

ANNUAL QUALITY ASSURANCE REPORT (AQAR) FOR THE ACADEMIC YEAR 2017 - 2018

Submitted to

NAAC



**PERIYAR
MANIAMMAI**

INSTITUTE OF SCIENCE & TECHNOLOGY

(Deemed to be University)

Established Under Sec. 3 of UGC Act, 1956 • NAAC Accredited

think • innovate • transform

ANNEXURE - C

The Annual Quality Assurance Report (AQAR) of the IQAC (For Universities)

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, July 1, 2017 to June 30, 2018)*

Part – A

Data of the Institution

(data may be captured from IIQA)

1. **Name of the Institution** : Periyar Maniammai Institute of Science & 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. : 04362-264600
 - Mobile no. : +91- 9443243684
 - Registered Email : vc@pmu.edu
 - Alternate Email : registrar@pmu.edu
 - Address : Periyar Nagar, Vallam, Thanjavur
 - City/Town : Thanjavur
 - State/UT : Tamil Nadu
 - Pin Code : 613403

2. **Institutional status:**
 - University : ~~State / Central / Deemed / Private~~ ✓
 - (Tick appropriate)
 - Type of Institution : Co-education / ~~Men / Women~~
 - Location : Rural / ~~Semi-urban / Urban~~
 - Financial Status : ~~Centrally funded / state funded / Private~~
(please specify) (Self funded)
 - Name of the IQAC Co-ordinator/Director : Dr. P. Jayasudha

- Phone no. /Alternate phone no. : +91- 9003976758
- Mobile : +91-9944495654
- IQAC e-mail address : iqac@pmu.edu
- Alternate Email address : uqms@pmu.edu

3. **Website address** : www.pmu.edu

Web-link of the AQAR: (Previous Academic Year) : <http://www.pmu.edu/AQAR 2016-2017.doc>

For ex. <http://www.chanakyauniv.edu.in/AQAR2015-16.doc>

4. **Whether Academic Calendar prepared during the year?** : Yes /No

if yes, whether it is uploaded in the Institutional website: Yes

Weblink: http://www.pmu.edu/about/pdf/Academic_Calender.pdf

5. **Accreditation Details:**

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	B	2.49	2009	from: 2009 to: 2014
2 nd	B	2.66	2015	from: 2015 to: 2020

6. **Date of Establishment of IQAC** : 10/04/2009

7. **Internal Quality Assurance System**

7.1 Quality initiatives by IQAC during the year for promoting quality culture				
Sl. No	Item /Title of the quality initiative by IQAC	Date & duration		Number of participants / beneficiaries
1.	Three meetings of Internal Quality Assurance Cell (IQAC) were conducted	15.09.2017	For the quarter June, 2017 to August 2017	15
		29.06.2018	For the quarter September 2017 to March 2018	15
		27.07.2018*	* For the quarter April, 2018 to June, 2018	17
2.	Annual Quality Assurance Report (AQAR) for the year 2016-17 was submitted to NAAC.	21.10.2017		--

3.	Feedback from the following stakeholders collected, analysed and used for improvements		
	Students	25.10.2017	481
	Parents	12.07.2017	163
	Alumni	28.08.2017	737
	Employer	21.11.2017 (Covering July to November 2017) 05.05.2018 & 07.05.2018 (Covering December 2017 to April 2018)	120
Follow up action:			
<ul style="list-style-type: none"> Alumni were satisfied with the curriculum and syllabus of the institute. However they wanted more Industrial and Field Visits to be included in the curriculum and syllabus. The institute has planned to have Industrial and Field Visits for each semester. Students have appreciated NCC, foreign language and sports activities. Parents appreciated the Induction programme implementation for the fresh entrants. Parents suggested to introduce foreign languages such as German and French. Institute has implemented "French" at present. German would be added in due course of time. Students suggested to extend Bus services for Pudhukottai and Ariyalur. Bus routes suggested by the students have been implemented. Cleanliness and hygiene of the hostel has to be maintained properly. A dedicated team has been assigned to maintain cleanliness and hygiene in all the four hostels. 			
4.	Academic Administrative Audit (AAA) conducted:	Department-wise Academic and Administrative audit was conducted with internal auditors and external auditors.	Academic and Administrative functions of the institution
	With internal auditors	July to August 2017	
	With external auditors	July to September 2017	
5.	Participated in NIRF 2018 Ranking and submitted data for Architecture and Overall category.	7 th December 2017	Department of Architecture & the Institution as a whole
6.	Green audit		
	Water Analysis test @Bore wells	Once in every month 26.7.2017, 28.8.2017, 22.9.2017 27.10.2017, 28.11.2017, 22.12.2017 27.1.2018, 23.2.2018, 28.3.2018 21.4.2018, 31.5.2018, 28.6.2018	--

Water Analysis @ RO unit	Once in every quarter 13.7.2017, 21.9.2017, 21.12.2017 20.3.2018, 29.6.2018	--
Bore well and Its Pumping rate measurements	Once in a year. 26.7.2017	--
Measurement of Noise level (every month)	End of every month	---
Solid waste Generation details (every month)		--
Vermi compost production details (every month)		--

Note: Some Quality Assurance initiatives of the institution are:
(Indicative list)

- Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements
- Academic Administrative Audit (AAA) conducted and its follow up action
- Participation in NIRF
- ISO Certification
- NBA etc.
- Any other Quality Audit

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
Nil				

9. Whether composition of IQAC as per latest NAAC guidelines : Yes /No

* Upload latest notification of formation of IQAC : Uploaded in www.pmu.edu on 16.08.2018

10. No. of IQAC meetings held during the year : Three

The minutes of IQAC meeting and compliance to the decisions : Yes /No
have been uploaded on the institutional website.....

(Please upload, minutes of meetings and action taken report) Uploaded

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

Yes No

If yes, mention the amount: - Year: -

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

- Facilitated all the departments to organize Faculty development programmes
- Conducted Annual Academic and Administrative Audit with internal and external experts.
- Collection and analysis of feedback from the stakeholders was carried out. Based on the suggestions, the Academic Calendar was prepared.
- To facilitate both faculty and students for better and effective self learning / research activities, the number of working days has been curtailed to five days in a week.
- A coordinator exclusively for the Data Management System has been appointed for effective handling of Management Information System.

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

Sl. No	Plan of Action	Achievements / Outcomes
1.	Curriculum to be reviewed, updated and revised if required.	- The curriculum and syllabus was revised for all the programmes offered by the institute based on AICTE and UGC guidelines. - The main highlight of the new curriculum is reduction of credits for B.Tech programme from 176 to 160. - Mandatory courses, Open Electives and one credit courses for employability and hard skills are added to the curriculum & syllabus of each program suggested by AICTE.
2.	Duration of gap between exam and result publication to be minimised.	Number of days for exam result publication is reduced, from more than 30 days to within 15 days.
3.	Soft skill and courses for employability enhancement to be initiated.	One credit courses for employability and hard skills are added to the curriculum & syllabus of each program as suggested by AICTE. Soft skill courses for all the years during the vacation are also scheduled. In addition, MoA was executed by the institution with International Centre for Global Excellence (ICGE) for soft skill training and courses on foreign languages.
4.	Activities of Green Audit to be initiated	Green Audit including Water Conservation Management and Solid Waste Management and Environment Monitoring was conducted and recorded periodically.
5.	Activities of IQAC to be documented and made known widely.	Documented and flow chartered the activities of IQAC and displayed at strategic location.

14. Whether the AQAR was placed before statutory body? : Yes /No

Name of the statutory body : Board of Management after the review by IQAC.

Date of Meeting(s) : 24.10.2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?

Yes/No: Yes

Date: UGC - 09.01.2018 - 11.01.2018 (including AICTE representatives)
AICTE - 28.04.2018 & 29.04.2018

16. Whether institutional data submitted to AISHE : Yes/No: Yes

Year : 2017-18

Date of Submission : 05.03.2018

17. Does the Institution have Management Information System?

Yes

No

If yes, give a brief description and a list of modules currently operational.
(Maximum 500 words)

BRAIN (Brilliant Resources for Academic Institution) is an ERP package designed and developed by e-governance team of Periyar Maniammai Institute of Science & Technology (Deemed to be University). It received copyrights for this package during 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 ERP package. PMIST also has Dashboard facility for higher officials to view important reports. Other important features like automated SMS generation, progress report generation etc., facilitate in intimating the student's performance to their parents easily.

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 2017-18		
Name of programme	Programme Code	Dates of revision
B.Arch	001	Regulation 2015- Rev 2 – 09.09.2017 Regulation 2016 Rev 1 for VII and VIII sem - 09.09.2017 Regulation 2017- Rev 1 09.06.2018
B.Tech Aero Space	016	Regulation 2018 - 09.06.2018
B.Tech Bio Technology	101	
B.Tech Civil	011	
B.Tech Civil PT	601	
M.Tech EE FT	254	
M.Tech EE PT	678	
B.Tech CSE	012	
B.Tech ECE	013	
M.Tech WCS FT	303	
M.Tech WCS PT	655	
M.Tech -5 years Nano Technology	305	Regulation 2015 – Rev 3 17.02.2018 Regulation 2015 – Rev 3 for sem VII to X , 17.02.2018
M.Tech – Nano Technology 2FT	302	Regulation 2018 - 09.06.2018
M.Tech – Nano Technology 3PT	677	Regulation 2017-17.02.2018, Regulation 2018 - 09.06.2018
B.Tech EEE	014	Regulation 20 18 - 09.06.2018
B.Tech EEE PT	605	
M.Tech EEE PT	654	
B.Tech	013	
B.Tech PT	604	
M.Tech RE	301	
M.Tech RE PT	676	
MCA	452	
BCA	152	
M.Sc(S/E)	351	
B.Sc.Ani. & Multimedia	157	
MBA	403	
BBA	162	
B.Com (Hons)	151	
B.Com	153	

M.S.W	901	Regulation 2017 for III and IV sem - 09.06.2018 Regulation 2018 I - IV - 09.06.2018
B.Sc Physics	161	Regulation 2016 Rev 1 - 09.06.2018 Regulation 2018 - 09.06.2018
M.Sc Physics	355	Regulation 2018 - 09.06.2018
B.Sc Chemistry	165	Regulation 2017 Rev 1- 09.06.2018 Regulation 2018 - 09.06.2018
B.Sc Mathematics	164	Regulation 2018 - 09.06.2018
M.Sc. Mathematics	359	
M.Phil Mathematics	556	

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

Programme	Nil
Courses	
Course with Code	Date of Introduction For the academic year 2017-18
XITOE1 Computer installation and Trouble shooting	21.06.2017*
XAR107 Creative Workshop and Visual Arts - I	01.08.2017
XITOE2 Computer Animation	21.06.2017*
XCS308 In-plant Training-I	
XCS508 In-plant Training-II	21.06.2017*
XAR 701 Practical Training	
XCO307 Internship Training	21.06.2017*
XCO507 Internship Training	
XAME53 Script Writing and Story Board Designing	21.06.2017*
XAM502 3D Animation	
YBA208 Managerial communication	06.12.2017
XAR206 Creative workshop & Visual Arts II	
XCA4SC Introduction to graphics design	
XCG207 Office Automation Practical	
XBE 204 Software Packages -Lab	18.12.2017
XBE404 Introduction to MATLAB	
XAM403 Cinematography & Non-Linear Editing	06.12.2017
YSW402 Block placement Internship	
XEP306 Entrepreneurship Development	21.06.2017*
XAR506 Digital Design and Media Tools	21.06.2017*
XCA3SF Hardware and Trouble Shooting	21.06.2017*
XCC505 Fundamentals of Entrepreneurship	21.06.2017*
YBA403 Project Management	6.12.2017
YBA404 Business Project	
XAM204 Audio and Video Editing	06.12.2017
XGS307 Interpersonal communication	21.06.2017*
SS-CSE Soft Skills	

XGS507 Business Communication	
XGS608 Academic Writing	06.12.2017
YBA101 Speech and Business Communication	04.09.2017
XAR106 Study Skills and Language Lab	
XMECG Career Guidance	21.06.2017*
YCAS51 Quantitative Aptitude	20.06.2017
YSE105 Study Skills	01.08.2017
YSE307 Interpersonal Communication	21.06.2017*
SSMSC Soft Skill Training	01.08.2017
XCG105 Business Correspondence and Report Writing	01.08.2017
XCG306 Career Development Skills	21.06.2017*
XMAOE1 Mathematics for Competitive Examination	
XBE302 English for Creative Writing	
XBE311 Practicum and School Internship - I	
XBE501 Soft Skill Development and Peace Education	
XBE510 Practicum and School Internship- II	
XBE411 Practicum and School Internship - I	06.12.2017
XGE101T Technical English-I	01.08.2017
XBA301 Communication for Managers	21.06.2017*
XAM301 Digital Animation Skills	
XGS407 Technical Communication	06.12.2017
XCE202B Communicative English	
XAM401 Image Editing Skills	
XMEOE2 Mathematics for competitive Examinations II	

(Note: 21.06.2017* is the date of commencement of classes for the academic session 2017-18)

1.2 Academic Flexibility		
1.2.1 New programmes/courses introduced during the Academic year		
Programme Code	Programme	Date of Introduction
154	B.A.English	01.08.2017
164	B.Sc Mathematics	01.08.2017
165	B.Sc. Chemistry	01.08.2017
004	Diploma in Periyar Thought	29.08.2017
166	B.Voc (Hospital Systems)	06.09.2017
005	Diploma Herbal therapy	05.08.2017
Courses		
XAS 603 UAV Design		06.12.2017
XAS510 Aircraft Systems and Instruments		21.06.2017
XEC503 Object Oriented programming and Data structures		
XEEOE2 Energy Auditing and Management		
XCO 505 Information Technology for Business		

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	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
Already adopted (mention the year): CBCS is followed from 2015-16 for all programmes.					

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
Arch	AutoCAD	09.07.2017 – 09.09.2017	75
	3D Printing	22.11.2017 – 27.11.2017	60
B.Tech . Civil Engineering	Concurrent Carrier Development	07.05.2018	53
	Concurrent Carrier Development	21.05.2018	65
B.Tech. CSE	Java Programming	17.07.2017	20
B.Tech. EEE	Electrical Automation and PCB Fabrication	08.03.2018 & 09.03.2018	26
MBA	Research methods Using SPSS	23/02/2018 and 24/02/2018	19
	Data Analysis Using MS-Excel		19
	Financial Statement Analysis		19
	Introduction to MS Excel		42
	Interpersonal Effectiveness		42
	Life Skills for Managers		42
M.Sc.SE	Logic Building with C and core Java Programming	06-09-2017	40
B.Sc.B.Ed	Soft skill and Peace Education.	01.07.2017	22
	E-Learning	01.07.2017	22

1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title		No. of students enrolled for Field Projects / Internships
B.Tech. CSE	Web application development using Angular JS and NODE JS, IBM Cloud, Bengaluru.	2
	Machine learning and artificial intelligence tools and technologies	3
B.Tech	Field Projects	14
M.Tech. Nano (Integrated)	Field Projects	16

B.Tech. EEE	IoT Based Controlling and Monitoring of Single Phase Energy Meter	32
	Smart Energy Meter	
	Smart Helmet using ARM	
	Home Security System using IoT	
	Prepaid Energy Meter	
	Home Automation for Controlling Appliances using Android App	
	Biometric Based Smart Bus Ticketing	
	Automatic Speed Control Using Raspberry Pi	
Commerce B.Com(Hons) and B.Com	Internship training to Private Bank. I B.Com (Hons)	55
	Internship training to Delta Mart I B.Com (Hons)	55
	Internship training to Stock Broker II B.Com (Hons)	24
	Internship training to Chartered Accountant III B.Com (Hons)	23
	Project work III B.Com (Hons)	23
	Project work III B.Com	23
MCA	Project work	31
M.B.A	Business Research Project	36
M.Sc.SE	Field Projects	14
	Internships	32
B.Sc.B.Ed	University-School Internship program	55
B.Arch	Internship	60
	Thesis Projects	59

1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes/ No	Yes/ No	Yes/ No	Yes/ No	Yes/ No

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

The feedbacks are obtained partially online and also in printed forms. The feedback of the stakeholders is viewed by the HoDs. The type of feedbacks collected from various stake holders are:

- Basic circle feedback
- Student feedback on course in Form 1A,
- Student feedback on course Teacher in Form 1B,
- Students Feedback on the Institute in Form 1C,
- Parents Feedback,
- Alumni feedback,
- Employer feedback,
- Student Feedback on Administrative staff

The important feedback of the PMIST education process is the *Basic Circle Feedback* which is obtained during the middle of a semester. The feedback on the teacher, on the course and on the delivery process enables a teacher to improve the teaching learning process catering to the student groups. At the end of the semester a student gives again a *feedback on teacher* along with the *feedback on course* separately, as an indication of improvement. This process helps to revise the syllabus as per the demand/requirement.

At the end of the academic year, *Feedback on the Institution*, a 360-degree feedback covering Quality of Teacher, Lab facilities and Knowledge level of Lab Technicians, Cleanliness of the Campus, Availability and Efficient usage of Teaching Aids like LCD, PPT, Web Based Learning, Smart Board, Simulation Software etc. is obtained from the students. In addition, the grievances about canteen, hostel, transport, sports, library, placement and training, are also addressed to.

Alumni feedback on the facilities provided to them during their stay, curricular aspects and placements are collected during convocation. *Feedback from employers* on the students of PMIST in the areas of communication skills, team work, planning and organization skills, motivation, technical skill-set, managerial talents and creativity is collected to the extent possible.

In addition to the above feedbacks, renowned academicians, industry persons and parents are involved in *Department Advisory Committee* meetings and during *Board of Studies*. Their feedback is considered for betterment of the department functioning and curricular innovations.

The feedback analysis is submitted to Dean Academic to prepare and implement suitable action plan.

CRITERION II -TEACHING - LEARNING AND EVALUATION**2.1 Student Enrolment and Profile****2.1. 1 Demand Ratio during the year**

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
B. Arch	80	95	79
B.Tech.-Aero	60	335	21
B.Tech.-Biotech	60		42
B.Tech.-Civil	60		29
B.Tech.-CSE	60		58
B.Tech.-ECE	60		22
B.Tech.-EEE	60		16
B.Tech.-Mech	60		37
B.Com (Hons)	60		151
B.Com (CA)	60	60	
B.Com.-(CA) (Lateral)	12	2	
BCA	180	171	145
B.Sc-Animation & Multimedia	30	35	30
BBA	60	46	42
B.Sc-B.Ed	50	43	34
B.Sc.-Chemistry	30	5	5
B.Sc.-Mathematics	30	13	10
B.Sc.-Physics	30	15	12
B.Voc.-Hospital Systems	30	6	5
B.Tech.-Aero (Lateral)	12	79	1
B.Tech.-Civil (Lateral)	24		23
B.Tech.-CSE (Lateral)	12		9
B.Tech.-ECE (Lateral)	12		2
B.Tech.-EEE (Lateral)	12		9
B.Tech.-Mech (Lateral)	24		31
MCA (Lateral)	60		25
MSW	20	9	8
M.Arch	20	3	3
M.Tech-Environ.Engg	20	10	3
M.Tech-Renewable Energy	20		1
M.Tech-Nano-Technology	20		1
M.Tech.-Wireless Communication Systems	20		3
M.Tech-Nono-Technology (5 Yrs integrated)	60	15	14
MBA	60	27	24
M.Sc - Software Engg (5 yrs integrated)	40	16	14
M. A - Political Science (5 yrs integrated)	40	16	12

B.Tech-EEE (3 ½ yrs -Part-Time)	60	21	12
M.Tech.-Nano-Technology (3 yrs -Part-Time)	20	5	3
M.Tech.-Wireless Communication Systems (3 yrs -Part-Time)	20		2
M.Phil	-	37	10
Ph.D.- (Full-Time)	-	-	2
Ph.D.- (Part-Time)	-		16
Diploma in Herbal Theraphy (Regular)	30	27	27
Diploma in Periyar Thought (Weekend)	30	8	8

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 full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017-18	2443	326	154	21	42

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	Number of smart classrooms	E-resources and techniques used
217	217	Computers Laptops Network Internet LCD Projectors Audio Visual systems	49	12	MOOC contents like Coursera, NPTEL, Virtual Labs, SWAYAM, Internally Prepared E-Contents uploaded in home grown software named BRAIN(Brilliant Resource for Academic Institutions)

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

PMIST a deemed to be University, situated in the delta area attracts many rural students. Many of its students are first graduates of their family. Hailing from rural area, the students are from poor academic and financial backgrounds. For such students the institute provides a strong support and mentoring. The mentoring system helps the students to fit into the new environment without much difficulty. Students Mentoring is done by faculties at different levels and capacity. A maximum of fifteen students are allotted to a mentor to provide

academic, extra curricular and personal guidance for the students, as and when required.

