business Administration	19
BBA	Business Administration	17
BCom	Commerce (Hons)	72
BCom	Commerce	31
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Improvements at PMIST for enriching the quality of education and the industry friendly curricula are not only Suo motu but prudently also based on the outcome of the analysis of various feedbacks from the stakeholders and the suggestions put forth in different committees. The feedbacks from the students, teacher, parents, employers, alumini, and subject experts are gathered on multiple parameters, analysed and appropriate suggestions are proposed for implementation. They are collected through judiciously prepared forms as well as at Departmental Advisory Committee and Board of Studies. The forms are subjected to review as per the requirement. The feedback assessment is on the 0-5 scale, in which the score of 4 and less indicates that there is an ample scope for improvement. The critical parameter for feedback assessment are: 1. Sequence and Distribution of Courses 2. Benchmarking of the Syllabus 3. Provisions for Skill Development 4. Consideration for local. national and international needs 5. Including latest and Contemporary topics 6. Provision for Life-Long Learning Nearly seven hundred feedbacks from students, hundred feedbacks from teachers, four hundred feedbacks from alumni, sixty feedbacks from employers and two hundred feedbacks from parents have been collected. The action taken report for all the programmes clearly indicates the importance of feedback in improving the curriculum and syllabus. The feedback by students mostly concentrated on inclusion of courses which cover the latest trends. The students of science stream were interested in relating their syllabus with that of national level tests. The needs were well taken by the department and implemented in the successive revisions. Courses which are of emerging trends are offered immediately as a value added course. Alumni feedback suggested in including specific courses for some programmes. Those programmes are added during the syllabus revision. Analysis and action taken on the feedbacks resulted in the implementation of the following improvements at PMIST: • Value

Added Programmes had reached to 18 that introduce latest trends and enhance the chances of placement. • The students were exposed to plenty of Field Projects (330 students were involved), Inplant Training/Internship (1113 students have undergone) and Industrial Visits (666 students participated). • Faculties were subjected to FDP and Seminars that enriches their knowledge and skill. • New books were added to library based on the feedback on text and reference books. • Journals and data bases already available in the library were extended to compliment the research component of the curricula • Students were involved in the Innovation activities including taking part in the National and Institutional Innovation Centres/Cells. The implemented feedbacks were highly appreciated by the students in general and by the concerned stakeholders in particular.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BArch	Architecture	80	124	65
BTech	Aerospace Engineering	60	23	13
BTech	Biotechnology	60	63	35
BTech	Civil Engineering	60	37	17
BTech	Computer Science and Engineering	60	68	37
BTech	Electrical and Electronics Engineering	60	22	11
BTech	Electronics and Communication Engineering	60	33	12
BTech	Mechanical Engineering	60	59	33
BTech	Aerospace Engineering (Lateral Entry)	12	6	2
BTech	Civil Engineering (Lateral Entry)	12	25	17
BTech	Computer Science and Engineering (Lateral Entry)	12	9	5
BTech	Electrical and Electronics Engineering (Lateral Entry)	12	10	6
BTech	Electronics	12	5	1

	and Communication Engineering (Lateral Entry)			
BCA	Computer Application	240	291	185
BCom	Commerce(Honours)	60	56	50
BCom	Commerce (Honours)(Lateral Entry)	4	5	3
BCom	Commerce	120	137	87
BCom	Commerce(Lateral Entry)	2	3	2
BSc	Animation & Multimedia	30	32	20
BBA	Business Administration	60	71	42
BSc	Mathematics	30	31	25
BSc	Physics	30	41	12
BSc	Chemistry	30	20	12
BA	English	30	21	13
B.Sc.B.Ed	Education(4 Year Integrated)	50	54	30
BDes	Interior Design	40	10	5
MArch	Architecture	20	10	6
Mtech	Environmental engineering	20	4	2
Mtech	Nano technology	20	6	Nill
Mtech	Renewable Energy	20	2	Nill
Mtech	Wireless Communication Systems	20	2	Nill
MBA	Business Administration	60	64	47
MCA	Computer Applications	60	61	37
MSc	Software Engineering	40	31	19
MSW	Social Work	20	5	2
MSc	Chemistry	20	5	3
MSc	Mathematics	20	12	7
MSc	Physics	20	7	3

MA	English	20	3	Nill
BTech	Civil Engineering (Part Time)	60	3	Nill
BTech	Electrical and Electronics Engineering (Part Time)	60	17	10
BTech	Mechanical Engineering (Part Time)	60	5	Nill
Mtech	Environmental Engineering (Part Time)	20	4	3
Mtech	Nano Technology (Part Time)	20	2	Nill
Mtech	Power Electronics & Drives (Part Time)	20	2	Nill
Mtech	Renewable Energy (Part Time)	20	3	Nill
Mtech	Wireless Communication Systems (Part Time)	20	2	Nill
BTech	Mechanical Engineering (Lateral Entry)	12	25	19
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	2561	327	75	27	71

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
173	173	601	104	6	16

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

PMIST has got a robust Mentoring system right from its inception as Periyar Maniammai College of Technology for Women in 1984, much before it became a Deemed University. It is a multi-layered and multi-directional approach, yet not a cascading one. Nominated Mentors, Class-in-charges, and appointed Professional counselors provide effective and timely counseling. For that matter, every faculty, as de-facto mentors addresses the problems of the students whenever they approach them. All the UG and PG students are assigned with a mentor for their entire stay at PMIST. A mentor may have maximum of 20 students, the limit is decided by the faculty availability in the department. When the faculty strength is less in a department, faculty members of humanities and sciences are allotted for mentoring the first year students. Head of the Department allot the mentor for the students when she/he joins the institutions. Weekly once mentor meets the students. Timetable includes specific mentoring hour for the departments' mentor- students meeting. Details of students are recorded in hard copy. Role of the Mentor 1. Call a meeting of all students at the beginning of the semester and record their details. 2. Maintain a record of the students' progress, identify issues if any with respect to the academic or personal issues and solve the issues identified. 3. The mentor shall identify the need for professional help and bring them to the attention of the professional counselor. Responsibilities of the students 1. To attend the meetings regularly. 2. To give accurate and complete information at the time of joining the mentor-students programme. 3. To provide details to the mentor whenever asked for. 4. To repose confidence in the mentor and ask for help and advice as needed. Class-in-Charges A faculty is designated as a Class-in-charge for every class of all the programmes who acts as a mentor as well. He/She is in constant touch with his/her class students and their parents. This continuous monitoring minimizes/eliminates any unpleasant events since timely counseling and corrective/preventive measures are contemplated in time. Professional Counselor If a student needs persistent and sustained expert counseling then the Professional Counselor appointed by/at PMIST provides appropriate and effective psychological and other form of counseling. The students might directly on their own or through and with the mentors/ class-in-charges can approach the professional counselor for the help. Even friends and parents can approach the professional counselor for the benefit of the student in need.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2848	173	1:17

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
264	173	91	11	50

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	R. K. Muthuraman	Assistant Professor	Indian Faculty Leader award given by Institute of Aeronautics Astronautics and Aviation
2019	Dr K.Selvakumar	Assistant Professor	Chinna Kuthusi Best Article(Politics) Cash Award

			Rs.10,000/
2019	Dr. AR. Umayal Sundari	Associate Professor	Distinguished Alumni Award from Sri Sarada College for Women, Salem
2018	Dr. K. Kesavan	Assistant Professor	Gnanaguru Award from Midtown Rotary Club
2019	Mr. G. Thamilvanan	Assistant Professor	Best Faculty Award from Indian Academic Researchers Association
2019	Dr. K. Mohanasundaram	Professor	Best Faculty Award from Indian Academic Researchers Association
2018	Mr. K. Sethurajan	Assistant Professor	Gnanaguru Award from Midtown Rotary Club
2018	Mr. G. Thamilvanan	Assistant Professor	Excellence in Teaching in Higher Education from DK International Research Foundation
2018	Ar.K.Manonmani	Associate Professor	Thanjavur Smart city Expert Committee Member
2019	Dr.C.V.Subramanian	Associate Professor	CoA Nominee at St.Peters College of Engineering and Technology, Chennai
2019	Dr. M. Sharmila Begum	Associate Professor	Resource Person, Week long UGC sponsored workshop on ICT enabled Research and TeachingLearning Processes. MOOCs and econtent Development on 22nd March 2019 at Tamil university, Thanjavur, Tamilnadu, India
2018	Dr.N.Jayanthi	Assistant Professor	Members in Board of Studies in CommerceDr.SNS Rajalakshmi College of Arts Science Autonomous College, Coimbatore.

| 2019 | Dr.A.E.Narayanan | Associate Professor | Reviewer in 1. Journal of Computer Science and 2. Science Publications |
| 2019 | Dr.K.Lakshmi | Professor | Reviewer in International Journal of Emerging Technologies in Learning(iJET) |

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	013	3	04/12/2018	13/12/2018
BTech	014	3	04/12/2018	13/12/2018
B.Sc.B.Ed	159	3	06/12/2018	01/02/2019
BTech	603	3	28/11/2018	13/12/2018
MSW	901	3	28/11/2018	13/12/2018
MA	353	3	04/12/2018	13/12/2018
Mtech	305	3	04/12/2018	13/12/2018
MSc	351	3	04/12/2018	13/12/2018
BArch	001	3	30/11/2018	13/12/2018
MPhil	557	1	24/01/2019	28/01/2019
MPhil	554	1	24/01/2019	28/01/2019
MPhil	556	1	24/01/2019	28/01/2019
MPhil	562	1	24/01/2019	28/01/2019
MPhil	560	1	24/01/2019	28/01/2019
MPhil	561	1	24/01/2019	28/01/2019
MSW	901	1	26/12/2018	02/01/2019
MBA	403	1	27/12/2018	02/01/2019
MSc	359	1	26/12/2018	02/01/2019
MSc	360	1	26/12/2018	02/01/2019
MArch	201	1	26/12/2018	02/01/2019
Mtech	254	1	26/12/2018	02/01/2019
MSc	355	1	26/12/2018	02/01/2019
Mtech	678	1	26/12/2018	02/01/2019
MPhil	626	4	26/11/2018	13/12/2018
MPhil	627	4	30/11/2018	13/12/2018

Mtech	676	5	26/11/2018	13/12/2018
Mtech	678	5	28/11/2018	13/12/2018
MCA	451	5	05/12/2018	13/12/2018
BCA	152	5	03/12/2018	13/12/2018
BCom	153	5	07/12/2018	13/12/2018
BSc	157	5	03/12/2018	13/12/2018
BSc	161	5	07/12/2018	13/12/2018
BBA	162	5	05/12/2018	13/12/2018
BCom	151	5	07/12/2018	13/12/2018
BTech	101	5	07/12/2018	13/12/2018
BTech	015	5	07/12/2018	13/12/2018
BTech	016	5	07/12/2018	13/12/2018
BTech	012	5	07/12/2018	13/12/2018
BTech	013	5	07/12/2018	13/12/2018
BTech	014	5	07/12/2018	13/12/2018
BTech	011	5	07/12/2018	13/12/2018
BTech	601	5	29/11/2018	13/12/2018
BTech	603	5	29/11/2018	13/12/2018
B.Sc.B.Ed	159	5	11/12/2018	02/01/2019
BSc	157	1	24/12/2018	02/01/2019
BArch	001	1	24/12/2018	02/01/2019
BArch	001	2	24/05/2019	29/05/2019
MSc	351	2	28/05/2019	29/05/2019
BCA	152	1	24/12/2018	02/01/2019
BCom	153	1	24/12/2018	02/01/2019
BSc	161	1	24/12/2018	02/01/2019
BArch	001	9	04/12/2018	13/12/2018
MSc	351	9	04/12/2018	13/12/2018
BTech	601	7	06/12/2018	13/12/2018
BTech	603	7	07/12/2018	13/12/2018
BTech	011	7	04/12/2018	13/12/2018
BTech	012	7	04/12/2018	13/12/2018
BTech	013	7	04/12/2018	13/12/2018
BTech	014	7	04/12/2018	13/12/2018
BTech	015	7	04/12/2018	13/12/2018
BTech	016	7	04/12/2018	13/12/2018
BTech	101	7	04/12/2018	13/12/2018
BTech	103	7	04/12/2018	13/12/2018
B.Sc.B.Ed	159	7	06/12/2018	02/01/2019
MSc	351	7	09/11/2018	13/12/2018

BArch	001	7	04/12/2018	13/12/2018
MA	353	7	28/11/2018	13/12/2018
Mtech	305	7	04/12/2018	13/12/2018
BA	163	1	24/12/2018	02/01/2019
BSc	164	1	24/12/2018	02/01/2019
BSc	165	1	24/12/2018	02/01/2019
BCom	151	1	24/12/2018	02/01/2019
BTech	101	1	24/12/2018	02/01/2019
BTech	015	1	24/12/2018	02/01/2019
BTech	016	1	24/12/2018	02/01/2019
BTech	011	1	24/12/2018	02/01/2019
BTech	012	1	24/12/2018	02/01/2019
BTech	013	1	24/12/2018	02/01/2019
BTech	014	1	24/12/2018	02/01/2019
BDes	168	1	24/12/2018	02/01/2019
B.Sc.B.Ed	159	1	19/12/2018	02/01/2019
BBA	162	1	24/12/2018	02/01/2019
BTech	603	1	26/12/2018	02/01/2019
MSc	351	1	24/12/2018	02/01/2019
MSc	351	10	07/05/2019	13/05/2019
BArch	001	10	04/05/2019	13/05/2019
BTech	013	8	17/05/2019	20/05/2019
BTech	014	8	17/05/2019	20/05/2019
BTech	015	8	18/05/2019	20/05/2019
BTech	016	8	17/05/2019	20/05/2019
BTech	101	8	17/05/2019	20/05/2019
BTech	103	8	17/05/2019	20/05/2019
BTech	011	8	17/05/2019	20/05/2019
BTech	012	8	17/05/2019	20/05/2019
BArch	001	8	21/05/2019	29/05/2019
Mtech	305	8	27/05/2019	29/05/2019
MSc	351	8	27/05/2019	29/05/2019
MA	353	8	21/05/2019	29/05/2019
Mtech	305	6	31/05/2019	03/06/2019
MSc	351	6	31/05/2019	03/06/2019
MCA	451	6	10/05/2019	13/05/2019
BBA	162	6	22/05/2019	23/05/2019
BCom	153	6	22/05/2019	23/05/2019
BSc	157	6	20/05/2019	23/05/2019
Mtech	678	6	10/05/2019	13/05/2019