As soon as the students enter into their first year, Induction Program is conducted to prepare them for the university environment. Students were taught with Creative Arts, English, Computer literacy etc as per the guidelines of AICTE. This Induction Program brings the students into a comfort zone and helps them to get along with the new environment well. During this period they get acquainted with the faculties and heads of the departments.

When a student get into the department, department allots a mentor for each student from their department. The mentor takes care of the welfare of the students. They counsel them on curricular, co-curricular and extra-curricular activities. In the regular time-table one hour is allotted for the students counselling. Mentors interact with the students during the counselling hours. If the students face any problem, the mentor talks to the concerned persons and resolves. The process of Mentoring is overseen by the heads of department and the faculty deans. If any problem persists beyond the limit of the mentor, heads and deans solve the issues. The Mentor-Mentee relationship goes beyond the programme period.

In a few cases, students may need a professional counsellor's help. PMIST has a full-time professional counsellor available in the campus. During the mentoring if the faculties identify any problem that is to be dealt with, by professional counsellor, students are referred to this counsellor. The counsellor talks to the students, their family and friends to resolve the student's problem. The counsellor regularly interacts with the students to make the students feel free to approach her for any professional help.

Apart from mentors and counsellors, each class has a class advisor. All activities to be dealt with the entire class are communicated through the class advisor. Hence the students have a very strong binding with the class advisors. Additionally each department has a CUII (Center for University and Industry Interaction) coordinator who helps the students to identify companies for their in-plant training, internships and their placement.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
2769	217	1:15

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
226	187	39	30	62

2.4.2 Honours and recognitions 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
March & April 2018	Dr.P.Jayasudha	Professor & Dean	Expert committee member for inspections to Architectural Institutions throughout India, appointed by Council of Architecture.

December 2017	Ar.N.Ramesh Babu	Asso. Prof.	Certificate of Appreciation awarded by Indian Air Force for the LOGO DESIGN in POEMS Project.
July 2017	Ar. C.V. Subramanian	Asso.Prof./ Director - CSAS	Expert member appointed for Programme Advisory committee of Architectural assistantship at Periyar Centenary Polytechnic College, Thanjavur
December 2017	Dr.N.Ramachandran	Professor.	Certificate of Appreciation awarded by Indian Air Force for the contributions made in POEMS Project.
	Dr.R.Kathiravan	Professor.	
	I.Karthic Subramaniyan	Asst. Prof.	
	J.Kesavan	Asst. Prof.	
	C.Narmadha	Asst. Prof.(SS)	
	L.Sarojini	Asst. Prof.	
	V.Hamsadhvani	Asst. Prof. (SS)	
	R.Rakesh,	Asst. Prof.	
	L.Jayanthi,	Asst. Prof.	
C.Ramachandradurai	Asst. Prof.		
January 2018	Mr.R.K.Muthuraman	Asst. Prof.	Indian Faculty Leader Award by Institute of Aeronautics, Astronautics and Aviation (IAAA) on 24.01.2018
April 2016 - March 2019	Dr.K.Anbarasu	Asst. Prof.	Young Scientist Scheme awarded by Department of Science and Technology, -Science & Engineering Research Board, New Delhi
April 2018	Dr. S. Kumaran	Asso. Professor,	Key note Speaker at International Conference on Desalination at National Institute of Technology, Trichy
March 9-11, 2018	Dr. Nitin Kumar	Asst. Prof.	Awarded Second best oral presentation in an International Conference Motilal Nehru National Institute of Technology, Allahabad, U.P.
March 2018	Dr.A.Asokkumar	Asst. Prof.	Recognized as Guest of Honour in a National conference on Biotechnology for Sustainable Development named "HAPTEN 2018" during 16 & 17 March 2018 held at Arunai Engineering College Thiruvannamalai.
February 2018	Ms. D. Thayalnayaki	Asst. Prof. (SS)	Best Alumni Award 2018 received from Periyar Centenary Polytechnic College, Vallam, Thanjavur

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
B.Arch	001	X	17.05.2018	23.05.2018
M.Sc. (Software Engg)	351	X	25.04.2018	04.05.2018
M.A (Political Science)	353	X	25.04.2018	04.05.2018
B.Arch	001	VIII	05.05.2018	14.06.2018
B.Tech CIVIL	011	VIII	25.04.2018	16.05.2018
B.Tech CSE	012	VIII	25.04.2018	04.05.2018
B.Tech ECE	013	VIII	25.04.2018	04.05.2018
B.Tech EEE	014	VIII	25.04.2018	04.05.2018
B.Tech MECH	015	VIII	25.04.2018	16.05.2018
B.Tech AERO	016	VIII	25.04.2018	04.05.2018
B.Tech BIOTECH	101	VIII	25.04.2018	04.05.2018
B.Tech IT	102	VIII	25.04.2018	04.05.2018
B.Tech Chemical	103	VIII	25.04.2018	04.05.2018
M.Sc (Software Engg.)	351	VIII	25.04.2018	04.05.2018
B.Arch	001	VI	07.05.2018	16.05.2018
B.Tech CIVIL	011	VI	07.05.2018	16.05.2018
B.Tech CSE	012	VI	07.05.2018	16.05.2018
B.Tech ECE	013	VI	07.05.2018	16.05.2018
B.Tech EEE	014	VI	07.05.2018	16.05.2018
B.Tech MECH	015	VI	07.05.2018	16.05.2018
B.Tech AERO	016	VI	07.05.2018	16.05.2018
B.Tech BIOTECH	101	VI	07.05.2018	16.05.2018
B.Tech Chemical	103	VI	07.05.2018	16.05.2018
B.COM (Hons)	151	VI	07.05.2018	16.05.2018
BCA	152	VI	07.05.2018	16.05.2018
B.Com CA	153	VI	07.05.2018	16.05.2018
B.Sc (A&M)	157	VI	07.05.2018	16.05.2018
B.Sc (Physics)	161	VI	07.05.2018	16.05.2018
M.Tech (Nano)	305	VI	07.05.2018	16.05.2018
M.Sc (Software Engg.)	351	VI	07.05.2018	16.05.2018
B.Sc.,B.Ed	159	VI	07.05.2018	16.05.2018
MCA	451	VI	18.04.2018	04.05.2018
B.Arch	001	IV	03.05.2018	16.05.2018
B.Tech CIVIL	011	IV	03.05.2018	16.05.2018
B.Tech CSE	012	IV	03.05.2018	16.05.2018
B.Tech ECE	013	IV	03.05.2018	16.05.2018
B.Tech EEE	014	IV	03.05.2018	16.05.2018
B.Tech MECH	015	IV	03.05.2018	16.05.2018

B.Tech AERO	016	IV	03.05.2018	16.05.2018
B.Tech BIOTECH	101	IV	03.05.2018	16.05.2018
B.COM (Hons)	151	IV	03.05.2018	16.05.2018
BCA	152	IV	03.05.2018	16.05.2018
B.Com	153	IV	03.05.2018	16.05.2018
B.Sc (A&M)	157	IV	03.05.2018	16.05.2018
B.Sc. B.Ed.	159	IV	03.05.2018	16.05.2018
BBA	162	IV	03.05.2018	16.05.2018
M.Tech (Nano)	305	IV	03.05.2018	16.05.2018
M.Sc (Software Engg.)	351	IV	03.05.2018	16.05.2018
M.A. Political	353	IV	03.05.2018	16.05.2018
M. Arch	201	IV	03.05.2018	16.05.2018
M.Tech (Env.Engg)	254	IV	03.05.2018	16.05.2018
M.Tech (Ren. Energy)	301	IV	03.05.2018	16.05.2018
M.Tech (Nano)	302	IV	03.05.2018	16.05.2018
MBA	403	IV	03.05.2018	16.05.2018
MCA	451	IV	05.06.2018	14.6.2018
B.Arch	001	II	08.06.2018	14.06.2018
B.Tech CIVIL	011	II	08.06.2018	14.06.2018
B.Tech CSE	012	II	08.06.2018	14.06.2018
B.Tech ECE	013	II	08.06.2018	14.06.2018
B.Tech EEE	014	II	08.06.2018	14.06.2018
B.Tech MECH	015	II	08.06.2018	14.06.2018
B.Tech AERO	016	II	08.06.2018	14.06.2018
B.Tech BIOTECH	101	II	08.06.2018	14.06.2018
B.COM (Hons)	151	II	08.06.2018	14.06.2018
BCA	152	II	08.06.2018	14.06.2018
B.Com	153	II	08.06.2018	14.06.2018
B.Sc (A&M)	157	II	08.06.2018	14.06.2018
B.Sc. B.Ed.	159	II	08.06.2018	14.06.2018
BBA	162	II	08.06.2018	14.06.2018
B.Sc (Maths)	164	II	08.06.2018	14.06.2018
B.Sc (Chemistry)	165	II	08.06.2018	14.06.2018
B.Voc (Hospital Mgmt)	166	II	08.06.2018	14.06.2018
M. Arch	201	II	08.06.2018	14.06.2018
M.Tech (Env.Engg)	254	II	08.06.2018	14.06.2018
M.Tech (Ren. Energy)	301	II	08.06.2018	14.06.2018
M.Tech (Nano)	302	II	08.06.2018	14.06.2018
M.Tech (Wireless Comm)	303	II	08.06.2018	14.06.2018
M.Tech (Nano)	305	II	08.06.2018	14.06.2018
M.Sc (Software Engg.)	351	II	08.06.2018	14.06.2018
M.A. Political	353	II	08.06.2018	14.06.2018
MBA	403	II	08.06.2018	14.06.2018

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

**Do not include re-evaluation/ re-totalling*

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
NIL		

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://www.pmu.edu/department/courses.aspx>

2.6.2 Pass percentage of students

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
001	B.Arch	59	58	98.31%
011	B.Tech (Civil)	109	97	88.99%
012	B.Tech (CSE)	33	28	84.85%
013	B.Tech (ECE)	51	48	94.11%
014	B.Tech (EEE)	32	22	68.75%
015	B.Tech (Mech)	109	96	88.07%
016	B.Tech (Aero)	14	14	100.00%
101	B.Tech (Biotech)	30	30	100.00%
102	B.Tech (IT)	17	16	94.12%
103	B.Tech (Chemical)	17	16	94.12%
351	M.Sc., (Software Engg)	14	14	100.00%
353	M.A (Political Science)	6	6	100.00%
451	MCA	31	31	100.00%
901	M.S.W	6	6	100.00%
151	B.COM (Hons)	23	22	95.65%
152	BCA	57	47	82.46%
153	B.COM	23	19	82.61%
157	B.Sc (A&M)	8	8	100%
161	B.Sc (Physics)	2	2	100.00%
403	MBA	35	35	100.00%
201	M.Arch	1	1	100.00%
254	M.Tech (Envi.Engg)	5	5	100.00%
301	M.Tech (RE)	1	1	100.00%
302	M.Tech (Nano)	3	2	66.67%

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) -

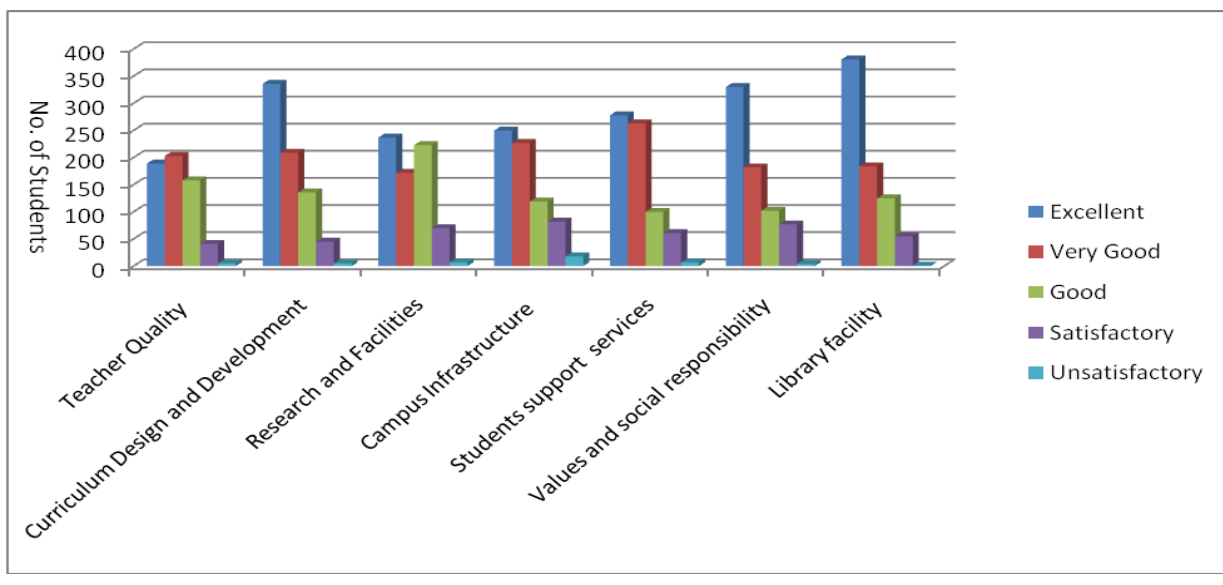
<http://www.pmu.edu/campus/studentsatisfactionsurvey.aspx>

A survey was conducted among the students from second Year to final Year. The following aspects were discussed through questionnaire to know the level of satisfaction.

Period of survey: Even Semester 2017-2018

- Teacher Quality
 - Teacher engage them with activities related to the course
 - Teachers are from other states and reputed IITs
 - Teacher who uses ICT in their delivery of lectures
 - Teacher student relationship is good
- Curriculum Design and Development
 - The curriculum and syllabus are designed for life-long learning.
 - The curriculum is designed in line with the current trend and technology
 - The curriculum and syllabus are designed for easy understanding
- Research and Facilities
 - Access to labs to do their research
 - Separate room is allocated for the researcher to discuss
 - Teacher guidance is provided for product innovativn.
- Campus Infrastructure
 - The green environment provides an ambient for learning
 - Zero carbon Campus
 - Canteen Facility is good
 - ROD Drinking water is provided at designated location
- Students Support Services
 - Support Staff handles the query made to them effectively
 - Student Affairs handles the grievances raised
 - Anti-Ragging Free Campus
- Values and Social Responsibility
 - Activities like NSS & YRC have made the students responsible to contribute to the society
 - Extra-Curricular like NCC has made the students to realize the country's defence
 - Institution has various societies and club for us to participate
- Library Facility
 - Books related to program is available
 - E-journal and Journal is available
 - Library has the ambient for study and reading

Overall, the result shows that the students were highly satisfied with the institution.



CRITERIA III: RESEARCH, INNOVATIONS AND EXTENSION

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

	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	Nil	Nil	Nil	Nil
International	Dr. P. K. Srividhya, Professor of Mechanical Engg.	Women Engineering Fellowship, Canada	March 13 th , 2018	Cape Breton University, Canada (Not availed the fellowship)

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 fellowship	Funding agency
Junior Research Fellowship (JRF)	3 years (March 2016 – March 2019)	DST-SERB
Research Assistantship	5 months (May 2017 – Sep 2017)	BioEcoSciences, USA.
Half Time Teaching Assistantship (HTTA)	2 years (Aug 2017 – Aug 2019)	HTTA / PMIST
Half Time Teaching Assistantship (HTTA)	2 years (Sept 2017 – Sept 2019)	HTTA / PMIST

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

Nature of the Project	Duration	Name of the funding Agency	Total grant Sanctioned (in Rupees)	Amount received during the year (in Rupees)
Major projects	29.12.2017 to 29.12.2019	Indian Council of Social Science Research (Ministry of Human Resource Development)	8,00,000	2,00,000
	21.03.2016 to 21.03.2019	Department of Science and Technology (DST-SERB)	18,90,000	5,00,000
		DST (Nano Mission)	1,03,00,000	5,00,000
Minor Projects	-	-	-	-
Interdisciplinary Projects	Axshya Project on TB Awareness 30.03.2016 to 31.08.2017	Research group for Education and advocacy for community Health	20,000	20,000

Industry sponsored Projects	July 2017 – June 2018	Shanthi Poultry Feed limited	4,64,771	4,64,771
		Vermicomposting	8,59,185	8,59,185
Projects sponsored by the University	-	PMIST [BRAIN (ERP Package)]	(24000*12) 2,88,000	2,88,000
Students Research Projects (<i>other than compulsory by the University</i>)	6 Months Sanctioned on 30 th Jan 2018	Tamil Nadu State Council for Science and Technology (TNSCST)	10,000	10,000
	One year (MoU signed on 1 st June 2018)	BIRAC	1,00,000	Yet to receive
International Projects	-	-	-	-
Any other	One year Sanctioned Date: 25 th July 2017	Social Audit Society of Tamilnadu (SASTA) (Training)	27,71,200	8,63,000
	Thought the year	Nodal Organisation, Childline, Thanjavur (Childline)	2,70,000	2,70,000

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(s)
Seminar on Career Opportunities in satellite technology and wireless sensor networks	ECE	28.07.2017
Seminar on Mobile Communication	ECE	07.08.2017
Workshop on Embedded Systems/IoT and Data Analysis	ECE	08.08.2017 & 09.08.2017
One day Seminar on Embedded Systems	ECE	04.07.2018
Workshop on Advanced Electronic System Design & Programming	ECE	20.07.2018
Seminar on Li- Fi Technology	ECE	20.07.2018
Awareness programme on Career Progression	ECE	27.09.2107
Language development and Students Achievement opportunities and challenges in Educational system.	Education	14.03.2018 & 15.03.2018
PECSAM 2017	CSA	13.10.2017
Life Skills for employment, Higher studies & Entrepreneurship	CSA	16.02.2018
One day National Seminar on “Entrepreneurship Development and Innovation in MSME Perspective”	Department of Mechanical Engineering	26/03/2018

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

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
An Electro-Pneumatic Projectile Launching Training System	Ms.C.Narmadha Ms.L.Jayanthi Mr.R.Rakesh Ms.L.Sarojini	Indian AIR Force	16.12.2017	PMIST
SRISTI-BIRAC Appreciation Award	Ms. B. Abarna	SRISTI-BIRAC	March 6, 2018	Biotech Innovation Ignition School (BIIS)

3.3.3 No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Centre	Name	Sponsored by
Periyar TBI	Periyar TBI	DST from 2006 - 2011 At present -Self Support
Name of the Start-up	Nature of Start-up	Date of commencement (Ongoing)
MuralikrishnanChinnadurai	Digital Media Publishing	Sep' 2017
Intello Automation PVT.Ltd	Internet of Things (I.O.T) for Home appliances	8th April 2017
Bio Cline	Herbal products	1st August 2013
VASTADMM	e-commerce based service providers	4th October 2017
BEST O FAST	e-commerce and computer hardware solutions	10th May 2018
Dronera The Indigenes	Custom UAV' S & Quad captor flying	11th September 2016
Tanbio R & D Solution	Food, Bio and Pharma product development	1st September 2016
Fermentech GSV	Bakery products and food enzymes	1 st August 2013
Ariviya Research and Innovation	Bio medical products	3 rd April 2017
Scigen Research and Innovation	Animal Cell Culture	4 th December 2017
Meditrina Food products and Nutraceuticals Research	Soya Bean snack , Hibiscus drink	1 st March 2017
AUGIOT Technology Solutions	Software solution	9 th February 2017
Lysine Biotech Private Limited	Natural Food Products	22 nd May 2018
AKSUN RESEARCH TERMINAL	Advanced Technology Training	9 th July 2018

3.4.1 Ph. Ds awarded during the year

Name of the Department	No. of Ph. Ds Awarded
Architecture	01
ECE	04
Biotechnology	02
English	03
Library & Information science	01
Management	02
Mathematics	01
Social work	01
Total	15

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

	Department	No. of Publication	Average Impact Factor, if any
National	Chemistry	-	-
	Aerospace	5	-
	Commerce	5	-
	ECE	-	-
	EEE	-	-
	Library	1	-
	Mathematics	17	-
	CSA	-	-
	Mechanical Engineering	-	-
	Physics	-	-
	Software Engineering	-	-
	Management Studies	79	-
	Biotechnology	-	-
	CSE	20	-
	Chemical Engineering	-	-
	Civil Engineering	10	-
	English	04	-
	Education	12	-
	Political Science	-	-
Architecture	-	-	
International	Chemistry	02	-
	Commerce	10	-
	ECE	12	$0.22/12 = 0.018$
	EEE	07	$0.67/7 = 0.095$
	Library	-	-
	Mathematics	3	-
	CSA	3	$0.6/3 = 0.2$
	Mechanical Engineering	2	$5.16 / 2 = 2.58$
	Physics	2	$2.3 / 1.15$
	Software Engineering	3	-
	Management Studies	-	-