Mtech	676	6	18/05/2019	20/05/2019
BCom	151	6	22/05/2019	23/05/2019
BCA	152	6	20/05/2019	23/05/2019
BTech	016	6	31/05/2019	03/06/2019
BTech	101	6	31/05/2019	03/06/2019
BTech	013	6	31/05/2019	03/06/2019
BTech	014	6	31/05/2019	03/06/2019
BTech	015	6	31/05/2019	03/06/2019
BTech	011	6	31/05/2019	03/06/2019
BTech	012	6	31/05/2019	03/06/2019
BTech	603	6	22/05/2019	29/05/2019
BTech	601	6	22/05/2019	29/05/2019
BArch	001	6	24/05/2019	30/05/2019
Mtech	301	4	18/05/2019	20/05/2019
MSW	901	4	10/05/2019	13/05/2019
MPhil	633	4	13/05/2019	20/05/2019
MArch	201	4	03/05/2019	13/05/2019
Mtech	254	4	10/05/2019	13/05/2019
Mtech	303	4	11/05/2019	13/05/2019
MBA	403	4	17/05/2019	20/05/2019
MCA	451	4	23/05/2019	29/05/2019
BCom	153	4	27/05/2019	29/05/2019
Mtech	677	4	17/05/2019	29/05/2019
BCA	152	4	23/05/2019	29/05/2019
BSc	161	4	23/05/2019	29/05/2019
BSc	157	4	23/05/2019	29/05/2019
BSc	164	4	23/05/2019	29/05/2019
BSc	165	4	23/05/2019	29/05/2019
Mtech	655	4	17/05/2019	29/05/2019
BBA	162	4	27/05/2019	29/05/2019
BCom	151	4	27/05/2019	29/05/2019
BTech	011	4	29/05/2019	30/05/2019
BTech	603	4	21/05/2019	29/05/2019
BTech	016	4	29/05/2019	30/05/2019
BTech	101	4	29/05/2019	30/05/2019
BTech	015	4	29/05/2019	30/05/2019
BTech	012	4	29/05/2019	30/05/2019
BTech	013	4	29/05/2019	30/05/2019
BTech	014	4	29/05/2019	30/05/2019
BArch	001	4	23/05/2019	29/05/2019

Mtech	305	4	29/05/2019	30/05/2019
MSc	351	4	29/05/2019	30/05/2019
MA	353	4	29/05/2019	30/05/2019
MSW	901	2	23/05/2019	29/05/2019
Mtech	254	2	24/05/2019	29/05/2019
MArch	201	2	24/05/2019	29/05/2019
MSc	359	2	24/05/2019	29/05/2019
MSc	360	2	20/05/2019	29/05/2019
MSc	355	2	24/05/2019	29/05/2019
MBA	403	2	01/06/2019	03/06/2019
BCom	153	2	24/05/2019	29/05/2019
Mtech	678	2	22/05/2019	29/05/2019
BSc	157	2	24/05/2019	29/05/2019
BCA	152	2	28/05/2019	29/05/2019
BA	163	2	28/05/2019	29/05/2019
BSc	165	2	24/05/2019	29/05/2019
BSc	164	2	24/05/2019	29/05/2019
BCom	151	2	28/05/2019	29/05/2019
BCA	152	2	28/05/2019	29/05/2019
BBA	162	2	28/05/2019	29/05/2019
BSc	161	2	24/05/2019	29/05/2019
BTech	015	2	24/05/2019	29/05/2019
BTech	101	2	22/05/2019	29/05/2019
BDes	168	2	22/05/2019	29/05/2019
BTech	011	2	22/05/2019	29/05/2019
BTech	013	2	24/05/2019	29/05/2019
BTech	603	2	22/05/2019	29/05/2019
BTech	012	2	24/05/2019	29/05/2019
BTech	014	2	22/05/2019	29/05/2019
BTech	016	2	24/05/2019	29/05/2019
MPhil	632	4	03/12/2018	13/12/2018
MA	353	5	03/12/2018	13/12/2018
Mtech	305	5	07/12/2018	13/12/2018
MSc	351	5	07/12/2018	13/12/2018
BArch	001	5	03/12/2018	13/12/2018
MPhil	626	3	21/12/2018	02/01/2019
MPhil	627	3	21/12/2018	02/01/2019
MPhil	633	3	21/12/2018	02/01/2019
MArch	201	3	28/11/2018	13/12/2018
Mtech	254	3	28/11/2018	13/12/2018

Mtech	301	3	01/12/2018	13/12/2018
Mtech	303	3	22/11/2018	13/12/2018
MBA	403	3	06/12/2018	13/12/2018
Mtech	655	3	28/11/2018	13/12/2018
Mtech	677	3	28/11/2018	13/12/2018
BSc	164	3	04/12/2018	13/12/2018
BSc	165	3	04/12/2018	13/12/2018
BCom	153	3	04/12/2018	13/12/2018
BSc	157	3	30/11/2018	13/12/2018
BSc	161	3	04/12/2018	13/12/2018
BBA	162	3	04/12/2018	13/12/2018
MCA	451	3	24/12/2018	01/02/2019
BCA	152	3	30/11/2018	13/12/2018
BCom	151	3	04/12/2018	13/12/2018
BTech	101	3	04/12/2018	13/12/2018
BTech	015	3	04/12/2018	13/12/2018
BTech	016	3	04/12/2018	13/12/2018
BTech	011	3	04/12/2018	13/12/2018
BTech	012	3	04/12/2018	13/12/2018

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nill	5886	0

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://pmu.edu/iqac/AQAR-2018-19.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
151	BCom	Commerce (Hons.)	24	24	100
152	BCA	Computer Applications	92	88	96
153	BCom	Bachelor of Commerce	49	40	82
157	BSc	Animation and	21	20	95

		Multimedia			
159	B.Sc.B.Ed	Education	22	22	100
161	BSc	Physics	1	Nill	0
162	BBA	Business Administration	17	15	88
201	MArch	Architecture	3	3	100
254	Mtech	Environmental Engineering	2	2	100
301	Mtech	Renewable Energy	1	1	100
303	Mtech	Wireless Communication Systems	3	3	100
351	MSc	Software Engineering	32	30	94
351	BSc	Software Engineering	2	2	100
353	BA	Political Science	12	12	100
403	MBA	Business Administration	19	18	95
451	MCA	Computer Applications	17	17	100
901	MSW	Social Work	8	8	100
001	BArch	Architecture	59	57	97
011	BTech	Civil Engineering	73	47	64
012	BTech	Computer Science and Engineering	52	33	63
013	BTech	Electronics and Communication Engineering	42	38	90
014	BTech	Electrical and Electronics Engineering	25	21	84
015	BTech	Mechanical Engineering	90	71	79
016	BTech	Aerospace Engineering	20	17	85

101	BTech	Biotechnology	25	24	96
103	BTech	Chemical Engineering	16	14	88
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://docs.google.com/forms/d/1UKImROUBm4J-5kgcyR8rNLOWWCJCBYUsO7Ds7ktruKE/edit#responses

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	KARTHICK R	Indian Nanoelectronics Users programme (INUP)	24/10/2019	Centre for Nano Science and Engineering (CeNSE), IISc, Bengaluru
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
Junior Research Fellowship	274	DST SERB
Half Time Teachng Assistantship	304	Periyar Maniammai Institute of Science Technology
Half Time Teachng Assistantship	304	Periyar Maniammai Institute of Science Technology
Research Assistant	298	Indian Council of Social Science Research
Half Time Teachng Assistantship	212	Periyar Maniammai Institute of Science Technology
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Projects sponsored by the University	184	Periyar Maniammai Institute of	5.31	5.31

		Science and Technology (PMIST)		
Major Projects	365	Department of Science and Technology	18.9	4
Major Projects	365	Indian Council of Social Science and Research (ICSSR)	8	0
Projects sponsored by the University	313	Periyar Maniammai Institute of Science and Technology (PMIST)	4.7	0.5
Projects sponsored by the University	181	Periyar Maniammai Institute of Science and Technology (PMIST)	0.11	0.1
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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Episode 04 of India first leadership with Prof.Anil D. Sahasrabudhe, Chairman, AICTE	Institution Innovation Council (IIC)	10/04/2019
Workshop on Cognitive skills, design thinking and critical thinking using local resource persons	Institution Innovation Council (IIC)	09/04/2019
Proof of concept (POC) Submission	Institution Innovation Council (IIC)	15/05/2019
Workshop on Enhancing Engineer's Employability for Industry 4.0 World	Civil Engineering	07/02/2019
One day workshop on Hands on Training in PIC Microcontroller	EEE	11/09/2018
Technical Interaction programme on Importance of Science and Technology by expert from University of Iowa, USA, at Government Higher	Social Work	12/03/2019

Secondary School for Blind, Thanjavur		
Two Day National Workshop on Nanomaterials fabrication Characterisation Techniques	Division of Nanotechnology, Department of ECE	28/12/2018
FDP on Internet of Things (IoT)	ECE	24/06/2019
Guest lecture on Internet of Things (IoT)	CSE	25/01/2019
Webinar on Strategies to Drive 100 placement"	CSE	31/01/2019
Guest lecture on Placement Opportunities in IT Firm	CSE	01/03/2019
Training and Business Development	Aerospace	10/08/2018
Importance of Value added courses in Design Industry	Aerospace	03/01/2019
Aerospace Technical Publications and its opportunities	Aerospace	22/01/2019
Future Challenges of UAV – Aero India Webinar	Aerospace	24/01/2019
Indian space programme and Future Technologies needed for Aerospace activities – Aero India Webinar	Aerospace	31/01/2019
Indian Drone regulatory regime, Innovative Business opportunities – Aero India Webinar	Aerospace	06/02/2019
Creative a Globally Competitive Eco system for Fighter Manufacturing in India – Aero India Webinar	Aerospace	13/02/2019
Workshop on Design and Development of Near space Satellite Launch Vehicle (NSLV)	Aerospace	01/03/2019
Workshop on Design and Development of Maniammaiyar Satellite	Aerospace	05/04/2019
Scope of Aerospace Technical Publications and its job opportunities	Aerospace	27/06/2019
Current Trends of	Mechanical	29/10/2018

Manufacturing in Automotive sector and the opportunities available to mechanical engineers			
Exploring the opportunities available in space research and aerospace industries	Mechanical	30/10/2018	
Episode 01 India First Leadership Talk by Shri.Anand Mahindra, Chairman, Mahindra Group	Institution Innovation Council (IIC)	08/01/2019	
Workshop on IPR for Student and Faculty members	Institution Innovation Council (IIC)	10/01/2019	
Offline workshop on IPR for Students and Faculty Members	Institution Innovation Council (IIC)	24/01/2019	
Episode 02 of India first leadership with Dr.Anand Deshpande, CMD, Persistent Systems Ltd.,	Institution Innovation Council (IIC)	24/01/2019	
Episode 02 of India first leadership with Dr.Ajit Doval, NSA, Govt of India	Institution Innovation Council (IIC)	21/02/2019	
Idea Competition for students	Institution Innovation Council (IIC)	15/02/2019	
Design Competition for Proof of Concept development	Institution Innovation Council (IIC)	18/05/2019	

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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Biosensor and Bioassay for biomarker detection for cancer screening	Dr. Nitin Kumar	Tony B Award USA	01/02/2019	Biosensor and Bioassay for biomarker detection for cancer screening
GraphiTEE overall participation	K.Santhiya	NIT Trichy	24/02/2019	GraphiTEE overall participation
Thesis competition 2019	Govindraj.B	MindRain Thesis 2019	25/06/2019	Thesis competition 2019
Asia Book of Records a unique concept of an all women team to launch	PMIST and Space Kidz India	Asia Book of Records	21/04/2019	Asia Book of Records a unique concept of an all women team to launch

satellite				satellite
Biosensor and Bioassay for biomarker detection for cancer screening	Dr. Nitin Kumar	Tony B Award Europe	01/06/2019	Biosensor and Bioassay for biomarker detection for cancer screening
Best Private University in India2018	PMIST	ASSOCHAM	21/08/2018	Best Private University in India2018
Children's Hospital and Research Centre	S. Preethi, R. Renganayaki, A. Mohamed Afzal	Hospital Planning and Infrastructure Exhibition and Summit and HOSMAC IndiaPvt. Ltd.	16/10/2018	Children's Hospital and Research Centre
Institution Innovation Council (IIC) establishment award	PMIST	Ministry of HRD, AICTE	21/11/2018	Institution Innovation Council (IIC) establishment award
Institution Innovation Council (IIC) establishment award	PMIST	Ministry of HRD, AICTE	21/11/2018	Institution Innovation Council (IIC) establishment award
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Periyar Technology Business Incubator	Mr.S.Illan kumaran	Self	M/S Thennagam	Organic Food Product	08/10/2018
Periyar Technology Business Incubator	Mr.S.Manik andan	Self	M/S Genurem Bio Sciences LLP	Biotechnol ogy	06/05/2019
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Mechanical Engineering	1
Management Studies	3
Computer Applications	3
CSE	4
Civil Engineering	2

Architecture	1
Physics	1
ECE (Nanotechnology)	1
Chemistry	1
Education	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Biotech	12	4.39
International	EEE	1	1.31
International	MECHANICAL	10	0.89
International	Chemistry	1	0.63
International	Physics	4	0.59
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Education	2
CSE	1
Maths	1
Architecture	1
Civil Engineering	2
CSA	2
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Sequential Processing Hexagonal Reactor for Biodegradable Hospital Waste Johnson Ebenezer R, Mohan S and Kumaran S – Technical patent	Published	2019410238	21/06/2019
System and Method for securing Raw and Analyzed Data Dr.A.George, Professor / Mathematics and Ms.M.Sharmila Begum, AP / Software Engineering	Published	2017410455	28/09/2018

Development of diagnostic strip for instantaneous ABO Rh Blood Grouping - S.Chittibabu	Published	2017410097	28/09/2018
Pneumatically operated electronic multipurpose simulator (POEMS) N. Ramachandran, R.	Published	WO 2019/01	24/01/2019