	Biotechnology	12	18.993/12 = 1.58
	CSE	5	-
	Chemical Engineering	1	-
	Civil Engineering	4	-
	English	-	-
	Education	-	-
	Political Science	-	-
	Architecture	-	-

3.4.3 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	No. of publication
Civil Engineering	01 (Papers in International Conference Proceedings)
Commerce	03 (Papers in National Conference Proceedings)
ECE	07 (Papers in National Conference Proceedings)
Education	01 (Book Chapter)
EEE	07 (Conference Proceedings)
English	02 (Papers in National Conference Proceedings)
CSA	02 (Papers in International Conference Proceedings)
Mechanical Engineering	01 (Papers in International Conference Proceedings)
Software Engineering	07 (Papers in International Conference) 02 (Papers in National Conference Proceedings)

3.4.4 Patents published/awarded during the year

Patent Details	Patent status Published/Filed	Patent Number	Date of Award
Sequential Processing Hexagonal Reactor for Bio-degradable Hospital Waste	Design Patent filed 25 th June 2018	11003	-
Sequential Processing Hexagonal Reactor for Bio-degradable Hospital Waste	Provisional filed 15 th June 2018	TEMP/E-1/23916/2018-CHE	-
Vayux S1-Weaponry Dronebot for Defense Purpose	Provisional filed 9 th April 2018	9640	-
System and Method for securing and Analyzed Data	Provisional filed 15 th December 2017	78296	-
An Electro-Pneumatic Projectile Launching Training System	Provisional filed	TEMP/E-1/24702/2017-CHE PCT/IB2018/05524 2	- PCT - 17 th July - Applied

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 the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication
Effect of Deformation Behavior on Hypersonic Waverider on the Impact of Leading Edge radius	Muthuraman R K	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2018	Google scholar	Periyar Maniammai Institute of Science & Technology
Characterization of Reflective Coating Material to Enhance the Photon Propulsion in Solar Sail	Suresh R	International Journal for Applied Science & Engineering Technology (IJRASET)	2018	Google scholar	Periyar Maniammai Institute of Science & Technology
Experimental and Numerical Analysis of Fibre Metal Laminate (FML) Composites for Aircraft Spar	Suresh R	International Journal of Modern Trends in Engineering and Science (IJMTES)	2018	Google scholar	Periyar Maniammai Institute of Science & Technology
Experimental and Numerical Analysis of Aircraft Mid-Rib with Various Cutouts	Suresh R	International Journal of Modern Trends in Engineering and Science (IJMTES)	2018	Google scholar	Periyar Maniammai Institute of Science & Technology
Design and Analysis of Multipurpose Servo-Based Gimbal for Airborne Vehicle	Ramani R	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2018	Google scholar	Periyar Maniammai Institute of Science & Technology
Cautious usage of advance technology in banking sector	S. Thillai Ganesh U. Pavendhan	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University
A study on best employee welfare benefits provided by IT company	R. Abinaya R. Subha	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University
A conceptual study on claim process flow in life insurance	J. RexanaSalihan M. Rajeshwari	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University

A study on incidence of drunken driving in Thanjavur District	S. Elson K. V. R. Rajandran	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University
A study on trends of personal selling in India	J. Priyadharshini E. Anushree	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University
Probationary Officers training programme offered in banking sector	S. P. Devika N. Shalini	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University
A conceptual study on achieving work-Life balance	E. Anushree M. J. Mohamed Riswan	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University
A conceptual study on quality of work life in women employees	S. Sindhuja E. Sivapriya	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University
Recruitment Strategy followed in IT sector	R. Anandha Kumar J. Kumaresan D. Sharmily	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University
Logistics management in manufacturing industry	D. Sharmily	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University
The study on employees' retention strategy	G. ShukunKarthika J. RexanaSalihan	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University
The study on the effects of training and development with reference to MBA Students in Periyar Maniammai University, Vallam.	G. ShukunKarthika K. V. R Rajandran	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University
The logistics management system in G. K. Dairy, Tamil Nadu	G. ShukunKarthika	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University
A study on logistics management in industry	B. Mohamed Rafi R. Srivarshini M. Thenmozhi	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University
A study on quality circle and its impact on productivity in organization	B. Malarkodi J. Priyadarshani K. Vinothini	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University

A Study on supply chain management followed by manufacturing industry	M. J. Mohamed Riswan B. Malarkodi	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University
A study on investigating the relationship between rewards and motivation among employees	M. Rajeshwari V. Pradeeba	Indian Journal of Current Research	2017	UGC Listed	Periyar Maniammai University
A study on impact of celebrity endorsement on consumer buyers behaviour with reference to Kombakonam	KVR. Rajandran	Asian Pacific Journal of Research	2017	UGC Listed & Google Scholar	Periyar Maniammai University
A study on consumer behaviour towards smart phones with reference to Kumbakonam	KVR. Rajandran	Asian Pacific Journal of Research	2017	UGC Listed & Google Scholar	Periyar Maniammai University
A study on Organisational stress in ITES employees working in MNC companies of TamilNadu	KVR. Rajandran	International Journal of Management	2017	UGC Listed & Google Scholar	Periyar Maniammai University
To study the impact of involvement on employee performance in organization culture in HUDCO	KVR. Rajandran	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A study on factor affecting work life balance of women employees	KVR. Rajandran	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A study on factors influencing the effectiveness of grievance handling in the organization	KVR. Rajandran	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Study the relationship of organizational culture and employee attitude in octamer technology Pvt, ltd.	KVR. Rajandran	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A study on the effectiveness of performance appraisal method followed at Rajeshwari Engineering Industries	KVR. Rajandran	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology

A study on relationship between organization members with performance appraisal	KVR. Rajandran	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A study on employee welfare benefits and its impact on employee at texcity, Tirupur	KVR. Rajandran	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Relation between motivation factors and employee performance with reference to Sri Rajeshwari Engineering Industries, Trichy	KVR. Rajandran	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A study on the employee satisfaction with performance appraisal system reference to Sri Rajeshwari Engineering Industries	KVR. Rajandran	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Skill India through Industrial training institutes	KVR. Rajandran	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Study on types of grievance raised by employees with reference to Prabha associates, chennai	KVR. Rajandran	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A study on the influence of welfare scheme on employee performance reference to Texcity Apparels, Tripur	Dr. KVR. Rajandran	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Impact of employee sentiments towards organization culture in octamer technologies pvt ltd	KVR. Rajandran	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A study on factors affecting the performance management with reference to Sri Rajeshwari Engineering Industries, Trichy	KVR. Rajandran	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology

A study on employee satisfaction and organization culture with reference to HUDCO	KVR. Rajandran	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
To study on the training program effectiveness at Octamer, Chennai	KVR. Rajandran	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A study on work-life balance of women employees	KVR. Rajandran	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A critical analysis of the interdependence of leadership and followership with special reference to Robert Kelley's followership style	KVR. Rajandran	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A comparative study on consumer preference towards agricultural based perishable products from the farmer's market and retail markets	KVR. Rajandran	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Stress and women employees in Indian Banks	KVR. Rajandran	Nehru School of Management Journal	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A study on role stress among bank employees	KVR. Rajandran	AJANTA PRAKASHAN-An International Multidisciplinary Quarterly Research Journal	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Relationship Between Organization Involvement And Employee Retention With Reference To Octomer Private Limited, Chennai	Sathyapriya.J	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Impact Of Various Factors On Resistance To Change In Octamer Private Ltd, Chennai	Sathyapriya.J	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology

Relationship Between Employee Motivation And Existing Performance Appraisal System In Pounds Apparels, Tirupur	Sathyapriya.J	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Employee Absenteeism And Its Impact On Employee Productivity At TTK Healthcare, Chennai	Sathyapriya.J	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Relationship Between Employee Well-Being And Organizational Productivity At TTK Healthcare, Chennai	Sathyapriya.J	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Impact Of Performance Of Employee With Training And Development In Pounds Appraisal	Sathyapriya.J	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Impact Of Employee Welfare Facilities On Job Satisfaction At Sri Rajeswari Engineering Industries, Trichy	Sathyapriya.J	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Intrapreneurship As A Innovative Strategy For Talent Retention In Private Banking Sector, Thanjavur	Sathyapriya.J	International Journal of Advance and Innovative Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Motivation Factors Influencing Retention Strategy At Octomer Private Limited, Chennai	Sathyapriya.J	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A Study On Training Factor Influencing In Employee Productivity At Pounds Apparels, Tirupur	Sathyapriya.J	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Employees Satisfaction Towards The Organisation's Welfare Measures At Sri Rajeswari Engineering Industries, Trichy	Sathyapriya.J	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology

A Study On Causes Of Change And Its Effect On Employee Behaviour With Reference To Octamer Private Ltd, Chennai	Sathyapriya.J	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
To Measure The Fairness In Appraisal And The Attitude Of Superior Towards Subordinate At Pounds Apparels 132 Tiruppur	Sathyapriya.J	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Impact Of Organizational Productivity On Employee Satisfaction Level At TTK Healthcare, Chennai	Sathyapriya.J	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Impact Of Workplace Environment On Employee Productivity At TTK Healthcare, Chennai	Sathyapriya.J	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Impact Of Sales Promotional Strategy In Cholayil Private Limited, Chennai	P.Guru	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Relationship Between Level Of Satisfaction Of Existing Grievance Handling Procedure And Grievance Receiving Methods At Ashok Leyland, Plant-I, Hosur	P.Guru	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Satisfaction Level Of Buyers Towards Apparel Manufacturer With Reference To Unisource Treend India Pvt Ltd, Tirupur	P.Guru	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Relationship Between Advertising On Brand Preference Of Consumers Towards The India Cements Ltd With Reference To Ariyalur District	P.Guru	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology

Impact Of Pre And Post Implementation Of E-Scm In Cholayil Private Limited, Chennai	P.Guru	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Factors Influencing Customers Loyalty With Reference To The India Cements Ltd, Ariyalur	P.Guru	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
To Identify The Relationship Between Factors Influencing Organizational Stress And Employees Behavior In Cholayil Pvt Ltd	P.Guru	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A Study On Factors Influencing Research Interest Among Engineering And Management Students With Reference Trichy District	Sathyapriya.J P.Guru	International Journal of Advance and Innovative Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Impact Of Factors On Buyer Satisfaction With Reference To Unisource Trend India Private Limited, Tirupur	P.Guru	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Impact Of Organizational Stress On The Employees Performance In Cholayil Pvt Ltd., Chennai	P.Guru	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Relationship Between Brand Image And Customer Loyalty With Reference To The India Cements Ltd, Ariyalur	P.Guru	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Advertising Factors Influencing Consumer Behaviour With Reference To The India Cements Ltd, Ariyalur District	P.Guru	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Challenges Of Electronic Supply Chain Management	P.Guru	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology

A Conceptual Study Of Distribution Channel System In Cholayil Private Limited	P.Guru	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Level Of Satisfaction Of Existing Grievance Handling Procedure At Ashok Leyland, Plant-I, Hosur	P.Guru	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Sales Promotion Strategy In Cholayil Private Limited, Chennai R.	P.Guru	Shanlax International Journal of Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
An Analysis of the supply chain system to improve the lead time in an Apparels Manufacturing unit, Tirupur	Dinu Raj S	Shanlax International Journal for Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
An Analysis in the factors related to Employee Motivation in a manufacturing Unit	Dinu Raj S	Shanlax International Journal for Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A root cause analysis of the production issues an Apparels Manufacturing unit, Tirupur	Dinu Raj S	Shanlax International Journal for Management	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Relationship between Job security and Employee Motivation	Dinu Raj S	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A study on the existing production process in an apparel manufacturing unit, Tirupur	Dinu Raj S	Asia Pacific Journal of Research	February 2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
A study on the supply chain management process in an apparels manufacturing unit, Tirupur	Dinu Raj S	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology
Women Entrepreneur in Chennai City: An empirical Study	R.Angayarkanni	Asia Pacific Journal of Research	2018	UGC Listed & Google Scholar	Periyar Maniammai Institute of Science & Technology

Process Improvement of Fiber Glass Industry	P.K.Srividhya,	International Journal of Performability Engineering	2017	Google Scholar	Periyar Maniammai University
Electrochemical Studies on Corn cob Derived Activated Porous Carbon For Supercapacitors Application In Aqueous And Non-Aqueous Electrolytes	P.K.Srividhya	Electrochimica Acta	2017	Google Scholar	Periyar Maniammai University
Thermal Behavior And Pyrolytic Kinetics of De-oil <i>Jatropha</i> Seed Cake	P.K.Srividhya & J.Thiagarajan	Journal of Advanced Engineering Research	2017	Google Scholar	Periyar Maniammai University
Technologies Involved In Biomass To Energy Conversion And Its Utilization In India	P.K. Srividhya and Siripurapu Sriram	International Research Journal of Engineering And Technology (IRJET)	2017	Google Scholar	Periyar Maniammai University
Thermal kinetics and syngas production on co-gasification of deoiled <i>Jatropha</i> seed cake residues with wood chips	P.K.Srividhya and J.Thiagarajan	International Journal of Renewable Energy Research	2018	Google Scholar	Periyar Maniammai University
Study on Effects of spring back on sheet metal bending using Simulation methods	D.Jeyasimman	International Journal of Mechanical and Production Engineering Research and Development	2018	Scopus	Periyar Maniammai University
Investigation on dry sliding wear behavior of Mg/BN nanocomposites	D.Jeyasimman	Journal of Magnesium and Alloys	Accepted –Now Article in press	Scopus-Elsevier	Periyar Maniammai Institute of Science and Technology
The coating on Al 6061 aluminium alloy surface with WC/Ni powder compact electrode using EDM.	S. Karthi, N.Sivaharinathan and A.Mohamed Ismail	International Journal of Trend in Scientific Research and Development	2018	Google Scholar	Periyar Maniammai Institute of Science and Technology
Computational Analysis and Optimization of spiral plate Heat Exchanger	C.M.Vivek	Journal of Applied Fluid Mechanics	Accepted –Now Article in press	Google Scholar	Periyar Maniammai Institute of Science and Technology
Process modeling and investigations in to the electrochemical discharge drilling of soda-lime-silica-glass	T.Aneesh	Int. J.Additive and Subtractive Materials Manufacturing	2018	Google Scholar	Periyar Maniammai Institute of Science and Technology

A Review of MAC Scheduling Algorithms in LTE system	Satheesh Monikandan B and Babu SPK	International Journal on Advanced Science Engineering and Informaion Technology	2017	Scopus indexed	Periyar Maniammai University
Dynamically Reconfigurable queue for intel IXP2400 Network Processor	A. Satheesh D.Kumar P.Dharmalingam and TKS Lakshmipriya	Journal of Internet Technology	2017	Scopus indexed	Periyar Maniammai University
New –Newtonian and Newtonian blood flow in human aorta: A Transient Analysis	R. Vinoth D. Kumar Raviraj Adhikari CS Vijaysankar	Biomedical Research	2017	Scopus indexed	Periyar Maniammai University
In vitro Cytotoxicity Assesment of Nano Selenium in mice for its Biocompatibility as feed supplement	N. Arulananthan I R. Karunakaran V. Balakrishnan M.Chellapandian K.Geetha A. Sabareeswaran	Indian Veterinary Journal	2017	Scopus indexed	Periyar Maniammai University
Enhancement of Backward Compatibility in Software Communication Architecture(SCA) Standards among SCA compliant Software Defined Radio (SDR)	Thinakaran N, Kumar D, Saikrishnan P, N. Vetrivelan, Vimala C	International Journal of Advanced Research in Computer Science (IJARCS)	2017	Scopus indexed	Periyar Maniammai University
Performance study of Content Based Image Retrieval System	L.Jayanthi, K.Lakshmi,	International Journal of Electronics and Communication Engineering and Technology (IJECT)	2017	Scopus indexed	Periyar Maniammai University
An Improved Algorithm For Automatic Color Image Segmentation	A.Gokulanathan, R.Chandrasekaran and C.Rajanandhini	Published Paper in Indian Journal of Scientific Research Paper	2017	Scopus indexed	Periyar Maniammai University
V2X Technology in Metro trains using Internet of Things (IOT) and Automatic train supervision (ATS) for smart cities	Vidya viswanathan, T.Teresal, S.Dhanabal,	Journal of Computing Science and Engineering	2017	Scopus indexed	Periyar Maniammai University
“Vertical Edge based car License plate detection method”, IOSR	A.R.Isra, A.Goukalanathan	Journal of Electrical and Electronics Engineering	2017	Scopus indexed	Periyar Maniammai University
“Advanced composites - organic nanoscaffolds for wound healing”.	S. Kanimozhi,R. Suganthi, M. Monika, S. Harini and K. Geetha,	Indian journal of Science and Research.	2017	Scopus indexed	Periyar Maniammai University

Train Track Monitoring Cum Bridge Overload Detection System	S.Mangalapriya, V.Violet juli C.Rajanandhini	International Journal of Scientific Research in Science, Engineering and Technology	2018	Scopus indexed	Periyar Maniammai Institute of Science & Technology
IOT Based Myocardial Infarction detection Using Heart Pulse Monitoring	J. John Chris Suvitha, A. Reshma Begam C.Rajanandhini	International Journal of Scientific Research in Science, Engineering and Technology	2018	Scopus indexed	Periyar Maniammai Institute of Science & Technology
Analysis of Sn Concentration Effect on Morphological, Optical, Electrical and Photonic Properties of Spray-Coated Sn-Doped CdO Thin Films	<u>A. Kathalingam, K. Kesavan, Abu ul Hassan Sarwar Rana, Joonhyeon Jeon and Hyun-Seok Kim</u>	Coatings	2018	Scopus indexed Web of Science	Periyar Maniammai Institute of Science and Technology, Thanjavur
Comparative study of solar drying characteristics and thin layer mathematical modeling of mango and cluster beans in two types of solar driers	AR. Umayal Sundari	International Journal of Latest Engineering Research and Applications	2017	Google Scholar	Periyar Maniammai Institute of Science and Technology
Band gap Engineered Nb ₂ O ₅ thin films fabricated from β-diketone derivatives of Niobium alkoxides for efficient photocatalysis	Mohd. Danish	Journal of Advanced Materials Proceedings	2018	Scopus indexed	Periyar Maniammai University
Defended data transmission scheme based reliable metering for smart grid applications”.	N. Muruganatham	International Journal of Networks, Software Tools and Applications (Cluster Computing),	2018	Scopus, Web of Science, (Springer Publication)	Periyar Maniammai Institute of Science and Technology
Two-Switch Boosting Switched Capacitor Converters	N. Muruganatham	International Journal for Scientific Research and Development,	2018	Google scholar	Periyar Maniammai Institute of Science and Technology
Hard Switching and Soft Switching Performance of Single Phase Push Pull inverter	M. A. Inayathullaah	International Journal for Scientific Research and Development,	2018	Google scholar	Periyar Maniammai Institute of Science and Technology
Nano-composites of Nafion for Fuel Cell Application	K. Arun Ganesh	International Journal of Ethics in Engineering & Management Education-	2018.	Scopus, Google scholar	Periyar Maniammai Institute of Science and Technology

Harmonic Mitigation and Reactive Compensation by SRF/MCPWM Control of MLI-STATCOM in Power Distribution Network	M. Sathiskumar	International Journal of Pure and Applied Mathematics	2018	Scopus, Google scholar	Periyar Maniammai Institute of Science and Technology
IOT based controlling and monitoring of Energy Meter using ARM	L. Sarojini	International Journal of advanced research trends in engineering and technology	2018	Google scholar	Periyar Maniammai Institute of Science and Technology
Design and Simulation of Improved High Gain Chopper by using Switched double inductor Components	B.Balaji	International Journal for Scientific Research and Development	2018	Google scholar	Periyar Maniammai Institute of Science and Technology
A Survey on Data Analysis Framework	A.George and M.Sharmila Begum	International Journal of Engineering & Technology	2017	Google Scholar	Periyar Maniammai Institute of Science & Technology
Functors in the category of graphs	S.Buvaswari	Global Journal of Pure and Applied Mathematics	2017	Google Scholar	Periyar Maniammai Institute of Science & Technology
Dual Connected Dominating Sets for Load Balancing in Manets	A.George	Journal of Advanced Research in Dynamical & Control Systems	2018	Scopus	Periyar Maniammai Institute of Science & Technology
3-(4-chlorobutyl)-3H-indole-5-carbonitrile-Corrigendum	D. Manikandan1, S. Gomathi, J.S. Nirmalram, S.S.Tagore, V. Sethuraman, J.Agim and R.Butcher	Internation Union of Crystallography-Data	2017	Google Scholar	Periyar Maniammai University
Performance Evaluation of Paper Mill Effluent in a Granular Bed Hybrid Up-flow Anaerobic Sludge Blanket (HUASB) Reactor	A. Sangeetha R.Ambalavanan	Nature Environment and Pollution Technology	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
A Survey on Data Analytic Tools	D. Maghesh Kumar, D. Christy Sujatha, M. Chandrakumar Peter	Indian Journal of Science and Research	2017	Google Scholar	Periyar Maniammai University