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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Long-term-durable anti-icing superhydro phobic composite coatings	S. Rajiv, S. Kumaran, M. Sathish	Journal of Applied Polymer Science	2018	2	Periyar Maniammai Institute of Science Technology	3
A compre hesive Reivew on Ociumum basilicum	Balakris hnan Purus hnothaman, Ramalingam Prasanna S rinivasan, Purushotha man Suganthi, Balu Ranga nathan, Jolius Gimbun and Kumaran Shanmugam	Journal of Natural Remedies	2018	2	Periyar Maniammai Institute of Science Technology	3
An enhan cement of anitmicrob ial efficacy of biogenic and cefria xone-conju gated silver nan oparticles : green approach	Rajasree Shanmugana than, Davo odbasha Mubaraka Ali, Desika Prabakar, Harshiney Mutukumar, Noorudin Thajuddin, Smita S. Kumar, Arivalagan	Environ. Sci Pollut Res	2018	2	Periyar Maniammai University	56

	Pugazhendh i					
Maskless patterned growth of ZnO nanorod arrays using tip based electrolithogr aphy	A. Katha lingam, Dh anasekaran Vikraman, K. Karuppa samy, Hyun-Seok Kim, Hyun-Chang Park, Kumaran Shanmugam	Maerial Science in Semincondu ctor Processing	2018	2	Periyar Maniammai University	2
Fabrication of Robust sup erhydrobic coatings using PTFE-MWCNT nano composite-supercriti cal fluid processing	Subraman ian R, Shanmugam K, Marappan S	Surface and Interface Analysis	2018	2	Periyar Maniammai Institute of Science Technology	3
Fabrication of Robust sup erhydrobic coatings using PTFE-MWCNT nano composite-supercriti cal fluid processing	Kathalin gam A, Shanmugam K, Park H, Kim H.S	Journal of Materials processing technology	2018	2	Periyar Maniammai Institute of Science Technology	2
An energy efficient clustering algorithm using harmony memory search for wireless sensor network	C. Narmadha, P. Marichamy, A.E. Narayanan	International Review on Modelling an Simulat ions	2018	1	Periyar Maniammai Institute of Science Technology	1
Performa nce invest igation of low power radio duty cycling MAC for resouce co nstrained	B. Rajesh Shyamala Devi, A. George, Aby K. Thomas	International Journal of Engineerin g Technology	2018	1	Peryar Maniammai University	1

WSN							
On the metric dimension of HDN 3 and PHDN3	Raj F.S, A. George	IEEE Conference Publication	2018	2	Periyar Maniammai Institute of Science Technology	2	
An emperical investigation to analyse the factors influencing the consumer perception regarding life insurance policies using path analysis	Guru P. D. Umamaheswari	International Journal of Supply Chain Management	2018	1	Periyar Maniammai Institute of Science Technology	1	

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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Analysis of Sn concentration effect on morphological, optical, electrical and photonic properties of spraycoated Sndoped CdO thin films	Kathalingam A., Kesavan K., Rana A.H.S., Jeon J., Kim H.S.	Coatings	2018	Nill	4	PeriyarManiammai Institute of Science Technology, PeriyarNagar, Vallam, Thanjavur, Tamil Nadu, India – 613403
Investigation of drinking water demand and its compensation through adoption of rain	Anandh T., Vinoth R.	International Journal of Mechanical Engineering and Technology	2018	Nill	2	PeriyarManiammai Institute of Science Technology, PeriyarNagar, Vallam, Thanjavur, Tamil

water harvesting in Thanjavur						Nadu, India – 613403
An energy efficient clustering algorithm using harmony memory search for wireless sensor network	Narmadha C., Marichamy P., Narayanan A.E.	International Review on Modelling and Simulations	2018	Nill	1	PeriyarManiammai Institute of Science Technology, PeriyarNagar, Vallam, Thanjavur, Tamil Nadu, India – 613403
An enhancement of antimicrobial efficacy of biogenic and ceftriaxoneconjugated silver nanoparticles : green approach	Shanmuganathan R., MubarakAli D., Prabakar D., Muthukumar H., Thajuddin N., Kumar S.S., Pugazhendhi A.	Environmental Science and Pollution Research	2018	4	56	PeriyarManiammai Institute of Science and Technology, PeriyarNagar, Vallam, Thanjavur, Tamil Nadu, India – 613403
Investigation on dry sliding wear behavior of Mg/BN nanocomposites	Kaviti R.V.P., Jeyasimman D., Parande G., Gupta M., Narayanasamy R.	Journal of Magnesium and Alloys	2018	4	15	PeriyarManiammai Institute of Science Technology, PeriyarNagar, Vallam, Thanjavur, Tamil Nadu, India – 613403
Therapeutic effect of intestinal autochthonous Lactobacillus reuteri P16 against waterborne lead	Giri S.S., Yun S., Jun J.W., Kim H.J., Kim S.G., Kang J.W., Kim S.W., Han S.J., Sukumaran V., Park S.C.	Frontiers in Immunology	2018	4	8	PeriyarManiammai Institute of Science Technology, PeriyarNagar, Vallam, Thanjavur, Tamil Nadu, India –

toxicity in Cyprinus carpio						613403
A comprehensive review on Ocimumbasilicum	Purushothaman B., Prasannasrinivasan R., Suganthi P., Ranganathan B., Gimbun J., Shanmugam K	Journal of Natural Remedies	2018	Nill	3	PeriyarManiammai Institute of Science Technology, PeriyarNagar, Vallam, Thanjavur, Tamil Nadu, India – 613403
On the metric dimension of HDN 3 and PHDN 3	Raj F.S., George A.	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017	2018	Nill	2	PeriyarManiammai Institute of Science Technology, PeriyarNagar, Vallam, Thanjavur, Tamil Nadu, India – 613403
Maskless patterned growth of ZnO nanorod arrays using tip based electrolithograph	Kathalingam A., Vikraman D., Karuppasamy K., Kim H.S., Park H.C., Shanmugam K	Materials Science in Semiconductor Processing	2018	Nill	2	PeriyarManiammai Institute of Science Technology, PeriyarNagar, Vallam, Thanjavur, Tamil Nadu, India – 613403
Fabrication of robust superhydrophobic coatings using PTFEMWCNT nanocomposite: Super critical fluid processing	Subramanian R., Shanmugam K., Marappan S.	Surface and Interface Analysis	2018	Nill	3	PeriyarManiammai Institute of Science Technology, PeriyarNagar, Vallam, Thanjavur, Tamil Nadu, India – 613403

Study on effects of spring back on sheet metal bending using simulation methods	Saravanan S., Saravanan M., Jeyasimman D.	International Journal of Mechanical and Production Engineering Research and Development	2018	4	4	PeriyarManiammai Institute of Science Technology, PeriyarNagar, Vallam, Thanjavur, Tamil Nadu, India – 613403

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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	25	60	45	102
Presented papers	79	23	Nill	1
Resource persons	1	6	9	7

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
ARCHITECTURE AND CIVIL ENGINEERING	Smart city Project Thanjavur	Thanjavur Corporation	2035418
CIVIL ENGINEERING	TESTING	Yagappa Readmix	1000
CIVIL ENGINEERING	TESTING	Air voice Telesystem	1000
CIVIL ENGINEERING	TESTING	Air voice Telesystem	500
CIVIL ENGINEERING	TESTING	R.Mahadevan Thanjavur	25000
CIVIL ENGINEERING	TESTING	Madavapws Sirkali	8750
CIVIL ENGINEERING	TESTING	K.Ramesh Thanjavur	500
CIVIL ENGINEERING	TESTING	Vishal Infrastructure	1000
CIVIL ENGINEERING	TESTING	Meenakshi Hospital Thanjavur	2500
CIVIL ENGINEERING	TESTING	Rishabh Builders Thanjavur	15000

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
SASTA, 20172018 (08.11.2017 – 31.08.2018) Social Work Department	SASTA PROJECT	Self Help Group Women Village Resource Persons from various panchayats of Thanjavur	2195000	1176
H Agathiyar Traditional (5 Generation) Herbal Physiotherapy centre, Pillayapatti, Thanjavur Veeramani Mohana Centre for Quality Life Engineering Research PMIST	Herbal Therapy	Employees of MSD Herbals, Agraharam Main Road, Agraharam (PO), Krishnagiri www .msdherbals.com GST: 33BIFPS3351GIZD Mr. M.S.Sekar (Proprietor)	80000	10
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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
One week NSS Camp	PMIST – NSS	1	25
CATC camp at PMIST, Vallam	PMIST NCC 3TN AIR SQN (Tech) NCC, Trichy	1	500
EBSB camp at PMIST, Vallam	PMIST NCC and Tamil Nadu Directorate	1	600
Celebration of 140 thPeriyar Birth day Organized a Blood Donation Camp	YRC and Thanjavur Medical College Hospital Blood Bank, Thanjavur	3	115
Celebration of 140th Periyar Birth day Organized a Blood Donation Camp	YRC and Indian Red Cross Society, Thanjavur Branch, Thanjavur	2	60
Celebration of Hon'ble Chancellors Birthday Organized a Blood Donation Camp	YRC and Thanjavur Medical College Hospital Blood Bank, Thanjavur	3	33

Celebration of 100th AnnaiManiammiyar Birthday Organized a Blood Donation Camp	YRC and Thanjavur Medical College Hospital Blood Bank, Thanjavur	4	60
Collection of Gaja cyclone relief fund and distribution of relief materials	YRC	1	15
World Aids Day celebration	RRC	3	124
Celebrating Life Aids Awareness	RRC and DAPCU, TANSACS	3	241
Peer Education Training	RRC and DAPCU, TANSACS	3	211
Interactive Training Session ICTC	RRC and DAPCU, TANSACS	3	120
Exposure Visit to ICTC,ART,Blood Bank	RRC and DAPCU, TANSACS	3	20
Get educated on HIV AIDS	Integrated counselling and testing centre, Govt.Head Quarters Hospital, Kumbakonam	2	150
Alcoholism and Responses of the family members	Sri Victoria Integrated Rehabilitation Centre for Addicts, Thanjavur.	1	30
Alcoholism Responsibility of the family members	WE TRUST, Trichy	1	50
Stress Management	Athma Mind Centre, Trichy	1	50
Role of students in social welfare	Group project on CHILD CARE AND PROTECTION	2	60
Change is in our hands	Nila Psychiatric Rehabilitation centre	1	50
Importance of Aacademic and stress management	Athma Mind Centre, Trichy	1	50
Herbal medicine awareness programme	Kottarapatti, Periyar PURA Village	2	75
Awareness	Manaiyeripatti,	2	50

programme on Ethno Veterinary Medicine	Periyar PURA Village		
Awareness programme on Technological Abuse	Rajah Serfoji College, (Autonomous), Thanjavur	1	100
Importance of Grama Sabha Importance of Free Legal Aid	South Palaiyapatti, Periyar PURA Village	2	100
Awareness on Alcoholism and De Addiction	Achampatti, Periyar PURA Village	2	75
Celebration of Hon'ble Chancellor's Birthday Organized a Blood Donation Camp	YRC and Thanjavur Medical College Hospital Blood Bank, Thanjavur	3	33
Celebration of 100th AnnaiManiammiyar Birthday Organized a Blood Donation Camp	YRC and Thanjavur Medical College Hospital Blood Bank, Thanjavur	4	60
Collection of Gaja cyclone relief fund and distribution of relief materials	YRC	1	15
World Aids Day celebration	RRC	3	124
Celebrating Life Aids Awareness	RRC DAPCU, TANSACS	3	241
Peer Education Training	RRC DAPCU, TANSACS	3	211
Interactive Training Session ICTC	RRC and DAPCU, TANSACS	3	120
Gaja cyclone relief packing and distribution of relief materials	NSS, YRC,PMU	5	25
MakkalaiNaadiMaru thuvam (Medical Camp)	NSS of PMIST and Periyar Matriculation Higher Secondary School, Jayankondam	2	6
SocioEconomic Survey camp in Achampatti with CRD	NSS and CRD	3	55
Digital Literacy	NSS	10	200

programme			
Clean India and save environment activities	NSS	10	515
Medical camp	NSS	10	126
Eye check up camp	NSS	10	209
TB Awareness programme	NSS	10	301
First aid training programme	NSS	10	525
Child empowerment awareness programme	NSS	10	525
Yoga training	NSS	10	525
Ayurvedic medical camp	NSS	10	525
Rally on International Human trafficking modern business	NSS, YRC	10	1000
Medical camp conducted in Manganoor.	NSS	10	500
Mission rabies awareness programme	NSS	10	100
Medical camp	NSS	10	200
Election Duty	NSS	10	50
Socio Economic Survey camp Siruganur, Manachanallur Block, Trichy	NSS and Department of Education	4	96
Sapling Plantation	NSS UNIT 9	1	32
Sapling Preparation	NSS UNIT 9	1	32
GAJA Cyclone recover Activities under Swatch Barath	NSS UNIT 9	1	30
Distribution of GAJA cyclone relief materials to the affected areas	NSS UNIT 9	1	6
GAJA Cyclone recover Activities under Swatch Barath	NSS UNIT 9	1	30
School cleaning activities at Periyar PURA villages	NSS UNIT 9	1	10

| Village Survey camp | NSS UNIT 9 | 1 | 30 |
| NSS Special camp at Punganur and Nandhavanapatti Villages | NSS UNIT 9 | 1 | 25 |

View File

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NSS Swachh Bharat	Award	MHRD, Government of India	10
IGC	Felicitation	NCC Group Head Quarters Trichy	2
Blood Donation Camp	Appreciation Award	Tamilnadu Aids Control Society Tamil Nadu State Blood Transfusion Council	254
Blood Donation Camp organizer	Appreciation Award	Tamilnadu Aids Control Society Tamil Nadu State Blood Transfusion Council	254
PM Rally	Felicitation	NCC Group Head Quarters Trichy	1
Regular Voluntary Blood Donor	Award	Tamilnadu Aids Control Society and Tamil Nadu State Blood Transfusion Council	2

View File

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat	NonGovernment Organisations	Cleaning of Automobile Lab and Re arranging of spares on 04.01.2019	2	12
NSS	Periyar FM, PURA	Medical Camp,Swatch Bharat, Awareness on Breast Cancer and Uterine Cancer	2	12

Swacch Bharat	NSS UNIT 9	School Cleaning in Palayapatti Middle School, Thanjavur	1	10
Swacch Bharat	NSS UNIT 9	PMIST Campus Cleaning	1	30
Swachh Bharat	PMIST	Swachh Bharat Removing Garbage from street	2	66
Road Safety	PMIST	Road Safety week	2	12
CATC camp at PMIST, Vallam	3TN AIR SQN (Tech) NCC, Trichy	Training Camp –I Cum VSC Launch	Nill	30
RDC Trg I at APA College Palani	3TN AIR SQN (Tech) NCC, Trichy	RDC Trg I	Nill	5
VSC TrgIV at Anna University, Trichy	3TN AIR SQN (Tech) NCC, Trichy	VSC TrgIV	Nill	4
RDC Training campII at GTN Arts college, Dindugul	34 TN INEP COY NCC, Thanjavur 3TN AIR QN (Tech) NCC, Trichy	RDC Training Camp –II	Nill	2
IGC VSC camp at Kings College of Engineering, Punalkulam	3TN AIR SQN (Tech) NCC, Trichy	IGC –VSC Competition Camp	Nill	4
Importance of Physical Education Training Programme	PMIST	Physical Education Training Programme	10	525
Surgical Strike Day 26.09.2018	4 TN Girls BN NCC Trichy 3TN AIR SQN NCC Trichy, 34 TN INDEP COY NCC Thanjavur	Awareness Programme	Nill	50
Surgical Strike Day	1. 4 TN GIRLS BN NCC, Trichy 2. 3 TN AIR SQN NCC, Trichy, 3. 34 TN INDEP COY NCC,Thanjavur	Awareness Programme	Nill	50
AIVSC Launch II at 1TN Air Sqn NCC,	3TN AIR SQN (Tech) NCC, Trichy	AVSC Launch II Camp	Nill	1

Thambaram				
RDC cum IGC Camp at Bannari Amman Institute of Technology	34 TN INEP COY NCC, Thanjavur	RDC cum IGC Camp	Nill	2
ATC camp at Thamarai International School, Thanjavur	34 TN INEP COY NCC, Thanjavur	Training Camp	Nill	3
Swachh Bharat	YRC	Cleaning work of Civil Engineering Department	3	30
Swachh Bharat	NonGovernment Organisations	Cleaning of Drawing Hall on 02.08.2018	1	8
RDC Training campI at Kongu Nadu Engineering College, Erode	3TN AIR SQN (Tech) NCC, Trichy	RDC Training Camp –I	Nill	1
Unity Day at PMIST	1. 4 TN GIRLS BN NCC, Trichy 2. 34 TN INDEP COY NCC, Thanjavur 3. 3 TN AIR SQN NCC, Trichy,	Unity Day	3	30
RDC CGT camp at PSG college of Arts Science, Coimbatore	3TN AIR SQN (Tech) NCC, Trichy	RDC Training Camp II	Nill	1
CATC TrainingII at National Institute of Technology, Trichy	3TN AIR SQN (Tech) NCC, Trichy	Training Camp I	Nill	3
PRE NICII at VIT University. Chennai at RDC Delhi	3TN AIR SQN (Tech) NCC, Trichy	PRE NICII	Nill	1
World Water Day at PMIST	1. 4 TN GIRLS BN NCC, Trichy 2. 34 TN INDEP COY NCC, 3. 3 TN AIR SQN NCC, Trichy,	World Water Day	3	50
Yoga Day at PMIST	1. 4 TN GIRLS BN NCC, Trichy 2. 34 TN INDEP	Yoga Day	3	29

| International Day Against Drug Abuse and Illicit Trafficking at PMIST | 1. 4 TN GIRLS BN NCC, Trichy2. 34 TN INDEP COY NCC, Thanjavur 3. 3 TN AIR SQN NCC, Trichy, | International Day Against Drug Abuse and Illicit Trafficking | 3 | 50 |
| Swachh Bharat | NonGovernment Organisations | Cleaning of Thermal and HMT Lab on 04.10.2018 | 1 | 20 |

View File

3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
A Research collaboration between PMIST (Research Supervisor - Dr. K. Anbarasu) and Central Drug Research Institute (CSIR-CDRI), A Council of Scientific and Industrial Research, Lucknow (Host Supervisor - Dr. Rajdeep Guha). A woman PhD research schol	1	Funded project from DSTSERB (YSS)	178
A Research Collaboration on Catalytic effect of nano-NiO particles in Pyrolysing of Biomass materials between PMIST (Host Supervisor- Prof. PK Srividhya) University of Prince Edward Island (Home Academic Supervisor - Prof. Bishnu Acharya), Interns	2	Mathematics of Information Technology and Complex Systems (MITACS)	16
A Research Collaboration between PMIST and	8	University of Iowa	28

University of Iowa for participating in project entitled Correlation of pulmonary structural and functional alterations in a population exposed to indoor cooking with solid bio-fuel: A pilot study	

[View File](#)

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industry	Practical Training	Venturesome Architects Interior Designers, 119/87, G3, Ashwamedha Apartments, Velachery Main Road, Guindy, Chennai – 600 032.	18/06/2018	27/10/2018	Abdullah l iyakathalimo lukkan
Industry	Practical Training	Studio Toggle Architects F13, The Cube, Salem Al Mubarak street, Salmiya, Kuwait.	20/08/2018	27/11/2018	Aishvarya G
Industry	Practical Training	ACC Engineering Consultants Dubai, UAE.	09/06/2018	30/11/2018	Anusha Angelina J
Industry	Practical TrainingPrac tical Training	Allplans architecture designs Xli/497 ,1st floor elamana ,rajaji road	01/06/2018	30/11/2018	Amritha Mary Thomas

Industry	Practical Training	Ansari Associates G3, Nanda Apartments, No.21/7a, Habibullah Road, T.Nagar, Chennai - 600 017.	01/06/2018	03/11/2018	Vidhya S
Industry	Practical Training	Ramprakash Associates Bangalore	04/06/2018	26/10/2018	Unnamalai M
Industry	Practical Training	Arun Associates No.1289, Trichy Road, Coimbatore - 641 018	28/05/2018	03/11/2018	Sudharsan M
Industry	Practical Training	Office of Cognitive Design Raja Sabha,No.35, Kasturba Cross Road, Off Lavelle Road, Bangalore - 560 001.	01/06/2018	12/11/2018	Vaisali M
Industry	Practical Training	LEAN ARCHITECTURE @ 360 DEG No .7-1-211/47, Plot No:12, Shivbagh, Ameerpet, Hyderabad, Telangana - 500 016.	16/05/2018	31/10/2018	Yogeshwaran P

View File

 3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Centre of Excellence in Manufacturing Sciences, Coimbatore Institute of	14/06/2019	Trainning in Manufacturing Sciences	14

Technology, Coimbatore, Tamilnadu. (Supported by MHRD, Govt. of India)			
Space Kidz India, Chennai, Tamilnadu.	05/01/2019	Training and Launch of Balloon Satellite	15

View File

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
59451000	59620039

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Existing
Seminar Halls	Newly Added
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Newly Added
Video Centre	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
BRAIN	Fully	V2.16	2005

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	81980	12722204	144	80417	82124	12802621
Reference Books	9019	770288	83	117975	9102	888263

e-Books	60000	230000	Nill	Nill	60000	230000
Journals	73	1642083	52	418999	125	2061082
e-Journals	170	3762399	35	637643	205	4400042
Digital Database	8000	1282710	500	281130	8500	1563840
CD & Video	1833	201100	Nill	Nill	1833	201100
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
JAYASUDHA P	Advanced Studies in Regional and Vernacular Architecture	ppt	04/04/2018
JAYASUDHA P	Vernacular Architecture	ppt	04/04/2018
JAYASUDHA P	Research Methodology	ppt	04/04/2018
ARIVU CHELVAN K M	Design and Analysis of Algorithm	pdf	11/04/2018
PRIYA C	Introduction to Phonetics	pdf	25/05/2018
PRIYA C	Poetry	pdf	22/05/2018
PRIYA C	Research Methodology	pdf	22/05/2018
SRIDEVI B	Numerical Methods	doc	22/05/2018
PRIYA C	English Language Teaching	pdf	23/05/2018
DINU RAJ S	Quality Management	pptx	30/05/2018
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1071	660	1071	0	100	28	284	1	0
Added	0	0	0	0	0	0	0	0	0
Total	1071	660	1071	0	100	28	284	1	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Media Centre	http://pmu.edu/iqac/aqar2018-19.aspx

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
375	**446**	**415**	**482**

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Procedures and Policies for Maintenance, Repair and Service at PMIST PMIST has got well defined Maintenance Policy for the up-keep of the supporting systems, environment and the campus as a whole along with the buildings and roads. An Estate Office with skilled staff handles the activities and functions of the maintenance, repair and service. There is a budget provision for the maintenance activities. (Last year Budget was Rs.7,90,27,000/) The Maintenance Policy of PMIST: ? To maintain the equipment, machinery and other supporting facilities utilized for physical and academic activities, in a good working condition so that they are available all the time for use. ? To maintain the environment of the entire campus clean, hygienic and safe for the students and staff. ? To maintain the Class Rooms, Hostels, Residential Quarters and other buildings clean and safe. ? To maintain Buses and other transport vehicles in good and safe working condition through appropriate service contracts. ? To enter into proper Service Contracts for the repair and maintenance of equipment/ machines etc. that require specialized expertise. Functions and Responsibilities: The Functional Responsibilities of the maintenance activities are assigned accordingly: ? Overall maintenance of the space, buildings and the surroundings shall be the responsibility of the Faculties and Staff either directly or through/with the help of Estate office. ? Services and infrastructure facilities shall be maintained by the maintenance department having properly trained and skilled staff. ? Cleaning of the toilets and other places rest with the Conservancy department. ? Lab equipment and machines shall be maintained by the lab-in-charges and technicians with routine maintenance schedule. ? The Log-books and inventory registers shall be maintained by the department/labs for overall control. ? The equipment/instruments shall be cleaned, calibrated and maintained with proper records, by the department and labs. ? Electrical/Electronic equipment and UPS shall be maintained by the electrical Department. ? The gardens and other greeneries shall be maintained by the gardeners. ? Library shall maintain the books and other items under their control. It shall maintain inventory register and logbooks for proper functioning and accounting. Procedures for Maintenance, Repair and Service: The Procedure for effective maintenance is also well defined: ? General and routine maintenance/repair/service shall be done by the department staff. ? Where expert service is required external Service Contract shall be entered into. ? If Estate office help is required, the same shall be requested for by submitting a duly filled Form to the maintenance department. It shall be routed

through the office of Registrar. ? Wet and Dry cleaning of the class rooms, buildings, wash rooms, labs etc shall be done daily with sanitation liquids. Maintenance Charts shall be maintained as a record of compliance. ? The conservancy persons shall use proper safety Apron, Cap, Mask, Gloves etc. while performing cleaning operations. ? Vehicles shall be subjected to periodical checkups (mandatory and regular) for the safety and performance. ? Fire fighting equipment and other safety gadgets shall be maintained with periodic checkup and refilling for their efficient active

http://pmu.edu/iqac/pdf/Procedures_and_policies_formaintaining_and_utilizing_physical_academic_and_support_facilities.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Management Scholarship	640	12349050
Financial Support from Other Sources			
a) National	Others	10	201000
b)International	0	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Mentoring	25/06/2018	70	Department of Aerospace, PMIST
Mentoring	25/06/2018	131	Department of Biotechnology, PMIST
Mentoring	25/06/2018	16	Department of Chemical Engineering, PMIST
Mentoring	25/06/2018	211	Department of Civil Engineering, PMIST
Mentoring	25/06/2018	76	Department of Electrical and Electronics Engineering, PMIST
Mentoring	25/06/2018	200	Department of Computer Science and Engineering, PMIST
Mentoring	25/06/2018	269	Department of Mechanical Engineering, PMIST
Soft skill	08/10/2018	263	International

development (Global Asset Certification Programme)			Centre for Global Excellence (ICGE), USA ESKAY Academic Services (ESKAY), Chennai
Language lab "Introduction to Listening, Speaking, Reading and Writing Skill"	22/08/2018	78	Department of English Foreign Languages, PMIST
Language lab "Introduction to Listening, Speaking, Reading and Writing Skill"	19/02/2019	51	Department of English Foreign Languages, PMIST
Bridge courses (Induction Programme/ Foundation Course for the First year Students)	23/07/2018	58	Department of Architecture,PMIST
Bridge courses (Induction Programme/ Foundation Course for the First year Students)	16/07/2018	140	Faculty of Engineering and Technology, PMIST
Bridge courses (Induction Programme/ Foundation Course for the First year Students)	09/07/2018	38	Department of Software Engineering, PMIST
Bridge courses (Induction Programme/ Foundation Course for the First year Students)	09/07/2018	181	Department of Computer Science and Applications , PMIST
Bridge courses (Induction Programme/ Foundation Course for the First year Students)	09/07/2018	58	Department of Physics, Chemistry and Mathematics, PMIST
Bridge courses (Induction Programme/ Foundation Course for the First year Students)	09/07/2018	42	Department of Management Studies, PMIST
Bridge courses (Induction Programme/	09/07/2018	138	Department of Commerce, PMIST

Foundation Course for the First year Students)			
Yoga(International day of Yoga)	21/06/2019	250	Department of Physical Education organised with Resource person as Dr.A.Vanitha Yoga Coach and Naturopathy Medical Consultant, Thanjavur
Meditation Stress Management Programme	27/07/2018	140	Department of Architecture organised with Resource person as Ar. Sangeetha, NIT, Trichy
Personal Counselling	09/07/2018	106	Counselling by PMIST Counsellor Dr. Lilly Pushpam Dr. Lilly Pushpam
Remedial coaching	06/08/2018	115	Department of Architecture, PMIST
Remedial coaching	29/10/2018	18	Department of Aerospace, PMIST
Remedial coaching	10/07/2018	43	Department of Biotechnology, PMIST
Remedial coaching	20/09/2018	59	Department of Civil Engineering, PMIST
Mentoring	25/06/2018	165	Department of Management Studies, PMIST
Remedial coaching	27/07/2018	28	Department of Electrical and Electronics Engineering, PMIST
Remedial coaching	25/09/2018	143	Department of Computer Science and Engineering, PMIST
Remedial coaching	27/07/2018	400	Department of Mechanical Engineering, PMIST
Remedial coaching	27/07/2018	28	Department of Electronics and Communication Engineering, PMIST
Remedial coaching	01/08/2018	523	Department of Mathematics, PMIST