A study on Big Data Visual Analytics	K. Meena and P. Ilangoan	Indian Journal of Science and Research	2017	Google Scholar	Periyar Maniammai University
A Survey on Event Detection in Surveillance Videos	S.Manjula, K.Lakshmi	Indian Journal of Science and Research	2017	UGC Approved	Periyar Maniammai University
Implementing Outcome Based Education Tool to Enhance Student Learning	M. Sharmila Begum, P. Aruna	Indian Journal of Scientific Research	2017	Google Scholar	Periyar Maniammai University
A Survey on Data Analytics Framework	M.Sharmila Begum, A.George	International Journal of Engineering and Technology (IJET)	2017	Google Scholar	Periyar Maniammai University
A Survey on Interference Mitigation Techniques for 2.4 GHz ISM Band	P. Aruna, A. George	International Journal of Advanced Research in Computer Engineering & Technology	2017	Google Scholar	Periyar Maniammai University
Big Data Analytics: Evolution, Process, Challenges and Research Issues	D. Christy Sujatha, J.Gnana Jayanthi	International Journal of Computer & Mathematical Sciences	2017	Google Scholar	Periyar Maniammai University
An Integrated Data Analytic Framework with Enhanced Security using Hybrid Hardware and Software based encryption/decryption	M. Sharmila Begum, A. George	IEEE Explore	2018	IEEE	Periyar Maniammai Institute of Science & Technology
Data analytic framework with secured embedded system for crime sector	M. Sharmila Begum, A. George	International Journal of Pure and Applied Mathematics	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Spatial Interference Mitigation between Wireless Personal Area Network and Wireless Local Area Network	P. Aruna, A. George	International Journal of Pure and Applied Mathematics	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
A Comparative Study on Big Data Frameworks	K. Mohan Kumar, D. Maghesh Kumar	International Journal of Emerging Technology and Advanced Engineering	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Address Configuring Mechanisms in IPv4/v6 MANET – A Pragmatic Survey	S. Manimozhi, M.Chandrakumar Peter, J. Gnana Jayanthi	International Journal of Emerging Technology and Advanced Engineering	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology

Data Analytic Framework For Crime Sector Using Open Grid Rule Generation Algorithm	M. Sharmila Begum, A.George	International Journal of Engineering & Technology	2018	Scopus	Periyar Maniammai Institute of Science & Technology
Biological finger printing of microbial diversity in vermicompost of different raw materials	Aruna AP, Purushothaman Balakrishnan, Kumaran Shanmugam, Rajendran K	Indo American Journal of Pharmaceutical Research	2017	Google Scholar	Periyar Maniammai University
Isolation and characterisation of cellulolytic activity of bacteria and fungi from the soil of paper recycling unit at Periyar Maniammai University	Saranya ,Jeyajothi Kalimuthu , Purushothaman Balakrishnan, Prasanna Srinivasan Ramalingam, Shylaja Parthasarathi, Bhuvaneshwari Ganesan, Rajendran Kaliyaperumal, Balu Ranganathan, Kumaran Shanmugam	Indo American Journal of Pharmaceutical Research	2017	Google Scholar	Periyar Maniammai University
Fabrication of arrayed metal oxide structures by electrochemical local oxidation using metallic tip with electric field and humidity	A.Kathalingam, Kumaran Shanmugam, Hyun-Chang Park, Hyun-Seok Kim	Journal of Materials Processing Technology	2018	Web of Science	Periyar Maniammai University
Role of Partially Saturated Canthaxanthin and Ergosterol in the Survival of <i>Aspergillus carbonarius</i> Mutant at Extreme Acidic Condition	A. Kumar A. Mathimaran A. H. Shrikanta V. Govindaswamy	Microbiology	2018	Web of Science	Periyar Maniammai University
Fabrication of robust superhydrophobic coatings using PTFE-MWCNT nanocomposite: Supercritical fluid processing	Rajiv Subramanian Kumaran Shanmugam Sathish Marappan	Surface and Interface Analysis	2018	Web of Science	Periyar Maniammai Institute of Science & Technology
Maskless patterned growth of ZnO nanorod arrays using tip based electrolithography	A.Kathalingam, Dhanasekaran Vikraman, K.Karuppasamy, Hyun-Seok Kim, Hyun-Chang Park, Kumaran Shanmugam	Materials Science in Semiconductor Processing	2018	Web of Science	Periyar Maniammai University

Performance Evaluation of Paper Mill Effluent in a Granular Bed Hybrid Up-flow Anaerobic sludge Blanket (HUASB) Reactor	A. Sangeetha, R. Ambalavanan, J. Santhosh and G. Thirumal Murugan	Nature Environment and Pollution Technology	2018	Google scholar	Periyar Maniammai University
In vitro study on the effect of nanoparticles and transfersomes as targeted drug carrier for cancer	M. Karthikeyan	Nanoscience & Nanotechnology-Asia	2018	Scopus	Periyar Maniammai Institute of Science & Technology
Development of a Cytosensor for the Detection of Fusarium Oxysporum-A Functional Approach Towards Bioanalytical Applications	Subrahmanyam, Sreenath, Amit Balakrishnan, Renuka Viswanathan, Harrison Patrick Douglass, Ashok Vardhan Raja, Akash Barathan, Amaan Usmani, and Kumaran Shanmugam.	<i>European Scientific Journal, ESJ</i>	2018	Google scholar	Periyar Maniammai University
Use of a Potential Probiotic, Lactobacillus casei L4, in the Preparation of Fermented Coconut Water Beverage	Giri Sib S, Sukumaran, Venkatachalam (presently not working), Sen Shib S, Park, Se Chang	Frontiers in Microbiology	2018	Web of Science	Periyar Maniammai University
Therapeutic Effect of Intestinal Autochthonous Lactobacillus reuteri P16 Against Waterborne Lead Toxicity in Cyprinus carpio	Giri Sib Sankar, Yun, Saekil, Jun Jin Woo, Kim Hyoun Joong, Kim Sang Guen, Kang Jeong Woo, Kim Sang WhaHan, Han Se Jin, Sukumaran V (presently not working), Park Se Chang	Frontiers in Immunology	2018	Web of Science	Periyar Maniammai University
Hydrodynamic behaviour of a laboratory scale hybrid upflow anaerobic sludge blanket reactor	A. Sangeetha	Indian Journal chemical Technology	2018	Google Scholar	Periyar Maniammai University
IoT for monitoring diabetic patients	K. Lakshmi	International Journal of Advanced Research, Ideas and Innovation in Technology	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology

Predicting effective course conduction strategy using Datamining techniques	K. Lakshmi	Education Research and Reviews	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Pattern Analysis Of Blooms Knowledge Level Students	K. Lakshmi	IEEE	2017	IEEE	Periyar Maniammai Institute of Science & Technology
Predicting The Course Knowledge Level of Students	K. Lakshmi	IEEE	2017	IEEE	Periyar Maniammai Institute of Science & Technology
Centralized Sensing and Scheduling in Multi-User Cognitive Radio Networks	K. Lakshmi	International Journal of Applied Engineering Research	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Naive Bayesian Model for Predicting Mode of Delivery	K. Lakshmi	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2017	Google Scholar	Periyar Maniammai Institute of Science & Technology
An Association Rule Mining based Learning Analytics using Bloom's Taxonomy	K.Lakshmi	International conference on Big-data and Cloud Computing (ICBDCC 17)	2017	Google Scholar	Periyar Maniammai Institute of Science & Technology
A Survey on Hierarchical-Based Routing Protocols for Wireless Sensor Networks	A.E.Narayanan	International Journal of Pure and Applied Mathematics	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
A Brief study on Semantic Net Compare with current Net components	A.E.Narayanan	Mathematical Sciences International Research Journal	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
IoT Based Agriculture System	A.E.Narayana	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
'A Study of Easy Educational Data Mining for E-Learning Log Data from complex and large Dataset	A.E.Narayanan	International Journal of Innovations in Engineering and Technology	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology

Wheeled Robotic System for Restaurants	R.Poonguzhali	Fifth International Conference on Trends in Technology and Engineering at Arjun College of Technology, Coimbatore, 2018	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Sentiment Analysis on LinkedIn Comments	R.Poonguzhali	International Conference on Newer Engineering Concepts and Technologies (ICONNECT2K18)	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Clustering of Electricity Consumption of Big Data Application,	S.P.Ramya	International Journal of Engineering Research & Technology, 2278-0181, Vol 6, Issue 7	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Overview of Sentimental Analysis on Social Media	S.P.Ramya	International Conference on Newer Engineering Concepts & Technology-2K18 (iConnect2K18)	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Monitoring and Analysis of Massive Data in MCN	S.P.Ramya	International Conference on Newer Engineering Concepts & Technology-2K18 (iConnect2K18)	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Analysing the Performance of Twitter Data with R-Programming,	S.P.Ramya	International Conference on Information Technology(ICIT-2K18)	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Clustering of Electricity Consumption of BigData Application	S.P.Ramya	National Conference on High Performance Computing(NCHPC2K18)	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Challenges And Issues Of Healthcare In Internet Of Things (IoT)	S.Suseela	International Journal of Latest Trends in Engineering and Technology	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Social Impact Of Cyber Physical System	S.Suseela	International Journal of Latest Trends in Engineering and Technology	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Challenges, Technologies and Components of Wireless Sensor	S.Suseela	International Journal of Engineering Research and Technology	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
E Commerce product Routing based on customer service mining	P.Ilangovan	National Conference on Advanced Communication Computing and Power Systems	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology

Soft Computing Techniques for Enhancing Software Reliability,	P.Dhavakumar	International Journal of Latest Trends in Engineering and Technology, e-ISSN:2278-621X/Special Issues/ 133-140	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Error prediction techniques for improving software reliability	P.Dhavakumar	Information Technology and Communication(NCRTIC'18)	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Dynamic program slicing for improving software quality,	P.Dhavakumar	Information Technology and Communication(NCRTIC'18)	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Studies On Self-Compacting Concrete	Priyanka N, V.A. Shanmugavelu, and R. Ambalavanan	International Journal Of Innovative Research In Science Engineering Technology	2017	Google Scholar	Periyar Maniammai University
Compressive Behaviour Of Concrete Filled Steel Tube Cylinders	R. Preethi, V.A. Shanmugavelu and R. Ambalavanan	International Journal Of Innovative Research In Science Engineering Technology	2017	Google Scholar	Periyar Maniammai University
Analysis and Design of Angle/Tension Type Double Circuit Tower for 110kv Transmission Line with Extension for Railway Line Crossing to Achieve Vertical Clearance Using STAAD Pro V8i	G.Rajalakshmi, V.A.Shanmugavelu, and R.Ambalavanan	International Journal of Innovative Research in Science, Engineering and Technology	2018	Google Scholar	Periyar Maniammai University
Characterisation Of Household Solid Waste In The Town Of Thanjavur	D.Thayalnayaki and R.Jayanthi	Indian Journal Of Scientific Research	2017	Google Scholar	Periyar Maniammai University
Column study on landfill leachate using Natural Adsorbent	K.Priyanka and D.Thayalnayaki,	International Journal of Advances in Engineering Research	2018	Google Scholar	Periyar Maniammai University

Anaerobic Co-Digestion Process And Pretreatments Of Organic Waste: A Review	J.Santhosh, R. Jayanthi and N. Ramachandran	Indian Journal Of Scientific Research	2017	Google Scholar	Periyar Maniammai University
Anaerobic Codigestion Process And Pretreatment	Madan Mohan.T and Santhosh.J,	International Journal Of Innovations In Applied Sciences &Engineering	2017	Google Scholar	Periyar Maniammai University
Development Of A Cold Formed Steel Housing System	A.ShabariIndhuja, D. Narendraprasad	International Journal Of Innovative Research In Science Engineering Technology	2017	Google Scholar	Periyar Maniammai University
Analysis And Design Of Various Types Of Isolated Footings.	S. Balachandar D.Narendraprasad	International Journal Of Innovative Research In Science Engineering Technology	2017	Google Scholar	Periyar Maniammai University
<i>Investigation On Cement Concrete At Mixed With Egg. Shell Powder</i>	B. Divya, K. Vasanthavalli and R. Ambalavanan	International Journal Of Innovative Research In Science Engineering Technology	2017	Google Scholar	Periyar Maniammai University
Anaerobic Co-Digestion Process And Pretreatments Of Organic Waste: A Review	J. Santhosh, R. Jayanthi and N. Ramachandran	Indian Journal of Scientific Research	2017	Google Scholar	Periyar Maniammai University
Characterisation Of Household Solid Waste In The Town Of Thanjavur	D.Thayalnayaki & R.Jayanthi.	Indian Journal of Scientific Research	2017	Google Scholar	Periyar Maniammai University
Studying the Urban Characteristics of a Heritage Town to Develop Sustainable Urban Strategy – A Case Study of Kumbakonam	Yogapriya. G and Senthamilkumar, S.	International Research Journal of Engineering and Technology	2017	Google Scholar	Periyar Maniammai University
Performance Evaluation of Traditional and Modern Residential Buildings for Thermal Comfort by Questionnaire Survey in Thanjavur	Subramanian C V, Ramachandran N, and Senthamilkumar S.	International Journal of Civil Engineering & Technology	2017	Scopus	Periyar Maniammai University

IMPACT OF USING MEDIA AS A TOOL TO HARNESS VOCABULARY	K.Selvam	Shanlax International Journal	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
INCORPORATING AND ENHANCING THE SPEAKING SKILLS OF DEGREE STUDENTS AS A SOFT SKILL	K.Selvam	Shanlax International Journal	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
TOP TEN ICT TOOLS FOR THE TEACHERS OF ENGLISH LANGUAGE IN HIGHER EDUCATION	C. Priya	Shanlax International Journal	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
A NEED FOR AN OUTSTANDING PROGRESS IN THE ACQUISITION OF ENGLISH LANGUAGE LEARNING	A. Suraiya	Shanlax International Journal	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Dual Connected Dominating Sets for Load Balancing in Manets	A.George	Journal of Advanced Research in Dynamical & Control Systems	2018		Periyar Maniammai Institute of Science & Technology
Edge – Odd gracefulness of some graphs	C.Vimala	International Journal of Latest Trends in Engineering and Technology	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Edge – Odd gracefulness of the graphs $P_{2n}, nP_4 + 2P_n$ and $F_{2, n}$	C.Vimala	International Journal of Latest Trends in Engineering and Technology	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Edge Odd Gracefulness Of The Graph $P_m + 2S_n, K_{1, n} (T_p)$ and $S_3 \square S_n$	C.Vimala	International Journal of Scientific Research and Review	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology

Edge Odd Gracefulness of The Graph $P_{12} + 2S_n$ And $P_8 + N_n$	C.Vimala	International Journal of Scientific Research and Review	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Edge – Odd gracefulness of some graphs	A.Sasikala	International Journal of Creative Research Thoughts	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Edge – Odd gracefulness of the graphs $P_{2n}, nP_4 + 2P_n$ and $F_{2, n}$	A.Sasikala	International Journal of Latest Trends in Engineering and Technology	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Mean Graceful Labeling of Some Graphs	A.Sasikala	International Journal of Scientific Research and Review	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Prediction of Student’s Academic Performance Using Fuzzy Inference System	P.Vijayalakshmi	International Journal of Scientific Research and Review	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Multi item fuzzy inventory model with shortages through just in time; Karush Kuhn Tucker conditions approach,	J.Jayanthi	International Journal of Creative Research Thoughts	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Multi Item Fuzzy Inventory Model for Imperfect Items with Uncertain Lead Time and Unreliable Holding Cost; A Geometric Programming Approach	J.Jayanthi	International Journal of Engineering and Scientific Research	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Multi Item Inventory Model for with Uncertain Lead Time and Varying Holding Cost via Geometric Programming; A Fuzzy Approach	J.Jayanthi	International Journal of Engineering and Scientific Research	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology

A Study On Pagerank Algorithm using Markov Chain Model	R.Arumugam	Shanlax International Journal of Arts Science and Humanities	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Applications of Stochastic Models on Test – Mis – Scaling in Educational and Psychological Measurement	Dr.R.Arumugam	International Journal of Recent Trends in Engineering and Research	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Applications of Man power system with various Qualifications in Educational Institutions Using Mortality Table Techniques	Dr.R.Arumugam	International Journal of Modern Trends in Engineering and Research	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Shortest Path Problems Using Complete Partitions	P.Geetha	International Journal Applied Engineering Research	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Applications of Man power system with various Qualifications in Educational Institutions Using Mortality Table Techniques	Dr.R.Arumugam	International Journal of Modern Trends in Engineering and Research	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
A study of family distress of prospective teachers in Thoothukudi district	Amutharanjini, G & Mohanasundaram.K	Shanlax International Journal of Arts, Sciences and Humanities	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Effect of media usage on the selected backround variables of prospective teachers	Vijayalakshmi, S & Mohanasundaram.K	Shanlax International Journal of Arts, Sciences and Humanities	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Awareness about Adversity Quotient among Secondary teacher trainees	Ayyappan, R& Mohanasundaram.K	Shanlax International Journal of Arts, Sciences and Humanities	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology

Development of Language among Kids	Vanitha K	Shanlax International Journal of Arts, Sciences and Humanities	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
The Effective of Visual, Auditory and Kinesthetic Learning Styles on Language Teaching	Anusuya (a) Priya C	Shanlax International Journal of Arts, Sciences and Humanities	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
A Survey on Educational Data Mining in Field of Performance Analysis and Prediction in Education	Sethurajan K	Shanlax International Journal of Arts, Sciences and Humanities	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
A Study of Home Environment of Higher Secondary School Students and Their Academic Achievement in Chemistry	Thamilvanan, G & Pazhanivelul	Shanlax International Journal of Arts, Sciences and Humanities	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Behaviour of School Students inside and Outside the Classroom	Thamilvana, G & Pazhanivelul	Shanlax International Journal of Arts, Sciences and Humanities	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Study on PageRank Algorithm using Markov Chain Model	Rajathi, M. & Arumugam, R	Shanlax International Journal of Arts, Sciences and Humanities	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Applications of Stochastic Models on Test mis-scaling in Educational and Psychological Measurement	Arumugam, R. & Rajathi, M	International Journal of Recent Trends in Engineering and Research (IJRTER)	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
Mobile phone practice among Higher Secondary School students	Vijayalakshmi, S & Mohanasundaram.K	Shanlax International Journal of Arts, Sciences and Humanities	2017	Google Scholar	Periyar Maniammai University
Applications of manpower levels for business using six and eight point state space in the stochastic models	Arumugam, R & Rajathi, M	International Journal of Statistics and Applied Mathematics	2017	Google Scholar	Periyar Maniammai University

CiteScore: A new-fangled metric available for determining the citation impact of scientific journals	Pitchai Balakumar and Sokkalingam A Dhanaraj	Manipal Journal of Pharmaceutical Sciences	2018	Google Scholar	Periyar Maniammai Institute of Science & Technology
--	--	--	------	----------------	---

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

Institutional h-index- 21 (Periyar Maniammai University + Periyar Maniammai Institute of Science & Technology);

Recommended Search Keyword in Database for the publications: Periyar Maniammai

In this table: h-index of authors are listed (high-lightened)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Effect of Deformation Behavior on Hypersonic Waverider on the Impact of Leading Edge radius	Muthuraman R K	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2018	0	0	Periyar Maniammai Institute of Science & Technology
Characterization of Reflective Coating Material to Enhance the Photon Propulsion in Solar Sail	Suresh R	International Journal for Applied Science & Engineering Technology (IJRASET)	2018	0	0	Periyar Maniammai Institute of Science & Technology
Experimental and Numerical Analysis of Fibre Metal Laminate (FML) Composites for Aircraft Spar	Suresh R	International Journal of Modern Trends in Engineering and Science (IJMTES)	2018	0	0	Periyar Maniammai Institute of Science & Technology
Experimental and Numerical Analysis of Aircraft Mid-Rib with Various Cutouts	Suresh R	International Journal of Modern Trends in Engineering and Science (IJMTES)	2018	0	0	Periyar Maniammai Institute of Science & Technology
Design and Analysis of Multipurpose Servo-Based Gimbal for Airborne Vehicle	Ramani R	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2018	0	0	Periyar Maniammai Institute of Science & Technology
Cautious usage of advance technology in banking sector	S. Thillai Ganesh U. Pavendhan	Indian Journal of Current Research	2017	0	0	Periyar Maniammai University
A study on best employee welfare benefits provided by IT company	R. Abinaya R. Subha	Indian Journal of Current Research	2017	0	0	Periyar Maniammai University