Remedial coaching	03/09/2018	49	Department of Chemistry, PMIST
Mentoring	25/06/2018	117	Department of Education, PMIST
Mentoring	25/06/2018	10	Department of Social work, PMIST
Mentoring	25/06/2018	25	Department of Political Science, PMIST
Mentoring	25/06/2018	174	Department of Software Engineering, PMIST
Soft skill development (Global Asset Certification Programme)	16/08/2018	771	International Centre for Global Excellence (ICGE), USA ESKAY Academic Services (ESKAY), Chennai
Remedial coaching	27/08/2018	100	Department of Physics, PMIST
Remedial coaching	13/07/2018	55	Department of Commerce, PMIST
Remedial coaching	03/09/2018	160	Department of Management Studies, PMIST
Remedial coaching	03/09/2018	82	Department of Software Engineering, PMIST
Mentoring – Mentors are allotted for each student for mentoring	25/06/2018	369	Department of Architecture, PMIST
Mentoring	25/06/2018	146	Department of Electronics and Communication Engineering Nanotechnology Division, PMIST
Mentoring	25/06/2018	42	Department of Mathematics, PMIST
Mentoring	25/06/2018	20	Department of Chemistry, PMIST
Mentoring	25/06/2018	25	Department of Physics, PMIST
Mentoring	25/06/2018	334	Department of Commerce, PMIST
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Gate Coaching	114	Nill	3	Nill
2019	NCERT/ Common Entrance Exam /CEE -2019 conducted by Regional Institute of Education Mysore	8	Nill	1	Nill
2018	"Higher study opportunity in Abroad" conducted by CUII on 26.7. 18	Nill	133	Nill	3
2018	Skill Required for Core Companies	Nill	26	Nill	26
2018	Mock online test	Nill	529	Nill	346
2018	Higher studies opportunities in New Zealand and Renewable Energy and Electrical Vehicles	Nill	110	Nill	Nill
2019	Awareness on Job opportunities in Fire and Safety industry	Nill	49	Nill	Nill
	View File				

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
3	3	6

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Techtiqqsoft,KotakLife,Hexaware Tech,Bankzone, Global auto,CMS IT,Tech Mahindra,Eureka Forbes,SSF Plastic,Vignesh Enterprises,Jaman,Faurecia,Bigleap Tech,First source,IDBI Federal,Unitech Plasto,TSM,VEE Tech,Anjelin Infotech,Addison Paint,Delphi,Rikun	1919	597	VEE Tech,Unitech Plasto,Muthoot Finance,Disha Interior,KIML,Periyar School,Shuonya Nova architects and interior Designers, Mancini Enterprises, Office for cognitive design,Studio D cubed,Preeka Design Studio,InForm Architects,Cresarc Studio Llp,HCL	182	57
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	2	B.Tech	Civil	Bharath Institute of Higher Education and Research, Chennai	M.Tech
2018	1	B.Tech	Civil	Shanmugha Arts, Science, Technology & Research Academy, Thanjavur	M.Tech
2018	1	B.Tech	EEE	SRM Institute of Science and Technology,	M.Tech

				Chennai	
2018	1	B.Tech	ECE	Periyar Maniammai Institute of Science & Technology, Thanjavur	MBA
2018	1	B.Tech	ECE	Gnanam School of Business , Thanjavur	MBA
2018	1	B.Com(Hons)	Commerce	Anna University, Chennai	MBA
2018	1	B.Com(Hons)	Commerce	AVC College, Maiyaladuthurai	MBA
2018	1	B.Com	Commerce	Annai college, Kumbakonam	MBA
2018	1	B.Com	Commerce	Periyar Maniammai Institute of Science & Technology, Thanjavur	MBA
2018	1	B.Sc	Physics	Shanmugha Arts, Science, Technology & Research Academy, Thanjavur	M.Sc
2018	1	B.ScBEd	Education	Kathir Mohaideen Arts College, Adirampattinam	M.Sc Chemistry
2018	3	B.ScBEd	Education	AVVM Sri Pushpam College, Poondi	M.Sc Physics
2018	1	B.ScBEd	Education	Govt.Arts College, Coimbatore	M.Sc Physics
2018	1	B.ScBEd	Education	Gobi Arts college, Gobi Chettipalayam, Erode	M.Sc Physics
2018	6	B.Arch	Architecture	Sathyabama Institute of science and	M.Arch

2018	1	B.Arch	Architecture	Technology , Chennai	
2018	1	B.Arch	Architecture	Periyar Maniammai Institute of Science & Technology, Thanjavur	M.Arch
2018	4	BCA	Computer Science and Applications	Periyar Maniammai Institute of Science Technology, Thanjavur	MCA
2018	1	BCA	Computer Science and Applications	Shanmugha Arts, Science, Technology & Research Academy, Thanjavur	MCA
2018	1	BCA	Computer Science and Applications	Anjalai Ammal Mahalingam Engineering College, Kovilvenni	MCA
2018	1	BCA	Computer Science and Applications	Paavai Engineering College, Namakkal	MBA
2018	1	BCA	Computer Science and Applications	Swami Vivekananda Arts & Science, Thanjavur	MBA
2018	1	BCA	Computer Science and Applications	B. S. Abdur Rahman Crescent Institute Of Science And Technology, Chennai	MBA
2018	1	BCA	Computer Science and Applications	Hindustan College of Arts & Science, Coimbatore	MSW
2018	1	B.Arch	Architecture	SAP, Anna university, Chennai	M.Arch
2018	1	B.Tech	Biotechnology	Karunya Institute of Technology	M.Tech

2018	1	B.Tech	Biotechnology	Anna university, Trichy	M.Tech
2018	1	B.Tech	Biotechnology	Mysore University, Mysore	M.Tech
2018	1	B.Tech	Biotechnology	NIT Surathkal	M.Tech
2018	1	B.Tech	CSE	Kurinji College of Engineering and Technology , Manapparai	ME
2018	1	B.Tech	CSE	Velammal Engineering College, Chennai	MBA
2018	1	B.Tech	CSE	K.Ramakrishnan College of Technology, Trichy	ME
2018	1	B.Tech	CSE	Anna University, Chennai	ME
2018	1	B.Tech	Mechanical	PSG College of Technology, Coimbatore.	M.Tech
2018	1	B.Tech	Civil	PSNA College of Engineering and Technology, Dindigul	M.Tech
2018	1	B.Tech	Civil	Annamalai University, Chidambaram	M.Tech

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	3
SLET	1
NET	2
Any Other	4

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year		
Activity	Level	Number of Participants
Annual Sports Meet 4	Institution	264
Periyar Memorial State Level Tournament on 4th 5th Oct 2018 4	State	300
tRANS (010)gy One day National Level Technical Symposium 4	National	920
KRIYA 2K19 (UG level Students Meet) 4	State	200
PECSAM 2K18 One day National Level Technical Symposium 4	National	170
CIZTA 2019 4	National	90
Mechtrix 2K18 Two day National Level Technical Symposium 4	National	80
National Science Day 4	National	600
Periyar Annual Cultural Event (PEACE)2019 4	Institution	347
Open House event on Technologies for Green Clean and Digital India 4	Regional	800
National Mother Tongue Day Matribhasha Diwas 4	Institution	18

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Third Position in Chess Competition in Sports and Cultural Carnival Riviera – 2019,at VIT, Vellore (14.2.19 to 17.2.19)	International	1	Nill	11701201 2543, 1150 12103136, 1170123513 28, 117012 065443, 11 7012023673	M.Nishar Ahamed, N. Murugappan , G.Purush oth, S. Prithivi rajan, D.S .Balakowsh i

2018	Third Position in Chess Competition in FIDE rating chess Tournament – 2018,at VIT, Vellore (24.8.18 to 26.8.18)	International	1	Nill	11701202 3673	D.S.Bala kowshi
2018	First Position in Personna in Catharsis 2K 18 National level cultural meet - Tamilnadu (15.9.18	National	Nill	1	11701190 1077, 1180 11901078	D.Vinitha, Abirami
2019	Received the honour of training & Participating in NCC -Republic Day Parade Camp -New Delhi (18.1.19 to 29 .1. 19)	National	1	Nill	11701101 2531	B.Kavimu hil
2019	First position in HOT & SPOT event at National level Intercollegiate competition in CISTA 2K19 at PMIST(26.2.19)	National	Nill	1	11701216 2034	A.Ezhila zhagan
2019	Third Position in ADZAP	National	Nill	1	11701116 2050, 1170 11162038,	K.Priya, A.Lisy Sophia,

					1170111620 49	M.Oviya
event in the National level technical symposium -PIXEL 19 at PMIST (5.3.19)						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

In line with the UGC directions, recommendations of Lyngdoh Committee Report and the orders of the Honourable Supreme Court of India, PMIST conducts elections for the members of the students' council. It is conducted in a transparent manner during August, every year. Performances in Academic, Curricular, Co-curricular, Extra-curricular and other activities form the basis for the eligibility to contest. Class representative are elected as council members from among the eligible contestants. They in turn elect the chairman and other office bearers of the council. Both the genders are represented in the IQAC with the induction of the Chairperson and another member of the council, as a fair representation. The Functions of various bodies wherein students are represented: • Students Council functions as a bridge between institute and students. It supports in conducting the events in the campus like Periyar Annual Cultural Events (PEACE), Annual sports meet, Open House exhibitions, Science Day and Students symposium etc. Institution funds the Students Council in organizing all the events and meetings. • Anti-ragging committee comprises three student members representing First year, Second year and Third year. Whenever enquiry related to Ragging is conducted, the Anti Ragging committee members play a crucial role while representing student community. • Each department has got its own students association which helps the students to actively participate and organize various events. To mention a few departments and events: Architecture dept,-FoPears, EEE dept.-Synergy, Civil dept.-Civil Engineering Student Association, Commerce dept.-Commerce Association. • In IQAC meetings the student representative acts as the voice of the students. They also get exposed to the first hand understanding of the mechanism of the management/ administration of the institution.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

PMIST Alumni Association known as Periyar Maniammai Alumni Association (PMAA) is a registered society under Tamil Nadu Society Registration Act, bearing the Regd. no. 35/2015. PMAA has an Executive Committee consisting of President, Vice-President, Secretary, Joint Secretary, and a Treasurer as office bearers along with Seven other Members. They collectively carryout the association activities effectively and efficiently by organizing alumni get-togethers, guest and special lectures by alumni, arranging alumni as resource persons in seminars/workshops and conferences. The alumni as stakeholders are actively involved in Board of Studies, and other administrative bodies of the Institution providing continuous feedback for the improvement of their alma-mater. A member of PMAA represents in IQAC which is responsible for overall improvement of the quality of education. They directly or indirectly contribute for the admission of the students. Some members help also financially. The alumni of PMIST are spread across the world. They excel in their respective

field wherever they are. PMAA is functioning well in various countries like Singapore, Malaysia Canada, USA, New Zealand, Australia etc., with respective chapter. The registered office of the PMAA is at PMIST, Thanjavur. Many alumni are well placed in top posts in India and abroad. Some are placed in uniformed Services like Police as IPS officers, defense as Commissioned officers, as well as District Administrators as IAS officers. There are many alumni in State Government services as Engineers in PWD, TNEB etc., and Central Public Enterprises like BSNL, VSNl etc., Alumni conduct various functions and get-togethers periodically spreading the rationalist thinking and scientific temper as contemplated by the founding father Thanthai Periyar. Some statistics about well placed alumni are: IAS, IPS, Defense Service, Deans, Principals and Industrialists. In the last one year, Alumni Association and various departments of the institution jointly arranged 16 alumni meets. Many of the faculty members are themselves alumni, contributing substantially for the development of the institute. Silver Jubilee of the alumni (First batch of the institution) was celebrated by the alumni association in a grand manner at the campus on August 3rd and 4th 2018. The reunion was arranged by/for the 1991-1993 batches of students (at that time the institution was an engineering college for women). 58 alumni from USA, UK, New Zealand, Singapore, Malaysia and Australia as well as from within the country took part during that get-together. Alumni contributions during the year includes 1. PMCTECH /PMIST 1989 – 1993 batch alumni endowment contribution - Rs.3 Lakhs.

5.4.2 – No. of registered Alumni:

1116

5.4.3 – Alumni contribution during the year (in Rupees) :

300000

5.4.4 – Meetings/activities organized by Alumni Association :

Total Number of Meetings Organised: 16 • The Alumni meet of CSE Department held on 3.8.2018 at PMIST campus. The meeting discussed about various subjects like information technology, job opportunities and career opportunities in the software companies etc., The alumni assured to help placement for students. • The Alumni meet of the Department of Software Engineering held on 29.8.2018, Alumnus Mr.Vishu Prakash, programmer, Polaris, Chennai, explained various advancement in industry especially in technology and software. He motivated the students to learn the latest software use in the software industry. Again during their alumni meet on 5.9.2018, Alumnus Ms.S.Hellina QA Lead, Sintel Technology Pvt Ltd, Bengaluru interacted with the students and motivated them about data science. Again on 23.10.2018, Mr. Muthu, team lead, CMC Corporation, Chennai interacted with students and motivated them about emerging technologies in computer networking. • During the Alumni meet of Department of Electrical and Electronics Engineering on 10.3.2019, few alumni delivered lectures on the importance of choosing right path of the career by the students. They highlighted the importance of communications skills to the students. • During the Alumni meet of Department of Social Work held on 19.4.2019, Alumnus Mr. Karthik suggested for having skype calls in the coming alumni meets, so that the alumni who could not attend the meet can also participate virtually. From the forthcoming alumni meet "Best alumni award" has been proposed and decided to form a selection committee to select the best alumni. • In the Alumni meet of Department of Commerce held on 26.4.2019, alumni expressed that how PMIST curriculum and syllabus were helpful for them while doing their higher studies. They also addressed the juniors to make use of the resources available on campus and make use of the time available to carve out their future. • The Department of Architecture conducted alumni meet on 28.6.2019, in which the idea of an alumni lecture series was discussed and scheduling of the same was

planned. Dept faculty suggested for archiving of all the department achievements at the verge of entering into the Silver Jubilee year and a workshop. • In the Department of Aerospace Engineering held on 29.06.2019, Mr. N.Sundaresan (2015) CEO M/s Aerostat Drones suggested to provide OJT for students in order to improve placements. Ms.Anuja Kannan (2011-15) founder of M/S Dronera Indigenes suggested improving the Entrepreneurship skills for students. Ms.S.Manju Priya (2012-16) shared her views about all facilities in the Aerospace department.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

PMIST is being governed by an independent non-profit society/trust with members from various walks of life. The management of this higher educational institute strongly advocates the doctrine of delegation / de-centralization of authority and accountability with appropriate empowerment to the administration. This inclusivity and synergy in the collective management immensely enhances the effectiveness and efficiency of the quality of higher education at PMIST. However, the following authorities take care of the participative and Decentralized management of PMIST, in accordance with the UGC regulations. The decision/ authority flow is multidirectional i.e. top-down, bottom-up and lateral ones, taking every section / aspect into account. ? Board of Management (BoM) ? Academic Council (AC) ? Planning and Monitoring Board (PMB) ? Finance Committee (FC) ? Board of Studies (BoS) ? IQAC ? Students council ? Quality Circle ? Different committees dealing with the discipline and enforcement of rules and regulations formed under the directives of statutory bodies. The two following practices are detailed: 1. Curriculum / Syllabus / Programme design and development: The curricula, syllabi and even the programmes are designed, developed and inducted into. They are periodically revisited and revised by updating in line with the requirements and demands. The feedbacks from various stakeholders like parents, students, faculties, industrial experts, alumni are gathered, analyzed and adopted for the improvement of the programmes. The suggestions are put forward to Class Advisory Committee and then to, BoS. After detailed study the changes are suggested to the Academic Council and then to Board of Management for review and ratification with or without their own improvements. Then the approved improvements for enriching the syllabi and Curricula are incorporated as revisions. The new programmes recommended are introduced after the approval of the statutory bodies like AICTE/UGC etc. Thus the entire activities of revisiting the curricula development are appropriately decentralized with adequate checks and balances. 2. Active Participation in General Administrative Decision Making Process: The general administrative decisions are carried out in a multi-directional mode- both Top-down and Bottom-up as well as Lateral entity. The HoDs conduct meetings with their faculties and staff for suggestions and means of improvements for enriching and enhancing the quality of education at PMIST. They may include the infrastructure and logistical support requirements. They in turn are referred to the Council of Deans for further study and analysis. The refined requirements are forwarded to the Academic Council and then to BoM for their ratification. As an overall empowerment the faculties and staff are inducted into the following different representatives as a participative management process that is open and transparent with the involvement of every section. Quite a few committees are represented with students also. • Admission Cell Committee • Anti-Ragging Committee • Student Council members • Student Grievance Redressal Committee • Research Advisory Board • Examination Committee • Board of Studies members • Internal Quality Assurance Cell Committee Member • Student Disciplinary Committee • Department Advisory Committee • Members in Quality Circle • Energy

| | Conservation Committee • Building Committee • Gender Champion • |

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Human Resource Management	Orientation programme is conducted to acclimatise the new staff to the institution environment and culture. The requirement of new teaching and non teaching staff is done to ensure the appropriate manpower been distributed as per the norms to department.
Industry Interaction / Collaboration	START (Students Taking Active Role Together) group along with Centre for University Industry Interaction(CUII) enhance skill development for campus placement. Corporate trainers are engaged to impart soft skill to the student.In Plant Training are given to student of all years which has given the industrial exposure. Students are encouraged to collaborate with industries for join research activities
Admission of Students	In order to improve the students admission ratio, the institution has introduced various types of scholarship schemes for the benefits of the students. During the centenary year of Annai Maniammaiar, fee waive is introduced for those who wishes to avail our college hostel facility for the girl students.
Curriculum Development	Curricula design is prudently and meticulously taking into account every suggestion in every aspect of teaching – learning process that enhances and enriches the quality of education through the development of knowledge and skills that meet the requirements of the industries and employers. The inputs are revisited and revised by suggestions from all the stakeholders like students, parents, faculties, DAC, BoS, IQAC etc. The curriculum is an integrated balanced structure with inclusivity of practical and theoretical parts adequately giving importance to the expectations for enhanced job opportunities. Value added courses are arranged for the interested for better competitiveness. In addition Advanced Learners are encouraged to

		take up online courses like MOOC NPTEL, to get additional credits. Further Open Electives are offered to select the subject as they like/want.
	Teaching and Learning	The Teaching-Learning process has undergone a total change with the emphasis shifting from "Teacher Centric" to "Student Centric". This shift in orientation has provided faculties to adopt innovative pedagogical approaches for the improvement of the entire learning process. ICT applications in the classrooms has become a routine one now. The self learning from the website and the FDP courses strengthen further the faculties' caliber and ability. Virtual learning like Google Classes and net-based studies inculcate the culture of life-long learning. About 20 of the syllabi are from the e- media and hence, contemporary. Flipped Classrooms, Mind Mapping, Jig saw, Student -Teacher etc., make the teaching-learning conducive, participative and way ahead with time/in tune with time.
	Examination and Evaluation	Continuous assessment and general grading in line with the regulations of the statutory bodies are being adopted for the OBE system at PMIST. The questions papers and evaluated answer sheets are vetted by designated external experts, to make the exam system appropriate and effective without any bias or mal-practice. In addition Moderation and Result Passing Boards oversee the efficiency of the evaluation to ensure correctiveness of the system. Further the students are eligible to get photocopy of the answer-scripts for their verification and satisfaction. The marks are entered online with the help of BRAIN software with its own checks and balances. The results are published within 15 days after the end of exams, thus making the entire exam system transparent and error free. Fast-track exams are conducted for the arrears of the outgoing students, so that they are not far behind their classmates. The performances of the students and the effectiveness of the exam system are reviewed in the IQAC meetings for any mid-stream improvements.
	Research and Development	PMIST has got a well defined Research

	Policy and Regulations in line with that of the UGC guidelines. Similar policy guidelines are also in vogue for the Consultancy and Project Management. The Research focuses on all the categories like Fundamental, Applied and Project and Experimental Researches. PhD research caters to the part-time and full-time scholars, whereas MPhil allows only full-timers (as per 2016 UGC regulations). To encourage the research scholars seed-money, recognition, and awards for research performance are offered. Bosch Rex lab- an integrated lab facility- was established for the benefit of researcher. Part-time teaching assignments with monitory benefits are offered to encourage "earn while learning". Research Advisory Committee continuously monitors the progress and the research methodology and initiates appropriate improvements. Workshops and lectures are arranged on the latest trends on the research, Intellectual Property Rights and Patents Registration, so that the scholars are well versed with such aspects also. PMIST Innovation Council is a highly rated (2 stars) and recognized unit of MIC by MHRD Cell, which boosts the morale of the researchers to take part in all the events of MIC. Projects and consultancy based researches that would take PMIST to a higher pedestal are also encouraged.
Library, ICT and Physical Infrastructure / Instrumentation	Library has a robust system of management, well structured with periodical reviews. The library review committee not only revisits the progress but also follows-up the procurement of books and other reading material as recommended by various authorities. It occupies an area of 2620 sq.m in three floors. It contains 91,865 volumes of books, 3,626 back-volumes, 1,678 CDs and 182 Videos. It has subscribed to 308 National, International Journals, e-journals and e-databases. It is a member of DELNET, British Council Library, and Tamil University Thanjavur Library. It also has an inter library loan facility amongst the member libraries. It also uses BRAIN software for its administration through e-governing. Wi-Fi and internet facilities are available at the library.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	Programme Outcome, Programme Educational Outcome, Programme Specific Outcome been displayed in the institution web site. www.pmu.edu Workload of each department been displayed in the website www.pmu.edu
Administration	With the assistant of BRAIN Software V2.16 all administration pertaining to academic and non academic were carried out using this software. At any moment a report can be retrieved to see the status
Finance and Accounts	All modules of finance and accounts section are handled by the Brain software
Student Admission and Support	All the data and details related to Student admission and support are carried out by contineo software
Examination	All entries pertaining to Formative Assessment and Summative Assessment are made on online and processed using appropriate softwares. Students use digital mode to remit exam fee and other fees. The daily attendance of students is marked in "BRAIN" software. Automated softwares are used in analyzing the examination related data and thereby ensuring system is transparent and error free. The academic records uploaded into the NAD Portal and thereby, all the stakeholders can easily access their academic records.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Mr.R.K.Muthuraman, Mr.I.Karthic Subramaniyan, Dr.S.P.K. Babu, Mr.C.M.Vivek	International Seminar on "75 Student's Satellite Mission:2022"	Indian Technology Congress Association (ITCA)	67000
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	One Day Workshop On Curricular Aspects(Resource: IQAC)	Nill	07/03/2019	07/03/2019	45	Nill
2019	One Week Workshop on Statistical Tools in Research Methodology	Nill	07/01/2019	12/01/2019	47	Nill
2019	Moodle Learning Management, IIT Bombay	Nill	15/03/2019	15/03/2019	36	Nill
2019	Two Day Management Development Programme on Teaching Learning Process	Nill	16/08/2019	17/08/2019	46	Nill
2018	Web Development	Nill	19/09/2018	19/09/2018	2	Nill
2018	Cloud Computing	Nill	24/10/2018	24/10/2018	11	Nill
2019	Two Day Seminar on Technology Enable Teaching Learning Strategy towards Quality Enhancement in Higher Education	Nill	11/04/2019	12/04/2019	51	Nill
			[View File](#)			

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Workshop on Hadoop (Hortonwoks) organized by ICT Academy of Tamil Nadu	6	11/12/2018	15/12/2018	5
One Week Workshop on Statistical Tools in Research Methodology	10	07/01/2019	12/01/2019	6
Two day seminar on Technology enabled Teaching Learning Strategies Towards Quality Enhancement in Higher Education	9	11/04/2019	12/04/2019	2
Short term course on Lab on Chip Application of Bio physics	1	02/02/2019	06/02/2019	5
Two days National Conference on Sustainable Development through Technology and management	11	10/10/2018	11/10/2018	2
UGC Sponsored Herber National Conference on Ensuring Environmental S ustatainability	1	22/03/2019	23/03/2019	2
Aassaan Educare Foundation On day Workshop Successful accreditation	3	02/02/2019	02/02/2019	1
Two day International	3	12/03/2019	13/03/2019	2

Conference on Innovative Technologies in electronics and health care				
Two day International Conference on Environment and nature science	3	12/03/2019	13/03/2019	2
Faculty Development Program on Student Induction Program	1	20/08/2019	22/08/2019	3
AICTE Sponsored 7 – day Faculty Development Programme on Student Induction Programme	1	17/06/2019	23/06/2019	7
International Conference on Computing and Computational Methods	2	11/12/2018	11/12/2018	1
nternational Conference On Mathematical Methods And Computation	2	20/02/2019	21/02/2019	2
International Workshop on Global supply chain management and DEA	1	11/03/2019	12/03/2019	2
Two Day International Conference on Advances in Business Management	10	12/03/2019	13/03/2019	2
Workshop on Real Analysis	1	22/02/2019	22/02/2019	1
Maths Mela and Ramanujan Memorial Lecture	1	22/12/2018	22/12/2018	1
Seminar on Technology	9	11/04/2019	12/04/2019	2

enabled Teaching Learning Strategies towards Quality Enhancement in Higher Education				
Multivariate Data Analysis	1	03/12/2018	07/12/2018	5
Recent trends in Architecture and civil engineering towards Energy efficient and Sustainable Development	1	10/01/2019	12/01/2019	3
Technical Seminar 2019 on post tensioning slabs in buildings	4	02/02/2019	02/02/2019	1
Learning Through Research in Landscape And Conservation	1	25/02/2019	01/03/2019	5
Education and enhancing employability of education for education 4.0 world	6	05/04/2019	05/04/2019	1
Material Testing and Cha racterization	1	14/12/2018	15/12/2018	2
Two days workshop on Internet of Things organized by Technologies solutions, NIT Trichy	1	16/02/2019	17/02/2019	2
Photographic Techniques	1	08/02/2019	08/02/2019	1
Challenges and Changes in Evaluation System	1	26/02/2019	26/02/2019	1
Workshop on Moodle Learning Management	4	15/03/2019	15/03/2019	1

System organized by IITB, Mumbai				
Regional workshop on Science writing / Journalism	1	12/02/2019	13/02/2019	2
Technology beyond gigabit in Passive Optical Networks	2	05/07/2019	05/07/2019	1
Recent Trends in Advanced Electronic Design	4	20/07/2018	20/07/2018	1
LiFi Technology	3	20/07/2018	20/07/2018	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
167	6	239	11

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Employee Provident Fund Group Insurance Saving linked Insurance Scheme and Safety Insurance Group Gratuity Scheme Employees Deposit Linked Insurance Group saving linked insurance scheme	Employee Provident Fund Group Insurance saving linked Insurance Scheme and Safety Insurance Group Gratuity Scheme Employees Deposit Linked Insurance Group saving linked insurance scheme	Student safety Policy Scheme

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Internal and External Financial Audits are connected regularly. Internal Financial Audit is conducted every month by an external audit expert CA S.Vengatesan, auditor of KSV Associates Chennai and based on the audit report necessary actions are taken. External Financial Audit is a statutory one conducted once in a year by an external audit expert Auditor R.Ramachandran of Ramachandran Co Associates, Chennai. After the annual audit, the annual income tax returns are filed on or before 30th September every year by the auditor.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Individuals	127300	National Conference, Symposium, Workshop and Gaja Cyclone

6.4.3 – Total corpus fund generated
0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	PMIST	Yes	PMIST
Administrative	Yes	PMIST	Yes	PMIST

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Not Applicable

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

• Parents have become supportive members of department advisory committees. • Parents have been inducted as members in the IQAC • Parents have volunteered to arrange and recommend industries for the students' Industrial Visits.