A conceptual study on claim process flow in life insurance	J. RexanaSalihan M. Rajeshwari	Indian Journal of Current Research	2017	0	0	Periyar Maniammai University
A study on incidence of drunken driving in Thanjavur District	S. Elson K. V. R. Rajandran	Indian Journal of Current Research	2017	2	0	Periyar Maniammai University
A study on trends of personal selling in India	J. Priyadharshini E. Anushree	Indian Journal of Current Research	2017	0	0	Periyar Maniammai University
Probationary Officers training programme offered in banking sector	S. P. Devika N. Shalini	Indian Journal of Current Research	2017	0	0	Periyar Maniammai University
A conceptual study on achieving work- Life balance	E. Anushree M. J. Mohamed Riswan	Indian Journal of Current Research	2017	0	0	Periyar Maniammai University
A conceptual study on quality of work life in women employees	S. Sindhuja E. Sivapriya	Indian Journal of Current Research	2017	0	0	Periyar Maniammai University
Recruitment Strategy followed in IT sector	R. Anandha Kumar J. Kumaresan D. Sharmily	Indian Journal of Current Research	2017	0	0	Periyar Maniammai University
Logistics management in manufacturing industry	D. Sharmily	Indian Journal of Current Research	2017	0	0	Periyar Maniammai University
The study on employees' retention strategy	G. Shukun KarthikaJ. RexanaSalihan	Indian Journal of Current Research	2017	0	0	Periyar Maniammai University
The study on the effects of training and development with reference to MBA Students in Periyar Maniammai University, Vallam.	G. ShukunKarthika K. V. R. Rajandran	Indian Journal of Current Research	2017	2	0	Periyar Maniammai University
The logistics management system in G. K. Dairy, Tamil Nadu	G. ShukunKarthika	Indian Journal of Current Research	2017	0	0	Periyar Maniammai University
A study on logistics management in industry	B. Mohamed Rafi R. Srivarshini M.Thenmozhi	Indian Journal of Current Research	2017	0	0	Periyar Maniammai University
A study on quality circle and its impact on productivity in organization	B. Malarkodi J. Priyadarshani K. Vinothini	Indian Journal of Current Research	2017	0	0	Periyar Maniammai University
A Study on supply chain management followed by manufacturing industry	M. J. Mohamed Riswan B. Malarkodi	Indian Journal of Current Research	2017	0	0	Periyar Maniammai University
A study on investigating the relationship between rewards and motivation among employees	M. Rajeshwari V. Pradeeba	Indian Journal of Current Research	2017	0	0	Periyar Maniammai University
A study on impact of celebrity endorsement on consumer buyers behaviour with reference to Kombakonam	K. V. R. Rajandran	Asian Pacific Journal of Research	2017	2	0	Periyar Maniammai University

A study on consumer behaviour towards smart phones with reference to Kumbakonam	K. V. R. Rajandran	Asian Pacific Journal of Research	2017	2	0	Periyar Maniammai University
A study on Organisational stress in ITES employees working in MNC companies of TamilNadu	K. V. R. Rajandran	International Journal of Management	2017	2	0	Periyar Maniammai University
To study the impact of involvement on employee performance in organization culture in HUDCO	K. V. R. Rajandran	Asia Pacific Journal of Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
A study on factor affecting work life balance of women employees	K. V. R. Rajandran	Asia Pacific Journal of Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
A study on factors influencing the effectiveness of grievance handling in the organization	K. V. R. Rajandran	Asia Pacific Journal of Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
Study the relationship of organizational culture and employee attitude in octamer technology Pvt, ltd.	K. V. R. Rajandran	Asia Pacific Journal of Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
A study on the effectiveness of performance appraisal method followed at Rajeshwari Engineering Industries	K. V. R. Rajandran	Asia Pacific Journal of Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
A study on relationship between organization members with performance appraisal	K. V. R. Rajandran	Asia Pacific Journal of Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
A study on employee welfare benefits and its impact on employee at texcity, Tirupur	K. V. R. Rajandran	Asia Pacific Journal of Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
Relation between motivation factors and employee performance with reference to Sri Rajeshwari Engineering Industries, Trichy	K. V. R. Rajandran	Asia Pacific Journal of Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
A study on the employee satisfaction with performance appraisal system reference to Sri Rajeshwari Engineering Industries	K. V. R. Rajandran	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology

Skill India through Industrial training institutes	K. V. R. Rajandran	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology
Study on types of grievance raised by employees with reference to Prabha associates, chennai	K. V. R. Rajandran	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology
A study on the influence of welfare scheme on employee performance reference to Texcity Apparels, Tripur	K. V. R. Rajandran	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology
Impact of employee sentiments towards organization culture in octamer technologies pvt ltd	K. V. R. Rajandran	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology
A study on factors affecting the performance management with reference to Sri Rajeshwari Engineering Industries, Trichy	K. V. R. Rajandran	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology
A study on employee satisfaction and organization culture with reference to HUDCO	K. V. R. Rajandran	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology
To study on the training program effectiveness at Octamer, Chennai	K. V. R. Rajandran	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology
A study on work-life balance of women employees	K. V. R. Rajandran	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology
A critical analysis of the interdependence of leadership and followership with special reference to Robert Kelley's followership style	K. V. R. Rajandran	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology ⁰
A comparative study on consumer preference towards agricultural based perishable products from the farmer's market and retail markets	K. V. R. Rajandran	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology
Stress and women employees in Indian Banks	K. V. R. Rajandran	Nehru School of Management Journal	2018	2	0	Periyar Maniammai Institute of Science & Technology

A study on role stress among bank employees	K. V. R. Rajandran	AJANTA PRAKASHAN-An International Multidisciplinary Quarterly Research Journal	2018	2	0	Periyar Maniammai Institute of Science & Technology
Relationship Between Organization Involvement And Employee Retention With Reference To Octomer Private Limited, Chennai	Sathyapriya.J	Asia Pacific Journal of Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
Impact Of Various Factors On Resistance To Change In Octamer Private Ltd, Chennai	Sathyapriya.J	Asia Pacific Journal of Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
Relationship Between Employee Motivation And Existing Performance Appraisal System In Pounds Apparels, Tirupur	Sathyapriya.J	Asia Pacific Journal of Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
Employee Absenteeism And Its Impact On Employee Productivity At TTK Healthcare, Chennai	Sathyapriya.J	Asia Pacific Journal of Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
Relationship Between Employee Well-Being And Organizational Productivity At TTK Healthcare, Chennai	Sathyapriya.J	Asia Pacific Journal of Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
Impact Of Performance Of Employee With Training And Development In Pounds Appraisal	Sathyapriya.J	Asia Pacific Journal of Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
Impact Of Employee Welfare Facilities On Job Satisfaction At Sri Rajeswari Engineering Industries, Trichy	Sathyapriya.J	Asia Pacific Journal of Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
Intrapreneurship As A Innovative Strategy For Talent Retention In Private Banking Sector, Thanjavur	Sathyapriya.J	International Journal of Advance and Innovative Research	2018	2	0	Periyar Maniammai Institute of Science & Technology
Motivation Factors Influencing Retention Strategy At Octomer Private Limited, Chennai	Sathyapriya.J	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology
A Study On Training Factor Influncing In Employee Productivity At Pounds Apparels, Tirupur	Sathyapriya.J	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology

Employees Satisfaction Towards The Organisation's Welfare Measures At Sri Rajeswari Engineering Industries, Trichy	Sathyapriya.J	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology
A Study On Causes Of Change And Its Effect On Employee Behaviour With Reference To Octamer Private Ltd, Chennai	Sathyapriya.J	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology
To Measure The Fairness In Appraisal And The Attitude Of Superior Towards Subordinate At Pounds Apparels 132 Tiruppur	Sathyapriya.J	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology
Impact Of Organizational Productivity On Employee Satisfaction Level At TTK Healthcare, Chennai	Sathyapriya.J	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology
Impact Of Workplace Environment On Employee Productivity At TTK Healthcare, Chennai	Sathyapriya.J	Shanlax International Journal of Management	2018	2	0	Periyar Maniammai Institute of Science & Technology
Impact Of Sales Promotional Strategy In Cholayil Private Limited, Chennai	P.Guru	Asia Pacific Journal of Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
Relationship Between Level Of Satisfaction Of Existing Grievance Handling Procedure And Grievance Receiving Methods At Ashok Leyland, Plant-I, Hosur	P.Guru	Asia Pacific Journal of Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
Satisfaction Level Of Buyers Towards Apparel Manufacturer With Reference To Unisource Treend India Pvt Ltd, Tirupur	P.Guru	Asia Pacific Journal of Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
Relationship Between Advertising On Brand Preference Of Consumers Towards The India Cements Ltd With Reference To Ariyalur District	P.Guru	Asia Pacific Journal of Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
Impact Of Pre And Post Implementation Of E-Scm In Cholayil Private Limited, Chennai	P.Guru	Asia Pacific Journal of Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
Factors Influencing Customers Loyalty With Reference To The India Cements Ltd, Ariyalur	P.Guru	Asia Pacific Journal of Research	2018	0	0	Periyar Maniammai Institute of Science &

						Technology
To Identify The Relationship Between Factors Influencing Organisational Stress And Employees Behavior In Cholayil Pvt Ltd	P.Guru	Asia Pacific Journal of Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
A Study On Factors Influencing Research Interest Among Engineering And Management Students With Reference Trichy District	Sathyapriya.J P.Guru	International Journal of Advance and Innovative Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
Impact Of Factors On Buyer Satisfaction With Reference To Unisource Trend India Private Limited, Tirupur	P.Guru	Shanlax International Journal of Management	2018	0	0	Periyar Maniammai Institute of Science & Technology
Impact Of Organizational Stress On The Employees Performance In Cholayil Pvt Ltd., Chennai	P.Guru	Shanlax International Journal of Management	2018	0	0	Periyar Maniammai Institute of Science & Technology
Relationship Between Brand Image And Customer Loyalty With Reference To The India Cements Ltd, Ariyalur	P.Guru	Shanlax International Journal of Management	2018	0	0	Periyar Maniammai Institute of Science & Technology
Advertising Factors Influencing Consumer Behaviour With Refernce To The India Cements Ltd, Ariyalur District	P.Guru	Shanlax International Journal of Management	2018	0	0	Periyar Maniammai Institute of Science & Technology
Challenges Of Electronic Supply Chain Management	P.Guru	Shanlax International Journal of Management	2018	0	0	Periyar Maniammai Institute of Science & Technology
A Conceptual Study of Distribution Channel System In Cholayil Private Limited	P.Guru	Shanlax International Journal of Management	2018	0	0	Periyar Maniammai Institute of Science & Technology
Level of Satisfaction of Existing Grievance Handling Procedure At Ashok Leyland, Plant-I, Hosur	P.Guru	Shanlax International Journal of Management	2018	0	0	Periyar Maniammai Institute of Science & Technology
Sales Promotion Strategy In Cholayil Private Limited, Chennai R.	P.Guru	Shanlax International Journal of Management	2018	0	0	Periyar Maniammai Institute of Science & Technology
An Analysis of the supply chain system to improve the lead time in an Apparels Manufacturing unit, Tirupur	Dinu Raj S	Shanlax International Journal for Management	March 2018	0	0	Periyar Maniammai Institute of Science &

						Technology
An Analysis in the factors related to Employee Motivation in a manufacturing Unit	Dinu Raj S	Shanlax International Journal for Management	2018	0	0	Periyar Maniammai Institute of Science & Technology
A root cause analysis of the production issues an Apparels Manufacturing unit, Tirupur	Dinu Raj S	Shanlax International Journal for Management	2018	0	0	Periyar Maniammai Institute of Science & Technology
Relationship between Job security and Employee Motivation	Dinu Raj S	Asia Pacific Journal of Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
A study on the existing production process in an apparel manufacturing unit, Tirupur	Dinu Raj S	Asia Pacific Journal of Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
A study on the supply chain management process in an apparels manufacturing unit, Tirupur	Dinu Raj S	Asia Pacific Journal of Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
Women Entrepreneur in Chennai City: An empirical Study	R.Angayarkanni	Asia Pacific Journal of Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
Electrochemical studies on corncob derived activated porous carbon for super capacitors application in aqueous and non-aqueous electrolytes	P.K. Srividhya	Electrochimica Acta	2017	4	13	Periyar Maniammai University
Thermal behaviour and pyrolytic kinetics of de-oiled jatropha seed cake	P.K. Srividhya & Mr.J.Thiyagarajan	Journal of advanced engineering Research	2017	4	3	Periyar Maniammai University
A Review of MAC Scheduling Algorithms in LTE system	Satheesh Monikandan B Babu SPK	International Journal on Advanced Science Engineering and Informaion Technology	2017	4	1	Periyar Maniammai University
Dynamically Reconfigurable queue for intel IXP2400 Network Processor	B. Satheesh D.Kumar P.Dharmalingam TKSLakshmipriya	Journal of Internet Technology	2017	10	1	Periyar Maniammai University
New –Newtonian and Newtonian blood flow in human aorta: A Transient Analysis	R. Vinoth D. Kumar Raviraj Adhikari CS Vijaysankar	Biomedical Research	2017	10	1	Periyar Maniammai University

In vitro Cytotoxicity Assesment of Nano Selenium in mice for its Biocompatibility as feed supplement	N. Arulananthan R. Karunakaran V. Balakrishnan M.Chellapandian K.Geetha A. Sabareeswaran	Indian Veterinary Journal	2017	1	1	Periyar Maniammai University
Enhancement of Backward Compatibility in Software Communication Architecture(SCA) Standards among SCA compliant Software Defined Radio (SDR)	Thinakaran N, Kumar D, Saikrishnan P, N. Vetrivelan, Vimala C	International Journal of Advanced Research in Computer Science (IJARCS)	2017	10	1	Periyar Maniammai University
Performance study of Content Based Image Retrieval System	L.Jayanthi, K.Lakshmi,	International Journal of Electronics and Communication Engineering and Technology (IJECT)	2017	3	1	Periyar Maniammai University
An Improved Algorithm For Automatic Color Image Segmentation	A.Gokulanathan, R.Chandrasekaran and C.Rajanandhini	Published Paper in Indian Journal of Scientific Research Paper	2017	0	0	Periyar Maniammai University
V2X Technology in Metro trains using Internet of Things (IOT) and Automatic train supervision (ATS) for smart cities	Vidya viswanathan, T.Teresal, S.Dhanabal,	Journal of Computing Science and Engineering	2017	0	0	Periyar Maniammai University
Vertical Edge based car License plate detection method	A.R.Isra,A.Goukal anathan	Journal of Electrical and Electronics Engineering	2017	0	0	Periyar Maniammai University
Advanced composites - organic nanoscaffolds for wound healing	S. Kanimozhi,R. Suganthi, M. Monika, S. Harini and K. Geetha,	Indian journal of Science and Research.	2017	2	0	Periyar Maniammai University
Train Track Monitoring Cum Bridge Overload Detection System	S.Mangalapriya, V.Violet juli C.Rajanandhini	International Journal of Scientific Research in Science, Engineering and Technology	2018	2	0	Periyar Maniammai Institute of Science & Technology
IOT Based Myocardial Infarction detection Using Heart Pulse Monitoring	J. John Chris Suvitha, A. Reshma Begam C.Rajanandhini	International Journal of Scientific Research in Science, Engineering and Technology	2018	2	0	Periyar Maniammai Institute of Science & Technology
Band gap Engineered Nb ₂ O ₅ thin films fabricated from β-diketone derivatives of Niobium alkoxides for efficient photocatalysis	Mohd. Danish	Journal of Advanced Materials Proceedings	2018	2	0	Periyar Maniammai University
Defended data transmission scheme based reliable metering for smart grid	N. Muruganatham	International Journal of Networks, Software	2018	3	0	Periyar Maniammai Institute of

applications”.		Tools and Applications (Cluster Computing)				Science & Technology
Two-Switch Boosting Switched Capacitor Converters	N. Muruganatham	International Journal for Scientific Research and Development	2018	3	0	Periyar Maniammai Institute of Science & Technology
Hard Switching and Soft Switching Performance of Single Phase Push Pull inverter	M. A. Inayathullaah	International Journal for Scientific Research and Development,	2018	2	0	Periyar Maniammai Institute of Science & Technology
Nano-composites of Nafion for Fuel Cell Application	K. Arun Ganesh	International Journal of Ethics in Engineering & Management Education-	2018	0	0	Periyar Maniammai Institute of Science & Technology
Harmonic Mitigation and Reactive Compensation by SRF/MCPWM Control of MLI-STATCOM in Power Distribution Network	M. Sathiskumar	International Journal of Pure and Applied Mathematics	2018	0	0	Periyar Maniammai Institute of Science & Technology
IOT based controlling and monitoring of Energy Meter using ARM.	L. Sarojini	International Journal of advanced research trends in engineering and technology	2018	0	0	Periyar Maniammai Institute of Science & Technology
Design and Simulation of Improved High Gain Chopper by using Switched double inductor Components	B. Balaji	International Journal for Scientific Research and Development	2018	0	0	Periyar Maniammai Institute of Science & Technology
Effective Use of ICT For Education and Learning by Worldwide Knowledge, Research, And Experience: Overview of ICT For Education	T.Narmadha	International Journal of Arts, Science and Humanities	2018	0	0	Periyar Maniammai Institute of Science & Technology
An Overview of Green Marketing	B.Nalini	National conference on Applications of Management research in social Science	2018	0	0	Periyar Maniammai Institute of Science & Technology
Thanthai Periyar’s women empowerment enlightence for better work life balance of women employees	B.Nalini	World Atheist Conference	2018	0	0	Periyar Maniammai Institute of Science & Technology
Manpower Management and Interpersonal Skills	N.Jayanthi	National conference on Applications of Management research in social Science	2018	0	0	Periyar Maniammai Institute of Science & Technology

Thanthai Periyar's women empowerment enlightence for better work life balance of women employees	K.Suganthi	World Atheist Conference	2018	0	0	Periyar Maniammai Institute of Science &Technology
A Study on Stress and Factors Affecting the work nature of Employees in Sales Department with Special Reference to Thanjavur	K.Suganthi	National conference on Applications of Management research in social Science	2018	0	0	Periyar Maniammai Institute of Science &Technology
An empirical study on retention of private school teachers an effective man power planning with reference to sirkali taluk	K.Suganthi	Integerated Business and management	2018	0	0	Periyar Maniammai Institute of Science &Technology
A study on GST(goods and service tax) and its impact on common man	K.Suganthi	Integerated Business and management	2018	0	0	Periyar Maniammai Institute of Science &Technology
Impact of Demonetization	B.Nalini	Integerated Business and management	2018	0	0	Periyar Maniammai Institute of Science &Technology
Overview Cash to Cashless Economy in India	B.Nalini	Integerated Business and management	2018	0	0	Periyar Maniammai Institute of Science &Technology
A Study on Work Family Conflict of Women Employees working in Hospital and Banking Sector With reference to Thanjavur District	K.Suganthi	Shanlax International Journal of Management	2018	0	0	Periyar Maniammai Institute of Science &Technology
A Study on Quality of Work Life among Married women With Special Reference to Cuddalore District	K.Suganthi	Shanlax International Journal of Management	2018	0	0	Periyar Maniammai Institute of Science and Technology
An Empirical Investigation on Understanding the Factors Influencing Consumer Buying Behaviour towards Life Insurance	D.Umamaheswari	BIZ AND BYTES	2018	3	0	Periyar Maniammai Institute of Science &Technology
Impact of Mahatma Gandhi National Rural Employment Guarantee Scheme (Mgnregs) On Debt Level of Households At Selected Areas of Cuddalore District	T. Valli	Universal Review	2018	0	0	Periyar Maniammai Institute of Science &Technology
Impact of Mahatma Gandhi National Rural Employment Guarantee Scheme (Mgnregs)	T. Valli	International Journal of Research in Commerce, IT	2018	0	0	Periyar Maniammai Institute of