6.5.4 – Development programmes for support staff (at least three)

• Tamil Language Typing courses • Basic Computer Knowledge classes • Coral Draw Practical trainings

6.5.5 – Post Accreditation initiative(s) (mention at least three)

• Individual Cabins are provided for faculty members • Cadre Ratio has been improved in almost all the departments • Green Audit was practiced and maintained Girls and Boys Hostels were renovated to have better ambient Maternity leave is given as per the rules

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	No

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Workshop on Financial Literacy for Non-Teaching staff	26/10/2018	24/09/2018	26/09/2018	24
2019	One Day Workshop on Curricular Ascepts	26/04/2019	07/03/2019	07/03/2019	39
2019	Two Day Seminar on	26/04/2019	11/04/2019	12/04/2019	51

	Technology Enabled Teaching Learning Strategy towards Quality Enhancement in Higher Education				
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Motivational programme on "Together We Can Make a Difference"	19/07/2018	19/07/2018	130	370
Rally to observe Anti Human Trafficking Day	26/07/2018	26/07/2018	250	350
Two days' workshop on Protection of Children from Sexual Offence Act – 2012 and Juvenile Justice Act for the Police department	18/08/2018	18/08/2018	12	23
Awareness programme on HIV – AIDS at Muniyandavar Colony, Thanjavur	25/09/2018	25/09/2018	22	18
International Girl Child Day	11/10/2018	11/10/2018	180	120
Rally on Child care and protection in the streets of Manaiyeripatti	22/10/2018	22/10/2019	90	60
Awareness programme on	22/10/2018	22/10/2018	80	70

Child care and Protection for Rural public at Manaiyeripatti				
Programme on Gender Sensitization	05/11/2018	05/11/2018	3	27
Gender Sensitization Programme - The effect of Gender inequality on health	09/11/2018	09/11/2018	28	39
Gender Sensitization Programme - Gendered arrangements of work and care	22/11/2018	22/11/2018	56	45
CHILDLINE open house programme on Child Care and Protection at Marungulam, Thanjavur	25/01/2019	25/01/2019	26	19
National Girl Child Day at Bon Secours College, Villar, Thanjavur	29/01/2019	29/01/2019	600	Nill
Awareness programme on "Technological Abuses" at BarathaMatha Matriculation School, Muniyandavar Colony, Thanjavur	07/02/2019	07/02/2019	62	88
Programme on Alcoholism and Responsibility of the Family Members at Thir uvalampozhil, Thiruvaiyaru	09/02/2019	09/02/2019	30	Nill
Special lecture Programme on Gender Equality:	10/12/2018	10/12/2018	65	35

Problems and Perspectives				
Open house programme on Child Care and Protection	26/12/2018	26/12/2018	22	18
Programme on "Stress Management and Relaxation Techniques" at Vidivelli Special School, Trichy	11/02/2019	11/02/2019	30	20
Gender Sensitization Programme- Harmful traditional practices	26/03/2019	26/03/2019	6	31
Gender Sensitization Programme- Economic empowerment of women	22/03/2019	22/03/2019	31	9
Gender Sensitization Programme - Freedom of movement	26/03/2019	26/03/2019	15	63
Foe to Friend	09/08/2018	09/08/2018	3	65
Brotherhood	07/09/2018	07/09/2018	28	35
Sex Determination	11/02/2019	11/02/2019	30	38
Programme on "Alcoholism and Responsibility of the Family Members" at Asoor	12/02/2019	12/02/2019	27	23
Gender Sensitization Programme - Investigation and prosecution of crimes against women and girls	21/02/2019	21/02/2019	34	33
Open house programme on"Child Care and Protection"	23/02/2019	23/02/2019	35	20

at GAJA Cyclone affected area Latchathoppu, Pattukkottai				
Gender Sensitization Programme- Reproductive and sexual health and rights	25/02/2019	25/02/2019	60	16

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

• The rainwater harvested and collected in the sumps is directly used to irrigate lawns. To conserve water, sprinklers are used for 40,000 litres per day. Also Drip irrigation of about 2, 50,000 litres per day, is adopted for vegetable farming. • Conventional and non conventional bulbs/lights are replaced with LED lights. • The waste paper generated in the campus is processed and recycled into articles such as files, paper bags, packing materials etc. • Sewage from various buildings is fed into the bio methanation plant for generating biogas and vermiculture. • 6.13 Percentage of power requirement of the Institute is met by the renewable energy sources:

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	4
Ramp/Rails	Yes	4
Rest Rooms	Yes	4
Scribes for examination	Yes	Nill
Physical facilities	Yes	4

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	20/12/2018	1	Clean India programme Palayapatti south village	Municipal solid waste Management training	15
2018	1	1	21/12/2018	1	Clean India programme (Swachh Bharat) at Gomapuram	Municipal solid waste Management training	10

						village	
2019	1	1	31/01/2019	1	Socio Economic Survey Achampatti	Data Collection from houses	90
2019	1	1	10/02/2019	1	Medical camp at Kuruvadipatti	General Medical Camp for children and general public and cancer screening	150
2019	1	1	08/04/2019	1	Vermi compost Training	Training Programme on waste management, Vermi compost production	13
2019	1	1	21/04/2019	1	Launching of SKI NSLV 9 Maniammaiyar Satellite	All women to launch Balloon Satellite. to Max. altitude of 103000 ft.	500
2019	1	1	13/07/2018	3	Awareness programme on Child Care Protection and CHILDLINE – 1098	Awareness on Child Care Protection	500
2018	1	1	17/07/2018	1	Open house programme on Child Care and Protection at Eluppatti village	Awareness on Child Care Protection	120
2018	1	1	15/08/2018	1	Vermi compost Training	Training Programme on waste managemen	30

						t, Vermi compost production	
2018	1	1	22/07/2018	1	Rural Medical Camp at Jeyankondam	General Medical Camp for children and general public and cancer screening	180
2018	1	1	25/09/2018	1	Vermi compost Training	Training Programme on waste management, Vermi compost production	30
2018	1	1	28/07/2018	2	Two days' workshop on Protection of Children from Sexual Offence Act – 2012 and Juvenile Justice Act to the Police department	Awareness on Child Care Protection	65
2018	1	1	03/08/2018	1	Medical Camp at Kutralam	General Medical Camp for children and general public and cancer screening	350
2018	1	1	26/08/2018	1	Medical Camp at Manganoor	General Medical Camp for children and general public and	375

						cancer screening	
2019	1	1	23/02/2019	1	Special Medical camp at Thanjavur	General Medical Camp for children and general public and cancer screening	452
2018	1	1	25/12/2018	1	Vermi compost Training	Training Programme on waste management, Vermi compost production	50
2019	1	1	07/02/2019	1	Swachh Bharat in Kuruvadipatti	Municipal solid waste Management training	15
2019	1	1	09/02/2019	1	Training programme on "Child Protection Laws" to the CHILDLINE team members at SHED India	Awareness on Child Care Protection	9
2019	1	1	19/02/2019	1	Awareness programme on "Technological Abuses" at Bharathidasan University Constituent College for Women, Orathanadu	Awareness on Child Care Protection	60
2019	1	1	15/03/2019	1	Community Organizat	Awareness on ill	70

					ion programme on "Ill Effects of Alcoholism" at the link foundation – De Addiction cum Rehabilitation centre, Ampattur	effects of Alcoholismion	
2019	1	1	17/03/2019	1	Maniammaiyar Birthday Special Medical camp at Thiruverambur	General Medical Camp for children and general public and cancer screening	167
2019	1	1	23/03/2019	1	Open house programme on "Child Care and Protection" at Periyathaikal, Thavalaipallam	Awareness on Child Care Protection	40
2018	1	1	28/08/2018	1	Awareness programme on Child Care Protection and Technological Abuse at Abi Abi Arts and Science College, Thanjavur	Awareness on Child Care Protection	140
2018	1	1	09/09/2018	1	Two days' workshop on Protection of Children from Sexual	Awareness on Child Care Protection	36

2018	1	1			Offence Act – 2012 and Juvenile Justice Act to the Police department		
2018	1	1	21/09/2018	2	Two days' workshop on Protection of Children from Sexual Offence Act – 2012 and Juvenile Justice Act	Awareness on Child Care Protection	107
2018	1	1	21/10/2018	1	Medical Camp at Kottarappatti	General Medical Camp for children and general public and cancer screening	240
2018	1	1	27/10/2018	1	Open house programme on Child Care and Protection at Vadakkur	Awareness on Child Care Protection	40
2018	1	1	28/10/2018	1	Waste management and vermi compost training	Municipal solid waste Management training	74
2018	1	1	18/12/2018	1	Vermi compost Training	Training Programme on waste management, Vermi compost production	53

2018	1	1	25/11/2018	1	Medical camp at Puthagarm	General Medical Camp for children and general public and cancer screening	290
2018	1	1	14/12/2018	1	Training on Child Women welfare and networking and linkages	Awareness on Child Care Protection	23
2018	1	1	18/12/2018	1	Vermicompost Training	Training Programme on waste management, Vermi compost production	53

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Students Conduct And Disciplinary Code	18/06/2018	Code of conducts including the dress codes for boys and girls are highlighted in the Academic Annual Calendar. The rules and regulations to be followed by the students for smooth functioning of the institute are also listed in the calendar
Code Of Ethics For Staff	18/06/2018	Similarly dress code and other ethical codes are incorporated in office orders and byelaws of the Institute.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Personality development programme sponsored by The Hindu and Gillete	27/08/2018	27/08/2018	200

Debate on "Whether the principles of Mahatma Gandhi are followed in today's generation or not?"	14/08/2018	14/08/2018	50
Training Programme on production of Vermicompost	15/08/2018	15/08/2018	30
Medical camp conducted in Manganoor	26/08/2018	26/08/2018	500
Awareness Programme on Role and Responsibilities during the operation of the Bus service for the Transport incharge, Drivers and Bus Operators	09/06/2018	09/06/2018	15
Lecture on Forgiveness	03/09/2018	03/09/2018	35
Webcast live of the Drug free India Campaign Launch programmes which was schedule at Haryana state and viewed by all Student council Representatives, PMIST	19/02/2019	19/02/2019	70
Medical Camp at Coonoor	09/09/2018	09/09/2018	206
Periyar 140th Birthday Celebration – Lecture on "Periyar – A Human Right Agitator	14/09/2018	24/11/2018	59
Lecture on Living in Peace	14/09/2018	14/09/2018	67
Swachh Bharat in Kuruvadipatti	07/02/2019	07/02/2019	15
Camp on Eye check up	27/06/2019	27/06/2019	75
A talk on The rewards of sincerity	28/01/2019	28/01/2019	60

Event	Start Date	End Date	Count
Socio economic survey at Achampaati	31/01/2019	31/01/2019	200
Medical camp at Kuruvadipatti	10/02/2019	10/02/2019	150
A talk on Gaining Confidence	11/02/2019	11/02/2019	58
A talk on Truthfulness	18/02/2019	18/02/2019	72
A talk on Self Worth	18/02/2019	18/02/2019	69
Webcast Live of the DrugFree India Campaign launch programme	19/02/2019	19/02/2019	70
Special Medical camp at Thanjavur	23/02/2019	24/02/2019	452
Guest lecture and training on Kerala Ayurvedic traditional therapy	23/02/2019	23/02/2019	50
Lecture on Human Rights Act 1993	09/01/2019	09/01/2019	44
Community Organization programme on "Reduce Reuse Recycle" at community centre, koyambedu, Chennai	19/03/2019	19/03/2019	40
Celebration of World water day	22/03/2019	22/03/2019	50
International Women's Day	08/03/2019	08/03/2019	170
Community Organization awareness programme about District Mental Health programmes at Pallavakkam, Chennai	28/03/2019	28/03/2019	37
Training Programme on Vermicompost production	08/04/2019	08/04/2019	11
Lecture on Truthfulness	08/04/2019	08/04/2019	65
A talk on Why to forgive	08/04/2019	08/04/2019	68

Lecture on World Health Day programme	10/04/2019	10/04/2019	300
Training Programme on Waste Management and Vermicompost production	25/12/2018	25/12/2018	50
Special lecture on constitutional values and legal rights for women	27/12/2018	27/12/2018	70
Lecture on Exercising Tolerance	03/01/2019	03/01/2019	37
Lecture on SwachhBharath for student representative of PMIST	24/08/2018	24/08/2018	60
A talk on Humility	04/01/2019	04/01/2019	65
A talk on Caring Sharing	04/01/2019	04/01/2019	37
Interaction programme on "Importance of Science and Technology" at Government Higher Secondary School	12/03/2019	12/03/2019	160
Hon'ble Prime Minister interaction programme with students during ParikshaPeCharcha 2.0 telecasted through Media club, PMIST	29/01/2019	29/01/2019	120
Celebration of Road Safety Week	07/02/2019	07/02/2019	320
Lecture on Teaching Learning and Class room Management for the junior faculty members by Mr.B.Vijayakumar, General Manager, Air India Retd., Vel Group of Schools at PMIST	26/02/2019	26/02/2019	30

A Play prepared by Media Producers Club in Commemoration of 150th birth anniversary of Mahatma Gandhi	27/08/2018	27/08/2018	25
Special Medical camp at Thiruverambur	17/03/2019	17/03/2019	110
Medical camp at Puthagaram	25/11/2018	25/11/2018	290
Special medical camp on Diabetes	29/11/2018	29/11/2018	60
Chancellor's 86th Birthday Celebration, Science Development Day Scholarship day	29/11/2018	29/11/2018	500
World Aids Day celebration	30/11/2018	30/11/2018	124
Two Session of parents meeting at PCHSS Trichy, Parents roll on their childrens School Life	09/06/2018	09/06/2018	110
Training Programme on Vermicompost production	18/12/2018	18/12/2018	53
Awareness programme on Anticorruption movement	19/12/2018	22/12/2018	50
Clean India programme at Palayapaati south village	20/12/2018	20/12/2018	60
Lecture on Truthfulness	20/12/2018	20/12/2018	41
Periyar 45th Memorial Day Special lecture entitled with "What are the needs on now a days by Periyarism".	24/12/2018	24/12/2018	400
General Medical Camp at Jeyankondam	22/07/2018	22/07/2018	180
Book release translated English	22/07/2018	22/07/2018	400

version of "The Brahmin in the Tamil Country" Historical Research book			
Motivational programme on "Face the Change"	23/07/2018	23/07/2018	500
A talk on Speaking Truth	23/07/2018	23/07/2018	55
A Lecture on Practicing Kindness	24/07/2018	24/07/2018	174
Two session at PHCSS, Trichy for children of 5th std. on counselling	07/08/2018	07/08/2019	140
Two session focusing on Academic Achievements for 9th , 10th 11th students for girls and boys at PHCSS, Trichy	09/06/2018	09/06/2018	120
General Medical Camp Kutralam	03/08/2018	03/08/2018	350
Lecture on Importance of Human Values	08/08/2018	08/08/2018	70
A talk on Overcoming Fear	09/08/2018	09/08/2018	62
Lecture on Psyco Social factor on teacher student relationship for the teachers of Periyar Centenary Higher Sec, School Periyar Matriculation School by Counsellor PMIST	28/09/2018	28/09/2018	95
Special Lecture on "Youngsters like an Adelman". by Mr.P.Thirumavelan, Journalist	18/09/2018	18/09/2018	1000
Family Counselling for the Lady Employees of BHEL, Trichy	14/11/2018	14/11/2018	35
Psychology Approach to Herbal	24/11/2018	24/11/2018	8