On Income, Savings And Expenditure Pattern of Beneficiaries At Cuddalore District		and Management				Science & Technology
An Empirical Investigation to analyse the Factors influencing the Consumer Perception regarding Life Insurance policies using Path Analysis	D. Umamaheswari	International Journal of Supply Chain Management IJSCM	2018	0	0	Periyar Maniammai Institute of Science & Technology
Impact of Mahatma Gandhi National Rural Employment Guarantee Scheme (Mgnregs) On Income, Savings And Expenditure Pattern of Beneficiaries AT Cuddalore District	T. Valli	International Journal of Research in Commerce, IT and Management	2018	0	0	Periyar Maniammai Institute of Science & Technology
A Study on Levels of Job Satisfaction Found with Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) Beneficiaries at Selected Areas of Cuddalore District of Tamilnadu,	T. Valli and K.Suganthi	International Journal of Management, Technology and Engineering	2018	0	0	Periyar Maniammai Institute of Science & Technology
Indian Accounting Standards (Ind AS)- A Glimpse	D.Umamaheswari B.Nalini and K. Suganthi	Global Journal of Finance & Management	2018	0	0	Periyar Maniammai Institute of Science & Technology
Architecture, Routing Protocols and Data Aggregation in Underwater Wireless Sensor Networks - A Review Based Description	D.Ruby and J.Jeyachidra	International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 13, Number 8 (2018) pp. 6325-6331, April 2018	2018	0	0	Periyar Maniammai Institute of Science & Technology
Heterogeneous Knowledgeable Approach for Retrieving Medical Data	M.Muralidharan and J.Jeyachidra	Mathematical Sciences International Research Journal ISSN: 2278-8697, Vol.7, Spl. Issue 3, Page No. 213-219 January 2018	2018	0	0	Periyar Maniammai Institute of Science & Technology
A Brief Study on Semantic Net Compare with Current Net Components	V.Srithar, S.Sasikumar and A.E.Narayanan	Mathematical Sciences International Research Journal ISSN: 2278-8697, Vol.7, Spl. Issue 3, Page No. 213-219 January 2018	2018	0	0	Periyar Maniammai Institute of Science & Technology
A Survey on Data Analysis Framework	A.George and M.Sharmila Begum	International Journal of Engineering &	2017	0	0	Periyar Maniammai Institute of

		Technology				Science & Technology
Functions in the category of graphs	S.Buveneswari	Global Journal of Pure and Applied Mathematics	2017	0	0	Periyar Maniammai Institute of Science & Technology
Dual Connected Dominating Sets for Load Balancing in Manets	A.George	Journal of Advanced Research in Dynamical & Control Systems	2018	0	0	Periyar Maniammai Institute of Science & Technology
Analysis of Sn Concentration Effect on Morphological, Optical, Electrical and Photonic Properties of Spray-Coated Sn-Doped CdO Thin Films	A. Kathalingam, K. Kesavan Abu ul Hassan Sarwar Rana, Joonhyeon Jeon and Hyun-Seok Kim	Coatings	2018	0	2	Pariyar Maniammai Univeristy
Comparative study of solar drying characteristics and thin layer mathematical modeling of mango and cluster beans in two types of solar driers	AR. UmayalSundari	International Journal of Latest Engineering Research and Applications	2017	0	0	Pariyar Maniammai University
3-(4-chlorobutyl)-3H-indole-5-carbonitrile-Corrigendum	D. Manikandan, S. Gomathi, J.S. Nirmalram, S.S.Tagore, V. Sethuraman, J.Agim and R.Butcher	International Union of Crystallography-Data	2017	0	0	Periyar Maniammai University
Performance Evaluation of Paper Mill Effluent in a Granular Bed Hybrid Up-flow Anaerobic Sludge Blanket Reactor	A.Sangeetha, R.Ambalavanan, J.Santhosh,G.Thirumal m murugan	Nature Environment and Pollution Technology	2018	0	0	Periyar Maniammai Institute of Science & Technology
A Survey on Data Analytic Tools	D. Maghesh Kumar, D. Christy Sujatha, M. Chandrakumar Peter	Indian Journal of Science and Research	2017	0	0	Periyar Maniammai University
A study on Big Data Visual Analytics	K. Meena and P. Ilangovan	Indian Journal of Science and Research	2017	0	0	Periyar Maniammai University
A Survey on Event Detection in Surveillance Videos	S.Manjula, K.Lakshmi	Indian Journal of Science and Research	2017	3	0	Periyar Maniammai University
Implementing Outcome Based Education Tool to Enhance Student Learning	M. Sharmila Begum, P. Aruna	Indian Journal of Scientific Research	2017	3	0	Periyar Maniammai University
A Survey on Data Analytics Framework	M.Sharmila Begum, A.George	International Journal of Engineering and Technology (IJET)	2017	3	0	Periyar Maniammai University

A Survey on Interference Mitigation Techniques for 2.4 GHz ISM Band	P. Aruna, A. George	International Journal of Advanced Research in Computer Engineering & Technology	2017	8	0	Periyar Maniammai University
Big Data Analytics: Evolution, Process, Challenges and Research Issues	D. Christy Sujatha, J.Gnana Jayanthi	International Journal of Computer & Mathematical Sciences	2017	0	0	Periyar Maniammai University
An Integrated Data Analytic Framework with Enhanced Security using Hybrid Hardware and Software based encryption/decryption	M. Sharmila Begum, A. George	IEEE Explore	2018	3	0	Periyar Maniammai Institute of Science & Technology
Data analytic framework with secured embedded system for crime sector	M. Sharmila Begum, A. George	International Journal of Pure and Applied Mathematics	2018	8	0	Periyar Maniammai Institute of Science & Technology
Spatial Interference Mitigation between Wireless Personal Area Network and Wireless Local Area Network	P. Aruna, A. George	International Journal of Pure and Applied Mathematics	2018	8	0	Periyar Maniammai Institute of Science & Technology
A Comparative Study on Big Data Frameworks	K. Mohan Kumar, D. Maghesh Kumar	International Journal of Emerging Technology and Advanced Engineering	2018	0	0	Periyar Maniammai Institute of Science & Technology
Address Configuring Mechanisms in IPv4/v6 MANET – A Pragmatic Survey	S. Manimozhi, M.Chandrakumar Peter, J. Gnana Jayanthi	International Journal of Emerging Technology and Advanced Engineering	2018	0	0	Periyar Maniammai Institute of Science & Technology
Data Analytic Framework For Crime Sector Using Open Grid Rule Generation Algorithm	M. Sharmila Begum, A.George	International Journal of Engineering & Technology	2018	8	0	Periyar Maniammai Institute of Science & Technology
Biological finger printing of microbial diversity in vermicompost of different raw materials	Aruna AP, Purushothaman Balakrishnan, Kumaran Shanmugam, Rajendran K	Indo American Journal of Pharmaceutical Research	2017	10	0	Periyar Maniammai University
Isolation and characterisation of cellulolytic activity of bacteria and fungi from the soil of paper recycling unit at Periyar Maniammai University	Saranya ,Jeyajothi Kalimuthu Purushothaman Balakrishnan, Prasanna Srinivasan Ramalingam,	Indo American Journal of Pharmaceutical Research	2017	10	2	Periyar Maniammai University

	Shylaja Parthasarathi, Bhuvaneshwari Ganesan, Rajendran Kaliyaperumal, Balu Ranganathan, Kumaran Shanmugam					
Fabrication of arrayed metal oxide structures by electrochemical local oxidation using metallic tip with electric field and humidity	A.Kathalingam, Kumaran Shanmugam, Hyun-Chang Park, Hyun-Seok Kim	Journal of Materials Processing Technology	2018	10	0	Periyar Maniammai University
Role of Partially Saturated Canthaxanthin and Ergosterol in the Survival of <i>Aspergillus carbonarius</i> Mutant at Extreme Acidic Condition	A. Kumar A. Mathimaran A. H. Shrikanta, V. Govindaswamy	Microbiology	2018	4	0	Periyar Maniammai University
Fabrication of robust superhydrophobic coatings using PTFE-MWCNT nanocomposite: Supercritical fluid processing	Rajiv Subramanian Kumaran Shanmugam Sathish Marappan	Surface and Interface Analysis	April 2018	10	3	Periyar Maniammai Institute of Science & Technology
Maskless patterned growth of ZnO nanorod arrays using tip based electrolithography	A.Kathalingam, Dhanasekaran Vikraman, K.Karuppasamy, Hyun-Seok Kim, Hyun-Chang Park, Kumaran Shanmugam	Materials Science in Semiconductor Processing	2018	10	0	Periyar Maniammai University
Performance Evaluation of Paper Mill Effluent in a Granular Bed Hybrid Up-flow Anaerobic sludge Blanket (HUASB) Reactor	A. Sangeetha, R. Ambalavanan, J. Santhosh and G. Thirumal Murugan	Nature Environment and Pollution Technology	2018	0	0	Periyar Maniammai University
In vitro study on the effect of nanoparticles and transfersomes as targeted drug carrier for cancer	M. Karthikeyan	Nanoscience & Nanotechnology-Asia	2018	0	0	Periyar Maniammai Institute of Science & Technology
Development of a Cytosensor for the Detection of Fusarium Oxysporum-A Functional Approach Towards Bioanalytical Applications	Subrahmanyam, Sreenath, Amit Balakrishnan, Renuka Viswanathan, Harrison Patrick Douglass, Ashok Vardhan Raja, Akash Barathan, Amaan Usmani, and Kumaran	European Scientific Journal, ESJ	2018	10	0	Periyar Maniammai University

	Shanmugam.					
Use of a Potential Probiotic, Lactobacillus casei L4, in the Preparation of Fermented Coconut Water Beverage	Giri Sib S, Sukumaran, Venkatachalam (presently not working), Sen Shib S, Park, Se Chang	Frontiers in Microbiology	2018	13	0	Periyar Maniammai University
Therapeutic Effect of Intestinal Autochthonous Lactobacillus reuteri P16 Against Waterborne Lead Toxicity in Cyprinus carpio	Giri Sib Sankar, Yun, Saekil, Jun Jin Woo, Kim Hyoun Joong, Kim Sang Guen, Kang Jeong Woo, Kim Sang WhaHan, Han Se Jin, Sukumaran V (presently not working), Park Se Chang	Frontiers in Immunology	2018	13	0	Periyar Maniammai University
Hydrodynamic behaviour of a laboratory scale hybrid upflow anaerobic sludge blanket reactor	A. Sangeetha	Indian Journal Chemical Technology	2018	0	0	Periyar Maniammai University
IoT for monitoring diabetic patients	K. Lakshmi	International Journal of Advanced Research, Ideas and Innovation in Technology	2018	4	0	Periyar Maniammai Institute of Science & Technology
Predicting effective course conduction strategy using Datamining techniques	K. Lakshmi	Education Research and Reviews	2018	4	0	Periyar Maniammai Institute of Science & Technology
Pattern Analysis Of Blooms Knowledge Level Students	K. Lakshmi	IEEE	2017	4	0	Periyar Maniammai Institute of Science & Technology
Predicting The Course Knowledge Level of Students	K. Lakshmi	IEEE	2017	4	0	Periyar Maniammai Institute of Science & Technology
Centralized Sensing and Scheduling in Multi-User Cognitive Radio Networks	K. Lakshmi	International Journal of Applied Engineering Research	2018	4	0	Periyar Maniammai Institute of Science & Technology
Naive Bayesian Model for Predicting Mode of Delivery	K. Lakshmi	International Journal of Scientific Research in Computer Science, Engineering and	2017	4	0	Periyar Maniammai Institute of Science & Technology

		Information Technology				
An Association Rule Mining based Learning Analytics using Bloom's Taxonomy	K.Lakshmi	International conference on Big-data and Cloud Computing (ICBDCC 17)	2017	4	0	Periyar Maniammai Institute of Science & Technology
A Survey on Hierarchical-Based Routing Protocols for Wireless Sensor Networks	A.E.Narayanan	International Journal of Pure and Applied Mathematics	2018	4	0	Periyar Maniammai Institute of Science & Technology
A Brief study on Semantic Net Compare with current Net components	A.E.Narayanan	Mathematical Sciences International Research Journal	2018	4	0	Periyar Maniammai Institute of Science & Technology
IoT Based Agriculture System	A.E.Narayana	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2018	4	0	Periyar Maniammai Institute of Science & Technology
'A Study of Easy Educational Data Mining for E-Learning Log Data from complex and large Dataset	A.E.Narayanan	International Journal of Innovations in Engineering and Technology	2018	4	0	Periyar Maniammai Institute of Science & Technology
Wheeled Robotic System for Restaurants	R.Poonguzhali	Fifth International Conference on Trends in Technology and Engineering at Arjun College of Technology, Coimbatore, 2018	2018	1	0	Periyar Maniammai Institute of Science & Technology
Sentiment Analysis on LinkedIn Comments	R.Poonguzhali	International Conference on Newer Engineering Concepts and Technologies (ICONNECT2K18)	2018	1	0	Periyar Maniammai Institute of Science & Technology
Clustering of Electricity Consumption of Big Data Application,	S.P.Ramya	International Journal of Engineering Research & Technology, 2278-0181, Vol 6, Issue 7	2018	0	0	Periyar Maniammai Institute of Science & Technology
Overview of Sentimental Analysis on Social Media	S.P.Ramya	International Conference on Newer Engineering Concepts & Technology-2K18 (iConnect2K18)	2018	0	0	Periyar Maniammai Institute of Science & Technology

Monitoring and Analysis of Massive Data in MCN	S.P.Ramya	International Conference on Newer Engineering Concepts & Technology-2K18 (iConnect2K18)	2018	0	0	Periyar Maniammai Institute of Science & Technology
Analysing the Performance of Twitter Data with R-Programming,	S.P.Ramya	International Conference on Information Technology(ICIT-2K18)	2018	0	0	Periyar Maniammai Institute of Science & Technology
Clustering of Electricity Consumption of BigData Application	S.P.Ramya	National Conference on High Performance Computing(NCHP C2K18)	2018	0	0	Periyar Maniammai Institute of Science & Technology
Challenges And Issues Of Healthcare In Internet Of Things (IoT)	S.Suseela	International Journal of Latest Trends in Engineering and Technology	2018	0	0	Periyar Maniammai Institute of Science & Technology
Social Impact Of Cyber Physical System	S.Suseela	International Journal of Latest Trends in Engineering and Technology	2018	0	0	Periyar Maniammai Institute of Science & Technology
Challenges, Technologies and Components of Wireless Sensor	S.Suseela	International Journal of Engineering Research and Technology	2018	0	0	Periyar Maniammai Institute of Science & Technology
E Commerce product Routing based on customer service mining	P.Ilangovan	National Conference on Advanced Communication Computing and Power Systems	2018	0	0	Periyar Maniammai Institute of Science & Technology
Soft Computing Techniques for Enhancing Software Reliability,	P.Dhavakumar	International Journal of Latest Trends in Engineering and Technology, e-ISSN:2278-621X/Special Issues/ 133- 140	2018	0	0	Periyar Maniammai Institute of Science & Technology
Error prediction techniques for improving software reliability	P.Dhavakumar	Information Technology and Communication(N CRTIC'18)	2018	0	0	Periyar Maniammai Institute of Science & Technology
Dynamic program slicing for improving software quality,	P.Dhavakumar	Information Technology and Communication(N CRTIC'18)	2018	0	0	Periyar Maniammai Institute of Science & Technology

Studies On Self-Compacting Concrete	Priyanka N, V.A. Shanmugavelu, and R. Ambalavanan	International Journal Of Innovative Research In Science Engineering Technology	2017	0	0	Periyar Maniammai University
Compressive Behaviour Of Concrete Filled Steel Tube Cylinders	R. Preethi, V.A. Shanmugavelu and R. Ambalavanan	International Journal Of Innovative Research In Science Engineering Technology	2017	0	0	Periyar Maniammai University
Analysis and Design of Angle/Tension Type Double Circuit Tower for 110kv Transmission Line with Extension for Railway Line Crossing to Achieve Vertical Clearance Using STAAD Pro V8i	G.Rajalakshmi, V.A.Shanmugavelu, and R.Ambalavanan	International Journal of Innovative Research in Science, Engineering and Technology	2018	0	0	Periyar Maniammai University
Characterisation Of Household Solid Waste In The Town Of Thanjavur	D.Thayalnayaki and R.Jayanthi	Indian Journal Of Scientific Research	2017	0	0	Periyar Maniammai University
Column study on landfill leachate using Natural Adsorbent	K.Priyanka and D.Thayalnayaki,	International Journal of Advances in Engineering Research	2018	0	0	Periyar Maniammai University
Anaerobic Co-Digestion Process And Pretreatments Of Organic Waste: A Review	J.Santhosh, R. Jayanthi and N. Ramachandran	Indian Journal Of Scientific Research	2017	0	0	Periyar Maniammai University
Anaerobic Codigestion Process And Pretreatment	Madan Mohan.T and Santhosh.J,	International Journal Of Innovations In Applied Sciences &Engineering	2017	0	0	Periyar Maniammai University
Development Of A Cold Formed Steel Housing System	A.ShabariIndhuja, D. Narendraprasad	International Journal Of Innovative Research In Science Engineering Technology	2017	0	0	Periyar Maniammai University
Analysis And Design Of Various Types Of Isolated Footings.	S. Balachandar D.Narendraprasad	International Journal Of Innovative Research In	2017	0	0	Periyar Maniammai University

		Science Engineering Technology				
<i>Investigation On Cement Concrete At Mixed With Egg. Shell Powder</i>	B. Divya, K. Vasanthavalli and R. Ambalavanan	International Journal Of Innovative Research In Science Engineering Technology	2017	0	0	Periyar Maniammai University
Anaerobic Co-Digestion Process And Pretreatments Of Organic Waste: A Review	J. Santhosh, R. Jayanthi and N. Ramachandran	Indian Journal Of Scientific Research	2017	0	0	Periyar Maniammai University
Characterisation Of Household Solid Waste In The Town Of Thanjavur	D.Thayalnayaki & R.Jayanthi.	Indian Journal Of Scientific Research	2017	0	0	Periyar Maniammai University
Studying the Urban Characteristics of a Heritage Town to Develop Sustainable Urban Strategy – A Case Study of Kumbakonam	Yogapriya. G and Senthamilkumar, S.	International Research Journal of Engineering and Technology	2017	2	0	Periyar Maniammai University
Performance Evaluation of Traditional and Modern Residential Buildings for Thermal Comfort by Questionnaire Survey in Thanjavur	Subramanian C V, Ramachandran N and Senthamilkumar S.	International Journal of Civil Engineering & Technology	2017	2	0	Periyar Maniammai University
Impact of using media as a tool to harness vocabulary	K.Selvam	Shanlax International Journal	2018	0	0	Periyar Maniammai Institute of Science & Technology
Incorporating and enhancing the speaking skills of degree students as a soft skill	K.Selvam	Shanlax International Journal	2018	0	0	Periyar Maniammai Institute of Science & Technology
Top ten ict tools for the teachers of english language in higher education	C. Priya	Shanlax International Journal	2018	0	0	Periyar Maniammai Institute of Science & Technology

A need for an outstanding progress in the acquisition of English language learning	A. Suraiya	Shanlax International Journal	2018	0	0	Periyar Maniammai Institute of Science & Technology
Dual Connected Dominating Sets for Load Balancing in Manets	A.George	Journal of Advanced Research in Dynamical & Control Systems	2018	0	0	Periyar Maniammai Institute of Science & Technology
Edge – Odd gracefulness of some graphs	C.Vimala	International Journal of Latest Trends in Engineering and Technology	2018	0	0	Periyar Maniammai Institute of Science & Technology
Edge – Odd gracefulness of the graphs P_{2n} , $nP_4 + 2P_n$ and $F_{2,n}$	C.Vimala	International Journal of Latest Trends in Engineering and Technology	2018	0	0	Periyar Maniammai Institute of Science & Technology
Edge Odd Gracefulness Of The Graph $P_m + 2S_n$, $K_{1,n}$ (T_p) and $S_3 \square S_n$	C.Vimala	International Journal of Scientific Research and Review	2018	0	0	Periyar Maniammai Institute of Science & Technology
Edge Odd Gracefulness of The Graph $P_{12} + 2S_n$ And $P_8 + N_n$	C.Vimala	International Journal of Scientific Research and Review	2018	0	0	Periyar Maniammai Institute of Science & Technology
Edge – Odd gracefulness of some graphs	A.Sasikala	International Journal of Creative Research Thoughts	2018	0	0	Periyar Maniammai Institute of Science & Technology
Edge – Odd gracefulness of the graphs P_{2n} , $nP_4 + 2P_n$ and $F_{2,n}$	A.Sasikala	International Journal of Latest Trends in Engineering and Technology	2018	0	0	Periyar Maniammai Institute of Science & Technology
Mean Graceful Labeling of Some Graphs	A.Sasikala	International Journal of Scientific Research and Review	2018	0	0	Periyar Maniammai Institute of Science & Technology
Prediction of Student's Academic Performance Using Fuzzy Inference System	P.Vijayalakshmi	International Journal of Scientific Research and Review	2018	0	0	Periyar Maniammai Institute of Science & Technology

Multi item fuzzy inventory model with shortages through just in time; Karush Kuhn Tucker conditions approach,	J.Jayanthi	International Journal of Creative Research Thoughts,	2018	0	0	Periyar Maniammai Institute of Science & Technology
Multi Item Fuzzy Inventory Model for Imperfect Items with Uncertain Lead Time and Unreliable Holding Cost; A Geometric Programming Approach	J.Jayanthi	International Journal of Engineering and Scientific Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
Multi Item Inventory Model for with Uncertain Lead Time and Varying Holding Cost via Geometric Programming; A Fuzzy Approach	J.Jayanthi	International Journal of Engineering and Scientific Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
A Study On Pagerank Algorithm using Markov Chain Model	R.Arumugam	Shanlax International Journal of Arts Science and Humanities	2018	0	0	Periyar Maniammai Institute of Science & Technology
Applications of Stochastic Models on Test – Mis – Scaling in Educational and Psychological Measurement	Dr.R.Arumugam	International Journal of Recent Trends in Engineering and Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
Applications of Man power system with various Qualifications in Educational Institutions Using Mortality Table Techniques	Dr.R.Arumugam	International Journal of Modern Trends in Engineering and Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
Shortest Path Problems Using Complete Partitions	P.Geetha	International Journal Applied Engineering Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
Applications of Man power system with various Qualifications in Educational Institutions Using Mortality Table Techniques	Dr.R.Arumugam	International Journal of Modern Trends in Engineering and Research	2018	0	0	Periyar Maniammai Institute of Science & Technology
Fuzzy inventory model for deteriorating items with shortages using penalty cost	J.Jayanthi	International Journal of Management, IT & Engineering	2018	0	0	Periyar Maniammai Institute of Science & Technology

A study of family distress of prospective teachers in Thoothukudi district	Amutharanjini, G & Mohanasundaram.K	Shanlax International Journal of Arts, Sciences and Humanities	2018	0	0	Periyar Maniammai Institute of Science & Technology
Effect of media usage on the selected background variables of prospective teachers	Vijayalakshmi, S & Mohanasundaram.K	Shanlax International Journal of Arts, Sciences and Humanities	2018	0	0	Periyar Maniammai Institute of Science & Technology
Awareness about Adversity Quotient among Secondary teacher trainees	Ayyappan, R & Mohanasundaram.K	Shanlax International Journal of Arts, Sciences and Humanities	2018	0	0	Periyar Maniammai Institute of Science & Technology
Development of Language among Kids	Vanitha K	Shanlax International Journal of Arts, Sciences and Humanities	2018	0	0	Periyar Maniammai Institute of Science & Technology
The Effectiveness of Visual, Auditory and Kinesthetic Learning Styles on Language Teaching	Anusuya (a) Priya C	Shanlax International Journal of Arts, Sciences and Humanities	2018	0	0	Periyar Maniammai Institute of Science & Technology
A Survey on Educational Data Mining in Field of Performance Analysis and Prediction in Education	Sethurajan K	Shanlax International Journal of Arts, Sciences and Humanities	2018	0	0	Periyar Maniammai Institute of Science & Technology
A Study of Home Environment of Higher Secondary School Students and Their Academic Achievement in Chemistry	Thamilvanan, G & Pazhanivelul	Shanlax International Journal of Arts, Sciences and Humanities	2018	0	0	Periyar Maniammai Institute of Science & Technology
Behaviour of School Students inside and Outside the Classroom	Thamilvana, G & Pazhanivelul	Shanlax International Journal of Arts, Sciences and Humanities	2018	0	0	Periyar Maniammai Institute of Science & Technology
Study on PageRank Algorithm using Markov Chain Model	Rajathi, M. & Arumugam, R	Shanlax International Journal of Arts, Sciences and Humanities	2018	0	0	Periyar Maniammai Institute of Science & Technology
Applications of Stochastic Models on Test mis-scaling in Educational and Psychological Measurement	Arumugam, R. & Rajathi, M	International Journal of Recent Trends in Engineering and Research (IJRTER)	2018	0	0	Periyar Maniammai Institute of Science & Technology

Mobile phone practice among Higher Secondary School students	Vijayalakshmi, S& Mohanasundaram.K	Shanlax International Journal of Arts, Sciences and Humanities	2017	0	0	Periyar Maniammai University
Applications of manpower levels for business using six and eight point state space in the stochastic models	Arumugam, R & Rajathi, M	International Journal of Statistics and Applied Mathematics	2017	0	0	Periyar Maniammai University
CiteScore: A new-fangled metric available for determining the citation impact of scientific journals	Pitchai Balakumar and Sakkalingam A Dhanaraj	Manipal Journal of Pharmaceutical Sciences	2018	0	0	Periyar Maniammai Institute of Science & Technology

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

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	10	104	01	04
Presented papers	37	82	01	0
Resource Persons	02	08	07	05

3.5.1 Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of Consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Architecture	NATA Crash course	Nil	2,05,000
Civil Engineering	Public Works Department (Central & State), Airforce Station, Thanjavur Tamil Nadu Water Supply and Drainage Board (TWAD), DRDA, Thanjavur Corporations / Municipalities / Town Panchayats/ Unions Highways Department Southern Railways Private agencies / Organisations	Testing of materials like Soil, Cement, Aggregates, steel, bricks, concrete blocks, Tiles and Bitumen Pipe testing Concrete Mix Design Structural Design Pavement Design Non Destructive Testing Stability checking of structures Rehabilitation works Soil exploration - SCPT, SPT & Plate load Test Advanced survey work with Total station and GPS Solid Waste Management Water and waste water Quality Analysis.	28,54,700
CSA	e-Soil Health Card generation for Thanjavur District farmers	Department of Agriculture (Quality Control), Thanjavur.	3000
Nano technology	SEM	Sample analysis	23,600
CSE	Online Services	TCSI ON	11,29,359

3.5.2 Revenue generated from Corporate Training by the institution during the year				
Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount `)	Number of trainees
Mr. Guru P/Asst Prof/Management Studies	Entrepreneurship Development (Marketing Module)	Central Coir Research Institute - Vallam/ Thanjavur	1000	40

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 coordinated in such activities	Number of students participated in such activities
NSS CAMP	Periyar Maniammai Institute of Science and Technology	01	14
NSS- 06 activities	PMIST	01	120
Kargil day	PMIST (NCC)	01	10
DST Survey on Radio Mathematics	PMIST (NSS)	01	50
National Flag Day	PMIST (NSS)	01	20
Blood Donation Camp (2nos)	PMIST (NSS)	01	35
Republic day Celebration	PMIST (NSS & NCC)	02	90
1 week NSS Special Camp at Vilaripatti	PMIST (NSS)	01	25
Swachh Bharat Summer Internship	PMIST (NSS)	01	03
World students day (Dr. A.P.J.Abdulkalam birth day)	Dept.of Education& NSS 13.10.17	02	100
NCC- B-certificate examination	Dept.of Education& NSS	02	05
Swachhta Hi Seva Cleaning Campaign	NSS(10)	01	29
Awareness on importance of Education	PMIST & Community People of Sengippatti	01	25
Volunteering service for the smooth conduct of Examination to Police Officials	PMIST & Police Department, Thanjavur	01	05
Tobacco Awareness Programme	PMIST & District Collectorate, Thanjavur	01	05
Medical Camp	PMIST & Community in Vilarippatti	01	15
Energy Conservation Programme with Bharath	Bharath Gas Bottling Plant, Sengipatti	01	25

Petroleum at Sengipatti			
-------------------------	--	--	--

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	No. of Students benefited
Support Aero & Space Modelling	Attempt Guinness world Record for “ Most paper aircraft launched Simultaneously”	IAAA, ISSE and Raven connect ED Aeroclub	1717 (school students)
DKIRF AWARDS	Excellence Teaching in Higher Education-2018	DK International Research Foundation	6000

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 coordinated in such activities	Number of students participated in such activities
Mathribasathivas (Int. Mother Tongue day) 21.02.18	Dept. of Education	-	01	120
Teacher’s day – 31.8.17	Dept.of Education & Tamil mandaram Competitions	-	02	100
'Swachh Bharat Summer Internship	MHRD (Collaborating Agency)	Swachhata revolution	1	16
Swach Bharat	NSS	Swachhta Hi Seva Cleaning Campaign	1	29
	NSS	National Voters day Rally	1	37
	NSS	Tree plantation programme	1	20
	NSS	Cashless transaction Program	1	10
	NSS	Swach Bharath	2	30
	NSS	Blood donation camp	1	30
	NSS	Road Safety Measurement	1	35
Group Project	St.Xavier’s Middle School, Vallam	Dengue	4	1
Guest Lecture	-	“Community Development Current Scenario and Emerging Challenges”	1	1
Community Organization	-	“Technological Abuses”	1	1
	Mother Teresa	“Problem faced by	1	1

Programme	Anbullam, Mathakkottai.	Adolescent boys”		
	District Collector Office, Thanjavur	“Unique Disability ID”	1	1
	-	“Child Care and Protection”	1	1
	-	“Awareness programme on Dengue”	1	1
		“Addiction is a Disease”	1	1
	District Differently Abled Welfare Office, Thanjavur	“National Guardianship Certificate”	1	1
	Government Middle School, Ezhil Nagar, Thuraipakkam	“Sustainable Development on Education”	1	1
	Sri Victoria Integrated Rehabilitation Centre for Addicts, Mathakkottai, Thanjavur.	“Alcoholism”	1	1
	Voluntary Association for People Service (VAPS), Madurai	“Valedictory function on Jute and Banana Fiber products making”	1	1
	CSI Residential Special School for Intellectually Challenged Children Anbullam, Thanjavur.	“Personal Health and Hygiene”	1	1
	Town Middle School, Kailasapuram, Tirunelveli. .	“Child Care and Protection”	1	1
	The Best Life Foundation, Chennai.	“Addiction is a Disease”	1	1
Training Programme	CHILDLINE & SHED India, Thanjavur.	Preventing Child Sexual Abuse and Keeping Children Safe Online	1	1
Pura Medical Camp, Komapuram	PMIST	Free Medical Camp	1	15
Free Medical Camp	KG Multispecialty Hospital, Thanjavur & Vasan Eye Care, Thanjavur	Medical Camp	2	1
National Service Scheme	PMIST-NSS	Swachh Bharat	01	25
	PMIST & Govt. Middle School, Vilarippatti	Swachh Bharat	01	15
	PMIST & Community People in Vilarippatti	Village Cleaning Awareness Programme (Swachh Bharat)	01	10

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
Student Exchange Program	Jesse Cameroon & Raj Dahal	University of Prince Edward Island (UPEI), MITACS, Canada	12 weeks (Apr-July)2018

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-To)	Participant(s)
Software Training	“Master Diploma in Professional AeroCAD”	Sri Design CAD Technologies Pvt. Ltd., Chennai	February 2018 to April 2018	13
School-University Training	Internship Teaching Practice	Dept. of School Education-PMIST	27.06.17 to 15.07.17; 02.01.18- to 25.01.18	55
Project Work	Project Work	SANDS India Pvt. Ltd. Chennai	2017-2018	28
Pre Employment Internship	Block placement	World vision India,chennai	February 1-March 31	1
	Block placement	Best life foundation,chennai		1
	Block placement	Metal storage systems private limited, Bangalore.		1
	Block placement	Hotel Promenade, Pondicherry		1
	Block placement	CHLDLINE-1098,Collab organisation,Thirunelveli		1
	Block placement	Voluntary Association for People Service (VAPS), Madurai		1
Project Implementation	Training cum Development Programme	SANDS INDIA (P) Ltd., Chennai	August 2017 – April 2018	37
	Feedback Management System	i-Sysway Technologies 12-A,NallaiyahComplex, Srinivasan Pillai Road, Thanjavur-613001	July 2017 – Dec 2017	1
	QR Code Voting	Uniq Technologies #1 Shifa Arcade, Bharathu Nagar, 1 st Street,North Usman Road, T-Nagar,Chennai -600017		1
	Ayurveda Hospital Management System	i-Sysway Technologies 12-A,NallaiyahComplex, Srinivasan Pillai Road, Thanjavur-613001		1
	Smart Medical Shop	i-Sysway Technologies		1

	Maintenance System	12-A,NallaiyahComplex, Srinivasan Pillai Road, Thanjavur-613001		
	Smart Real-Time Healthcare Monitoring And Tracking System Using GSM/GPS Technologies.	Uniq Technologies #1 Shifa Arcade, Bharathu Nagar 1 st Street,North Usman Road, T- Nagar, Chennai -600017		1
	GCM(Google Cloud Messaging)	Uniq Technologies #1 Shifa Arcade, Bharathu Nagar, 1 st Street,North Usman Road, T-Nagar,Chennai -600017		1
	Augmented Reality Map	JIT Academy New Bus Stand,NearKowsik Hotel,Thanjavur-613007		1
	Abrupt Motion Tracking Via Intensively Adaptive Stochastic Estimate Monte Carlo (SEMC)Algorithm	GLIDER Soft 2 nd Floor,Muthu Arcade, Nungambakkam, Chennai-34		1
	Student Performance And Analysis	HP, 184/2,Chandamama Building, NSK Salai, Vadapalani,Chennai - 26		1
	Multi New Product Survey Management System	MLD (DalmiaLaminators.Ltd) SIPCOT Industrial Complex, Gummidipoondi, Chennai-601201		1
	Fake Product Review Monitoring System	MyIT No.7,2 nd Floor,Er.Selvam Tower, Thanjavur-613005.		1
	Catalog Management System	Magellanix Technologies Solution, 106,East Coast Road, Neelankarai, Chennai-41		1
	Ration Shop Monitoring Services	Uniq Technologies #1 Shifa Arcade, Bharathi Nagar, 1 st Street,North Usman Road, T-Nagar,Chennai -600017	July 2017 – Dec 2017	1
	Ear Hear Android Application	Uniq Technologies #1 Shifa Arcade, Bharathi Nagar, 1 st Street,North Usman Road, T-Nagar,Chennai -600017		1
	Lipid Application	High Cloud Technologies, JVL Tower, 2 nd Floor, NelsonManickam Road, Nungambakkam, Chennai-29		1
	Automatic Parking Space Detection	Uniq Technologies #1 Shifa Arcade, Bharathi Nagar, 1 st Street,North Usman Road, T-Nagar,Chennai -600017		1

	Catalog Management System	Magellanix Technologies Solution,106,East Coast Road,Neelankarai, Chennai-41		1
	Moving Object Detection Using Background Subtraction From Video Sequences	GLIDER Soft 2 nd Floor,Muthu Arcade, Nungambakkam, Chennai-34		1
	School Management System	Infoziant #3,First Floor,Vembuli Amman KovilStreet, Pazhavanthangal Chennai-14		1
	Teaching and Learning Tool	Periyar Maniammai Institute Of Science & Technology, Periyar Nagar,Vallam Thanajavur-613403		1
	Hale And Hearty (Health-App)	High Cloud Technologies JVI Tower,2 nd Floor Nelson Manickam Road, Nungambakkam,Chennai-29		1
	Robust Big Data Analytics For Electricity Price Forecasting in the Smart Grid	GLIDER Soft 2 nd Floor,Muthu Arcade, Nungambakkam, Chennai-34		1
	Mona: Secure Multi-Owner Data Sharing for Dynamic Group in the Cloud	MLD (DalmiaLaminators Ltd), SIPCOT Industrial Complex, Gummidipoondi, Chennai-601201	July 2017 – Dec 2017	1
	Privacy –Preserving Smart Semantic Search Based On Conceptual Graph Over Encrypted Outsourced Data	GLIDER Soft 2 nd Floor,Muthu Arcade, Nungambakkam, Chennai-34		1
	Crime Records Management System	Uniq Technologies #1 Shifa Arcade, Bharathi Nagar, 1 st Street,North Usman Road,T- Nagar, Chennai -600017		1
	Privacy Violation Detection for Online Social Network	MyIT No.7,2 nd Floor,Er.Selvam Tower,Thanjavur-613005		1
	Twitter Data mining Using Python	No.5,NIT Campus Post, Calicut-673601,Kerala		1
	Real Time Mobile Finder Using GSM/GPS Technologies	Uniq Technologies #1 Shifa Arcade, Bharathi Nagar, 1 st Street,North Usman Road, T-Nagar,Chennai -600017		1
	A Context- Aware Service Evaluation Approach Over Big Data for Cloud Computing	GLIDER Soft 2 nd Floor,Muthu Arcade, Nungambakkam, Chennai-34		1

Graphical Information System	Uniq Technologies #1 Shifa Arcade, Bharathi Nagar 1 st Street,North Usman Road, T-Nagar,Chennai -600017	1
Connecting Merge Banking	Uniq Technologies #1 Shifa Arcade, Bharathi Nagar, 1 st Street,North Usman Road, T-Nagar,Chennai -600017	1
Text Analysis On Twitter Data Using Hadoop	GLIDER Soft, 2ndFloor,Muthu Arcade, NungamBakkam, Chennai-34	1

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

Organization	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
PMIST & International Center for Global Excellence(ICGE) USA and ESKAY Academic services Chennai	MoA signed on 21.06.2018	To conduct courses on Communication Skills, Life Skills and Bridge Technology for students.	771

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
73.58 Lakhs	94.91 Lakhs

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	114.64 Acre	--
Class rooms	97	--
Laboratories	64	--
Seminar Halls	12	--
Classrooms with LCD facilities	49	--
Classrooms with Wi-Fi/ LAN	97	--
Seminar halls with ICT facilities	12	4
Video Centre	1	1
No. of important equipments purchased (\geq 1.0 lakh) during the current year.	--	40 nos. of Desk Top PC
Value of the equipment purchased during the year (Rs. in Lakhs)	--	17 lakhs
Others	--	--

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 partially)	Version	Year of automation
BRAIN	Fully	V2.16.	2005

4.2.1 Library Services

	Existing Up to 30.06.2017		Newly added as on 01.07.2017 to 30.06.2018		Total Cumulative value Rs.	
	No.	Value Rs.	No.	Value Rs.	No.	Value Rs.
Text Books	81822	12626454	158	95750	81980	12722204
Reference Books	8962	626794	61	193894	9023	820688
e-Books	60000	*230000	Nil (not renewed)	Nil	Nil	*230000
Journals & Magazine	147	*1246286	143 (Renewed)	*395797	143	*1642083
e-Journals (IEEE & ASCE)	170	*3098174	Renewed 170	*664225	170	*3762399

<u>Digital Database</u> 1.(J-Gate &ProQuest)	database 7500+ journals (Renewed)	*494791	database 7500+ journals (Renewed)	*247800	7500+ journals	*742591
2.UGC INFONET (Annual Review& MathSciNet)	500+	*540119	NIL (not renewed)	NIL	Nil	*540119
CD	1634	163400	21	2100	1655	165500
Video	175	35000	03	600	178	35600
Others (specify) (Membership)						
1.British Council	Renewed	*55500 From 2002	Renewed	*8500	1	*64000
2.DELNET	Renewed	* 51000 From 2014	Renewed	*13570	1	*64570
3.Current Science Association	Life Member	*100000	Nil	Nil	Nil	*100000
a) Book value Cumulative	-	13451648	-	292344	-	13743992
b) Annual Subscription Renewal * Marked amount	-	5815870	-	1329892	-	71,45,762
c) Total Expenditure	-	1,92,67,518	-	16,22,236	-	2,08,89,754

4.2.2 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
Latha R	Project Management	ppt,doc,mp4	30/12/2017
V.A. Shanmugavelu	Prefabricated Components	pdf	04/01/2018
Kumar D	Nanotechnology_Big things from a tiny world	pdf	08/01/2018
Meena K	Types Of Media, Video Editing Techniques, Java Cryptography	pdf ppt	24/12/2017
Sethurajan K	Object Oriented Data Model Victor Horta	doc ppt	22/12/2017
K.V.R.Rajandran	Ethical Theories And Approaches	pptx	26/12/2017
Aruna P	Java, The Complete Reference	pdf	04/01/2018
Buvaneswari .S.	Inverse Interpolation Method	doc	02/01/2018