Treatment class for the students of Diploma in Herbal Therapy			
Training Programme on production of Vermicompost	25/09/2018	25/09/2018	15
Lecture on Self Control	27/09/2018	27/09/2018	64
A talk on Dealing Failures	27/09/2018	27/09/2018	63
Awareness programme on "CHANGE IS IN OUR HANDS" at Sri Vengateshwara Orphanage home, Kaduveli	14/10/2018	14/10/2018	164
Medical camp at Kottarappatti	21/10/2018	21/10/2018	240
Awareness programme on Ethno Ethno Vertinary Medicine at Punganoor	23/10/2018	23/10/2018	200
Training Programme on Waste Management and Vermicompost production	28/10/2018	28/10/2018	74
Distribution of Nilavembu Kashayam	29/10/2018	29/10/2018	1000
Rashtriya Ekta Diwas Pledge Taking Ceremony at PMIST	31/10/2018	31/10/2018	89
Special lecture on the theme "Eradicate Corruption Build a New India"	01/11/2018	01/11/2018	25
Celebration of Pongal Vizha	11/01/2019	11/01/2019	1000
A talk on Self Discipline to students	08/11/2018	08/11/2018	64
A talk on Self Esteem to students	08/11/2018	08/11/2018	57
Special Lecture on Biomethanation and Biofuel at All India Radio Trichy	10/12/2018	10/12/2018	200

by Dr.J.Santhosh, PMIST			
Lecture on Why is life precious?	07/01/2019	07/01/2019	62
Lecture on What makes me happy?	21/01/2019	21/01/2019	65
Clean India programme at Gomapuram village	21/12/2018	21/12/2018	20
Herbal garden plantation	21/12/2018	21/12/2018	30
Maths Mela – Ramanujan Memorial Lecture on Friends with Maths	22/12/2018	22/12/2018	65
Best Book Award "Kambarin Marupakkam"and "Adhikka Jathigalukku mattumea avar Periyara"? Recipient address delivered by the respective book authors Pullavar A. Pazhani Journalist P.Thirumavelan.	28/02/2019	28/02/2019	400
Motivational programme on Importance of Higher Education to the students of Achampatti Government High School	06/03/2019	06/03/2019	48
Annai E.V.R Maniammaiyar Centenary Celebration Special District Level Speech Competition Essay Competition	08/03/2019	08/03/2019	41
Medical camp at Muthuveerakandiyanpatti	26/05/2019	26/05/2019	150
International yoga day	21/06/2019	21/06/2019	500
[View File](#)			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Use of motor vehicles is restricted inside the campus

- Different varieties of Bamboo are cultivated in 10 acres in the institute under the funding of National Mission on Bamboo Applications (NMBA), Government of India. Each bamboo clump liberates 850 grams of O2 per day. The bamboo cultivation is maintained properly.

- Wastewater is being recycled and utilized for gardening. As a conservation measure, water sprinklers and drip irrigation are followed.

- Move towards plastic free campus.Plastic carry bags are banned in the campus.

- Increasing the use of Energy Efficient Light Bulbs, appliances and gadgets to reduce energy consumption.

- Adopting recycled paper bags, files, pads, etc.,

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1 Innovation and Startup Entrepreneurship: Context: Modern trendy approach of the higher education institutes around the world is innovation and startups, which provide the impetus for growth and a must even for the very sustenance. PMIST is not far behind in realizing this fact and follows the innovation and startup as two barreled gun for survival and expansion. Accordingly, the institution provides all that are needed for active innovation through research. The very Motto of PMIST – Think, Innovate, Reform – reflects the culture of converting the ideas into need based projects that uplift the standard of the society by enriching the quality of life. In order to achieve the promotion of innovation among the students, PMIST has started Institution Innovation Cell (IIC) as per the directions of MHRD. The PMIST IIC encourages and helps the students to work with new and innovative ideas through seminars/ workshops on innovative and entrepreneurship processes and activities. Objectives : ? To explore, encourage, and ensure that the right environment for converting the creative thinking/ ideas into innovations are provided and persisted ? To envisage that the research, consultancy and project execution enhances the avenues for more and more focused on innovations ? To envision that the innovative creations result into society based entrepreneurship ? To enable that the innovations lead to startup businesses providing more employments ? To establish Institute Innovation Cell (IIC) as contemplated by MHRD to institutionalize the innovation process. To enlist the IIC with the MHRD's Innovation Cell (MIC) for nationalize and standardize the process.To register with the Atal Ranking of Institutions on Innovation Achievement (ARIIA) that helps to establish startups. To associate with MIC and ARIIA continuously for expanding the areas of innovative research with their support and exposure to other similar institutes Process: As per the directions PMIST's IIC has registered with MHRD' MIC on 21 November 2018 with the number IC 201810657. This provides an opportunity to take part in the programmes and events of MIC that shape and fine tune the innovation Process. They address and assist with various programmes such as Smart India Hackathon, National Student Startup Policy, Atal Ranking of Institution as on Innovation Achievements and in setting up IICs etc. PMIST IIC is headed by the President, the head of the institute (VC), two senior faculty members and 15 students along with an expert in IPR, CEO of Periyar Technology Business Incubator and an Industrialist. IIC conducts/ organizes workshops, seminars, and interactive sessions with industrialists, entrepreneurs, investors etc. IIC also provides a mentor pool for the innovators. In addition to the faculties and students the research scholars also participate in MIC, AICTE and MHRD sponsored / conducted programmes. Disease spreading avoidance system Problems Encountered and Resources Required: To enhance the efficiency and effectiveness of these bodies (IIC, MIC ARIIA) the following areas of improvements could be addressed to: Centralized programmes like leadership talk could be fine tuned to make it

better and more successful.The language of the talk should be English so that it is universally benefited. Motivation of the students for innovation should be more aggressive and concerted. Additional Incentives for more IICs could be an encouragement factor. IICs programmes could be tagged together with that of MIC ones.Increasing the number of competitive events would motivate the innovators Evidence of Success: Five hundred students, research scholars and faculties participated in various programmes and events. Students have the opportunity of listening to the talks of great leaders.Innovating thinking has been gradually inculcated among the student community. Students have developed the habit of asking questions, which require groundwork preparation beforehand. Due to this sustained efforts the Startups and Incubates will build up in number in the near future. Innovation developments in local ecosystem are gradually entering and increasing at the Institute. PMIST was awarded two stars because of substantial activities of IIC. It is a long journey in which PMIST is at the threshold / starting. Best Practice II Extensive Adoption to MOOC Courses This is an era of net age with/and netizens. Everyone for everything relies on e-based activities. This applies to knowledge acquisition as well. The students and the faculties both not only seek but also enlarge and enrich knowledge by continuously expanding the networks. Hence, it becomes an imperative and compulsion without an option, to provide and facilitate e-learning and e-teaching. This alone would transform the orthodox teacher oriented teaching to student centric teaching learning. It is all the more important for Choice Based (Credit) Education System with Credit and Outcome Based Courses having continuous evaluation of meeting the outcomes contemplated. Accordingly PMIST encourages the faculties and students, the extensive adoption and use of MOOC's free and paid online courses. This provides immense opportunities for the students to opt for any number of courses out of many offered/available ones. They have to only approach an appropriate website like www.udemy.com for the right information for learning from anywhere at any time. Objectives of Extensive Adoption to MOOC Courses as a Best Practice are: To expose the students/teachers to the current and additional courses available.To enlarge their knowledge domain with the vast and up to date knowledge that would enhance their self confidence and self esteem.To expand and enrich their self study skill, attitude with independent approach.To experiment/explore with modern ICT tools/ hardware and software during this study.To synergize and synchronize the teaching learning processes cementing the teacher and the students that would create a strong bond and strengthen the good rapport between them The Practice: The Most of the students of PMIST are from rural background and from Tamil Medium schools. Hence, the adoption of MOOC courses is concentrated on the English based ones. Since, they are wards of the poor agriculturists free courses are suggested first, instead of the ones with a fee. The students are advised to complete three courses first before going for five courses. This is to have a level playing between the slow and fast learners. These Language courses would enlarge and enrich their listening, speaking, reading and writing skills in English. Students not having laptops are advised and encouraged to download and install apps onto their mobile cells, tablets and PC, so that they learn the courses at their own time and place. They are asked to make notes of the lessons for effective participation during interactive discussions with the peers about the courses they had selected/ completed. Incidentally this would help the teacher in assessing whether the student is attentive and listening during the video lecturing. The understanding and grasp of the subject also could be evaluated from it. At the end Certificates are provided to the successful/completed students. Problems Encountered and Resources Required: However, the following constraints are to be tackled with adequate resources for the effective implementation and success of adoption of MOOC courses: Since the students are from rural areas they are not quite familiar with online courses. Hence, Laptops/Tablets/ PCs/ Smart Phones with internet facilities might be provided

to them to overcome the handicap of ICT usage. Quite often the network becomes an impediment for smooth operation. That needs to be addressed properly and set right for enabling the students to complete the courses in time. Slow learners drag the moving bar of each video lecture so as to complete it without listening to it fully. Such students have to be properly instructed and monitored to learn the courses in total. ? Some students could not identify the Filter option in mobile. They are to be Filtering Free Courses in the website. Accent and pronunciation are difficult to comprehend for some students. Subtitles could be attempted to. They might be provided with earphones for listening to the video lectures for privacy and flexibility of operation at their convenience. Evidence of Success: The usage/adoption of MOOC courses had enriched and enlarged the learning process of the students with improvements as listed below: The interest in acquiring additional knowledge through network has increased. The learning of extended courses elated them and put them on an elevated pedestal. They are motivated to learn more and more online courses related to their major subjects. The respect of and confidence on the teacher have enhanced and they become mutual between students and teachers. The Certificate provided has boosted their respect in the family and society. The extended study of MOOC courses has nurtured them for disciplined and structured academic performance. As a result the pass percentage of the students has improved with less failures and arrears. They have developed the basic norms and etiquettes of questioning and discussions. In short they are thrilled to learn the subjects of their choice at their will at any place and at any time they choose.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://pmu.edu/iqac/pdf/Best_Practices.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Environment Consciousness ? Institution is committed to a green policy which includes activities like landscaping and vegetation, water conservation, energy conservation, waste management and green building materials like flyash bricks. ? Institution aims to achieve Zero Carbon Footprint by 2025. One of the ways identified for achieving this goal is reduction of wastage in energy and increasing the use of renewable energy. ? Consumption of energy, water and waste water qualities are continuously monitored by a team of faculty and students. Ways to reduce energy usage are discussed. Promising ideas are implemented subsequently. ? Institution has published a booklet called GREEN PRACTICES IN PMU TOWARDS ZERO CARBON BY 2025 to create awareness among faculty and students. Institution practices Reduce. Reuse, Recycle, Refuse and Recover philosophy in all its activities. Colour coded bins are used in the entire campus to segregate the solid waste. ? Two student clubs namely Energy Club and Environment Club along with the centre for climate change conduct awareness programs periodically among students and the public about energy conservation, water conservation, tree plantation and solid waste management. ? Use of motor vehicles is restricted inside the campus. All are motivated to use bicycles inside. This reduces pollution in the total area of the Institute. ? Institution continuously increases its green cover by planting trees. Every year tree saplings are planted by the newly admitted students of that academic year and also by the guests. All pervasive greenery on the sprawling premises of the institute symbolizes the institutions success in countering environmental pollution and creating Eco friendliness. Greenery and vegetation are maintained all over the campus. ? The campus has around 4,500 shrubs and plant varieties, 36,820 native trees and endangered trees. Such thick foliage

of vegetation absorbs CO2 emission around 3.66,750 tonnes per annum. Varieties of species and medicinal plants have been produced with the help of Tissue Culture (TC) techniques and quality seedlings produced by TC plant hardening centre. ? Rainwater as runoff is collected on ground surface in the camps is fed into the collecting sumps and natural ponds located in four different places of the institute using recharge trenches of 3 noshaving length of 300m and depth of 1.5m. ? The rainwater thus harvested and collected in the sumps is directly used as irrigation water for lawns by suitable sprinklers in the campus of about 40,000 litres per day and for vegetable farms by drip irrigation of about 2,50,000 litres per day. The recharged groundwater through deep bore well is utilized for all institutional needs and construction of buildings. ? Creating awareness among the public and student about solid waste management. So far 80000 people and students from School were given awareness and 120 programmes were conducted. ? Institution has constructed 480 modular eco toilets in Pillayarpatti village. ? Solid Waste Management Training under Nirmal Bharath Abhiyan Scheme were given to 480 Panchayat Presidents, Overseers, Block Development Officers, Assistant Engineers, etc. of District Rural Development Agency (DRDA), Thanjavur District

Provide the weblink of the institution
http://pmu.edu/iqac/pdf/Institution_distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

1. Number of new Value Added Courses to be increased. 2. No. of Video lectures of faculty members to be increased. 3. To conduct Administrative Training Programme for non teaching staff. 4. Number of International Conference to be increased (atleast 4). 5. New Programmes to be introduced. (M.Com , B.Sc Computer Science and M.A Tamil, Periyar Thought and Political Science) 6. In order to improve the research culture, more faculty members will be identified and encouraged to make use of seed money scheme. 7. To encourage more faculty members to avail professional development fund. 8. To conduct IPR and entrepreneurial programmes through Institution Innovation Council. 9. To increase the number of Memorandum of Understandings (MoUs) and collaborative activities. 10. To enhance ICT facilities, more number of computers with higher configuration to be put in place. 11. To initiate alumni lectures series programme 12. To initiate action for reduction of carbon emission. 13. To motivate Staff and Student month wise for their achievement and awards