Kumaran S	IPR-Disputes, DNA Methylation Patent-Act-1970	Pptx, pdf docx	03/01/2018
Vanitha R	Boolean Algebra History Of Communication	ppt pptx	02/01/2018
Geetha P	Conditions On General Fourier Series Steady State Solution Of Heat Equation	doc	30/12/2017
Ar. Umayal Sundari	Introduction To Nuclear Physics Basics Of Nuclear Structure	pdf	02/01/2018
Princess Rosaline S J	Statically Indeterminate Structures Pipes And Tanks	pdf	30/12/2017
Umamaheswari D	Income And Expenditure Account Distinction Between Receipt And Payment	docx	26/12/2017
Arumugam R	Poisson Distribution	doc	28/12/2017
Jayanthi J	First Order Differential Equation Partial Derivatives	docx	08/01/2018
Chandrakumar Peter M	Flash Tools, Animation	docx	08/01/2018
Anusha.N	Introduction To Laplace Transforms	doc	09/01/2018
Anusha.N	Construction Of Analytic Function	doc	04/01/2018
Sakthimurugan K	Concept Of Plate Girder, Limit State Method, Welding Problem	ppt	24/12/2017
Chittibabu S	Time Value Of Money, Return On Investment, Plant Location And Layout	docx	02/01/2018
Thamilvanan G	Periodic Properties	ppt	06/01/2018
B. Sridevi	Convolution Theorem, Formation Of Difference Equations, Predicate Calculus	doc	09/01/2018
Jasmine Vidhya K	Early Mesopotamian Architecture Assyrian Architecture, Roman Circus	doc	26/12/2017
Lakshmi K	Early Concepts And Products, Design Patterns, Extended Arduino Libraries	pdf	28/12/2017
Sangeetha A	Ethanol And Edible Oil, Manufacturing Of Pulp, Paper, Sugar And Starch , Crystallization And Drying	pdf	02/01/2018

Anand Jerard Sebastine A	Community Integration 74th Ammendment	pptx	03/01/2018
Thirumal Murugan G	Arches And Suspension Cables Influence Line Diagram Moment Distribution Method	pdf	22/12/2017
Guru.P	Noise Pollution Introduction To Bank	ppt	30/12/2017
Snehya A V	Bioreactor Control System Immobilized Bioreactors Microbial Growth Kinetics And Its Variables	pptx pdf	06/01/2018
Chithra K	Steel Production Staircase Glass With Steel History Of Steel	pptx	02/01/2018
Thayalnayaki D	Sludge Treatment And Disposal Disposal Of Sewage Disinfection	ppt pdf	04/01/2018
Gokulanathan.A	Spread Spectrum & Multiple Access Schemes, Spread Spectrum & Multiple Access Schemes	pdf	09/01/2018
Karthic Subramaniyan I	Aerodynamic Forces Two Marks For Aerodynamics	pdf	24/12/2017
Manikandan S P	Power Plant Engineering, Thermal Lab Manual, Gas Dynamics	pdf docx	30/12/2017
Shivakumar N	Crystallography, Materials	ppt	02/01/2018
Ramesh Babu N	Projection Of Points And Lines Water Supply Pipes, Sewer Appurtenances	pdf	02/01/2018
Kesavan J	Tool Engineering, Heat And Mass Transfer, Cnc Programming	pdf docx	04/01/2018
Anusuya (A) Priya C	Bharathithasan Life History	pdf	08/01/2018
Sudhakar D	Otto Cycle Derivation Diesel Cycle Derivation	pdf	09/01/2018
Thiyagarajan R	Product Development Process Notes Statistical Fundas Of Quality	pdf	26/12/2017
R.Udhaya Sankar	Difference Between Venture Capitals And Angel Investors, Venture Creation	docx	04/01/2018
Priya C	Speech Communication -Notes - File 3	pdf	28/12/2017
Mullai.J	Surveying, Site, Plot, Land, Region	pptx	03/01/2018
Vasanthavalli K	Vibration, Response Of The Structures, Seismology	doc	04/01/2018

Lenin P	Entrepreneurial Competence, Business Plan Preparation Market Selection	docx	28/12/2017
Muthuraman R K	Transonic Area Rule (Tar) Aerodynamics 1 Mcq	docx	03/01/2018
Sharmila T	Building Bye-Laws, Isometric Projections	pdf	02/01/2018
Uma Mouthiga E	Perspective – Intro, Urban Conservation Principles	pptx	04/01/2018
S. Gomathi	Alloys And Transister, Nitrogen Fixation And Nitrogen Cycle	pptx	06/01/2018
Karthikeyan M	New Product Development Creativity And Innovation In Entrepreneurship	pdf	30/12/2017
B.Nalini	Sidco-Small Industries Development Corporation, Project Management	pdf	08/01/2018
Suganthi K	Organisation, Change Manganement	pptx	24/12/2017
Vivek C.M	Internal Combustion Engines, Renewable Energy Sources Internal Combustion Engine	pdf	04/01/2018
Ashokkumar A	Heat Exchanger Design And Drawing Onsite And Offsite Safety	pdf	06/01/2018
Ar.S.Pratheeba	Spatial Organization And Relationship Architectural Forms	doc	02/01/2018
Anbarasu K	Rules For Manufacture, Import, Export, Bio-Tech\Biosaftey, Bioethics And IPR\Docx\Rules For Manufacture, Import, Export_1.Docx	docx	30/12/2017
Kiruthiga.R	Elements Of Islamic Arhcitecture Indo-Islamic Structures	pdf pptx	30/12/2017
Sahana R	Dot Matrix Method, Scope And Importance Of Bioinformatics Molecular Docking	pptx docx	30/12/2017
Amreen Nisa S	Bacteriophage	pdf	26/12/2017
Srinivas Yelisetti	Scada And Ems Systems	pptx	04/01/2018
Dinu Raj S	Marketing Mix Design And Production	pptx	22/12/2017
Nitin Kumar	Bonding And Protein Structure Amino Acids And Their Characteristics	ppt	04/01/2018
Jayanthi N	Contributions Of Management	pptx	02/01/2018

	Theories, HRD Concept And Evolution		
Mohammad Danish	Energy Storage Devices, Molecular Spectroscopy, UV-Visible Spectroscopy	pptx	03/01/2018
Subramaniam N	Investment Management, Management Accounting	docx	26/12/2017
M. Arivanandan	Principles Of Group Work Social Case Work Ignou Materials	pdf	02/01/2018
Manikandan S	Unit3-Mother Board Installation Unit3-General Diagnostic Techniques	docx	30/12/2017
Santhi Flora P	Database Architecture And Er Diagram Recovery Systems	pdf	02/01/2018
Elakkiya E	Time And Work PIE Chart	doc	30/12/2017
Babu Shajan Kevin	Mechanics Of Motion Figurative Animation	pdf	06/01/2018
Balaguru Prasanna U	Design Problem Sheet Characterisation And Design	pptx	04/01/2018
K.Mohanasundaram	Population Explosion Students Ownership Of Knowledge	docx	08/01/2018
Pattapu Krupa Sekhar	Comparison_Of_Railways_And_Highways, Highway_Pavement	ppt	09/01/2018
Ankita Chandra	Social Ethics, Gender Equality Harmony	docx	24/12/2017
R Jaikar Joseph	Decision Making And Diffusion Of Innovation	pptx	04/01/2018
Rajathi M	Arrays Concepts, Functions Introductions To C++	pdf	28/12/2017
Chitra Devi T	Allocation Of Common Expenses	docx	02/01/2018
Prakash R	E-Commerce And E-Business Meaning. Importance In The Context Of Today's Business	docx	03/01/2018
Subramanian C V	Design Of Shading Devices Energy Efficient Buildings In India	pdf	26/12/2017

4.3 IT Infrastructure									
4.3.1 Technology Upgradation (overall)									
	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	1051	20	1051	-	745	28	278	1GBPS	NIL
Added	40	-	40	-	40	-	-	-	
Total	1091	20	1091	-	785	28	278	1GBPS	

4.3.2 Bandwidth available of internet connection in the Institution (Leased line) 1 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
Brain v2.16	http://172.20.60.13/econtent

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 incurred on maintenance of physical facilities
650.72 Lakhs	549.89 Lakhs	17.82 Lakhs	17.89 Lakhs

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)

Repair, Maintenance and Service Policy

Policy Statement:

Estate Office equipped with compatible office bearers, provides services and carry out preventive maintenance and repair of all residential, academic and administrative buildings on campus. This policy outlines the scope of maintenance, repair and responsibilities of estate management division in the residential, academic and administrative buildings and surrounding areas within this campus.

- All staff and faculty members of the institution who are responsible for managing space, overseeing events within residential, academic and administrative buildings or in campus area covered by this policy.
- Services and Infrastructure facilities are to be maintained by the maintenance department which is provided with trained technical staff to look after maintenance of the institution.

- A duly filled & signed complaint form is to be forwarded to the respective maintenance department for any kind of maintenance or repair, which they physically examine & then rectify the problem.
- Dry and wet cleaning of class rooms, seminar hall, laboratories, faculty rooms, office, library, corridors and wash rooms is to be done daily. Daily cleaning chart is to be maintained for the same.
- Usage of instruments and equipments which are accessible to students is to be monitored through log books.
- For cleaning and sanitation of toilets and wash rooms rooms, disinfectant solutions are to be used as per Standard Operating Procedures. Aprons, cap, mask, gloves and sleepers shall be made separately available in estate Office.
- The instruments and equipment are to be cleaned, calibrated and maintained on regular basis.
- The books in library are to be accessioned, stamped and then shelved. Book binding is to be done for damaged books to prevent further damage. Institution has constituted Library Advisory Committee for effective accessibility and availability of learning resources to students and faculty.
- For two central RO plants used to provide constant water supply to campus and a supervisor is appointed to look after it.

The maintenance of UPS and the Generator is to be regularly done by Electrical division.

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	Merit Scholarship	655	95,36,500
	First Graduate Scholarship	359	44,65,000
	Sports Scholarship	35	15,20,000
	Siblings Scholarship	01	13,350
	Female Scholarship	03	27,000
	Thanjavur District Scholarship	04	35,000
	PURA Village Scholarship	02	59,000
	Socio Economics Scholarship	02	1,34,500
	Total	1061	1,57,90,350
Financial support from other sources			
a) National	Merit-cum-Means Scholarship for Professional and Technical Courses.	01	20,000
	Agamudaiyar Sangam Trichy	01	15,000
	1.Uzhaippalar sangam	01	1000
	2.Udaluzhaippu Thozhilalar Nala Sangam	01	4000
	BIS Scheme conducted by BIRAC internship Biotechnology Industry Research Assistance Council (BIRAC) set up by Department of Biotechnology (DBT), Government of India	01	1,00,000
b) International	Khorana Scholarship The Department of Biotechnology (DBT), Govt. of India, Indo-U.S. Science and Technology Forum (IUSSTF) and WINStep Forward are partnering to support the prestigious Khorana Program for Scholars.	01	Return ticket & Health Insurance and Stipend US \$ 5,000
	Total	6	Rs. 1,40,000/- + US \$ 5,000

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 implementation	Number of students enrolled	Agencies involved
Auto CAD	09.07.2017 – 09.09.2017	75 (Batch - 2016-19)	CADD CENTRE, Thanjavur & Faculty of Architecture
3D printing	22.11.2017 –	60	

	27.11.2017	(Batch - 2014-19)	and Planning
Revit Architecture	13.12.2017 – 05.05.2018	51 (Batch - 2014-19)	
Revit Architecture	27.03.2018 – 05.05.2018	74 (Batch - 2015-20)	
Remedial Coaching	All working Saturday of - Odd and Even Semester	(Batch - 2015-20, Batch - 2016-21, Batch - 2017-22)	
Meditation	One day allotted in Orientation Program.	78	Heartfulness Education Trust
Personal Counselling and Mentoring	Monthly once	291	Department Faculties
Concurrent Carrier Development Programme (CCDP) STADD PRO & AUTOCAD	07.05.18	53	CADD Centre Thanjavur
	21.05.18	65	
Seminar on Career Opportunities in satellite technology and wireless sensor networks	28.07.2017	35	EduSAT, VIGYAN PRASAR, Department of Science and Technology, New Delhi.
Guest lecture on Mobile Communication	07.08.2017	21	NIT- Tiruchirappalli
Two day Workshop on Embedded Systems	08.08.2017 & 09.08.2017	47	SANDS India Pvt. Ltd, Chennai
ELCO FESTA 2K17 Symposium	07.09.2017	350	PMIST
Lecture on Multirate Signal Processing	09.09.2017	46	K Ramakrishna College of Engineering, Trichy
Awareness programme on Career Progression	27.09.2017	125	Campus UK Technology and Solutions
Value Added Course (Java Programming)	July 2017 to Dec 2017	20	Scion Research & Development, Thanjavur
Creo Software Coaching	21.09.2017	20	CADD Centre - Thanjavur
Employability Skill Test	25.09.2017	110	Wheel Box
Personal Counselling and Mentoring	08.02.2018	74	Mrs.D.A.LillyPushpam
	09.02.2018	170	
Soft skill development	26-07-2017	55	Dr. P. Prema Former Dean/ Dept. of Education Alagappa University

Soft skill development	14-08-2017	91	Mr.R. Balakrishnan IAS Addl. Chief Secretary, Govt. of Odissa
Personal Counselling and Mentoring	Monthly once	91	Faculty, Dept. of Education PMIST
Intensive training program for tribal children on basic science and mathematics	26.07.17 - 31.07.17	10	Organised by VIGYAN PRASAR , DST, Govt. of India and Centre for Rural Development, Periyar Maniammai University.
Dr.A.P.J.Abdulkalam's second commemoration day	27.07.17	50	NSS,-PMIST
Swachh Bharat	31.07.17	27	NSS, NCC & NSO- PMIST
Quit India Movement anniversary' and Independence Day celebrations	09.08.17 - 14.08.17	2160	NSS, NCC & NSO- PMIST
International day of the girl child pledge	12.10.17	150	NSS-PMIST
World aids day awareness programme	01-12-2017	1000	NSS-PMIST
State level Basic Leadership Camp	12. 07. 2017 to 21. 07. 2017	500 Cadets from all over Tamil Nadu	8-TN BN NCC, Kumbakonam Venue –PMIST, Vallam
Combined Annual Training Camp(CATC)	25.07.2017 to 04.08.2017	500 Cadets from all over Tamil Nadu(in this camp 22 air cadets from PMIST)	3-TN Air Sqrn NCC, Trichy Venue –PMIST, Vallam
Combined Annual Training Camp(CATC)	02.08.2017 to 11.08.2017	06 cadets attended RDC selection camp	2-Armed BN NCC, Trichy Venue-Anna University,Trichy
Combined Annual Training Camp(CATC)	02.08.17 to 21.08.2017	500 Cadets from all over Tamil Nadu (14 army cadets from PMIST)	34- TN INDEP COY NCC, Thanjavur Venue - PMIST, Vallam
RDC selection camp	19.08.2017 to 28.08.2017	06 cadets from PMIST	Venue- Alagappa College of Physical Education, Karaikudi
Vayu Sainik (VSC) Inter Group Competition Camp(IGC) camp	01.09.2017 to 10.09.2017	One Flight from PMIST	Air force station, Tambaram

RDC selection camp	08.09.2017 to 17.09.2017	06 cadets from PMIST	2-TN BN, Tindukul, Venue-GTN- college Tindukul
RDC selection camp	23.09.2017 to 02.10.2017.	06 cadets from PMIST	Venue-BHEL TAMIL MEDIUM MIDDLE SCHOOL, Trichy
RDC selection camp	06.10.2017 to 15.10.2017	06 cadets from PMIST	Anna University, Trichy
Inter Group Competition Camp(IGC)	21.10.2017 to 30.10.2017	06 cadets from PMIST	Anna University, Trichy
National Integration Camp (NIC)	06.11.17 to 17.11.2017	500 Cadets from all over India	34- TN INDEP COY NCC, Thanjavur Venue –PMIST, Vallam
Directorate RDC Training camp- I	21.11.2017 to 30.11.2017	04 of NCC Flight cadet from PMIST	Venue-Karpagam University, Coimbatore
RDC Marina contingent drill camp	3.1.2018 to 27.1.18	01 flight cadet from PMIST	Marina- Chennai
C certificate Examination	February 2018	17 (3 AIR) cadets , 02 (4 GIRLS ARMY) cadets and 11 (34 ARMY) cadets appeared	NCC, GP, Head Quarters, Trichy
B certificate Examination	March 2018	30 cadets appeared	NCC, GP, Head Quarters, Trichy
Combined Annual Training Camp(CATC)	05.06.2018 to 14.06.2018 (10days)	05 Cadets from PMIST	3-TN Air Sqrn NCC, Trichy, Venue –NIT, Trichy
Combined Annual Training Camp (CATC)	21.06.2018 to 30.06.2018(10 days)	500 Cadets from all over Tamil Nadu	3-TN Air Sqrn NCC, Trichy Venue –PMIST, Vallam

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 by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2017-2018	Architecture	18	0	2	-
2017-2018	Aerospace Engg.	14	14	Nil	09
2017-2018	Biotechnology	10	30	NIL	08

2017-2018	Civil		102		26
2017-2018	CSE	12	34	-	26
2017-2018	Chemical Engg.	-	17	-	07
2017-2018	ECE	Nil	56	Nil	26
2017-2018	EEE	07	36	Nil	15
2017-2018	Mechanical Engg.	30	120	Nil	30
2017-2018	IT		17		12
2017-2018	B.Com		44		25
2017-2018	BCA(CA)		38		39
2017-2018	BSc Animation & Multi		08		-
2017-2018	MSc S/W		14		07
2017-2018	MBA		36		22
2017-2018	MCA		32		10
2017-2018	Political science	40	0		-
	Total	131	598	2	262

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	No. of grievances redressed	Average number of days for grievance redressal
05	05	4 days

5.2 Student Progression

5.2.1 Details of campus placement during the year

On Campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
M/s IDBI Federal Life Insurance Pvt. Ltd, Coimbatore (Erode Division)	600	133	M/s IVTL Infoview, Chennai	10	-
M/s Surya Informatics Solutions Pvt. Ltd. Chennai	150	18	M/s Sanmar groups pvt ltd, Chennai	15	-
M/s Flipkart (through WMSPL) Bangalore	100	15	M/s Capgemini pvt ltd, Chennai	10	01
M/s Just Dial, Chennai	100	01	M/s Sanmina, Chennai	05	03
M/s Future Generali India Life Insurance Company Ltd; Chennai	125	43	M/s Global Space Technologies, Maharashtra	10	-
M/s Hexaware, Chennai	156	07	M/s Indigo Airlines	25	02
M/s CMS IT Services	90	36	M/s Subasree electronics	10	02

Private Limited, Chennai			system, Chennai		
M/s Eureka Forbes, Chennai	25	15	M/s Aedx, Chennai	03	01
M/s Force Motors Ltd; Chennai	52	04	M/s Veev Technologies, Chennai	10	-
M/s SS Technovation, Chennai	10	01	M/s ICICI Bank – TVS Training & Services Ltd, Chennai	05	-
M/s Bankzone pvt. Ltd; Chennai	77	35	M/s Prasad Infotech, Thanjavur	03	01
M/s Vertex, Chennai	58	19	M/s Isysway Technologies, Thanjavur	03	02
M/s Grean Creative Solutions	80	43	-	-	-
M/s Kotak Life Insurance Co Ltd, Chennai	100	24	-	-	-
M/s Global Auto Components , Chennai	75	04	-	-	-
M/s RRM Technologies, Chennai	75	06	-	-	-
M/s Vignesh Enterprises & Survey Engineers, Chennai	75	03	-	-	-
M/s American Mega trends, Chennai	88	-	-	-	-

5.2.2 Student progression to higher education in percentage during the year:

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2017-18	2	B.Arch	Architecture	SAP, Anna University	M.Arch
2017-18	1	B.Arch		SPA, Vijayawada	M.Arch
2017-18	1	B.Arch		SPA, Vijayawada	M.Plan
2017-18	1	B.Arch		MEASI Academy of Architecture, Chennai	M.Arch
2017-18	2	B.Arch	Architecture	SVS School of Architecture, Coimbatore	M.Arch

2017-18	02	B.TECH	ECE	PMIST	M.Tech (WCS)
2017-18	01	B.TECH	ECE	MIT Chennai	M.Tech (Embedded System and VLSI Design)
2017-18	01	B.TECH	ECE	SASTRA	M.Tech (Communication Systems)
2017-18	01	B.TECH	ECE	Anna university Chennai	M.Tech (Embedded System)
2017-18	01	B. Tech	EEE	SRM Deemed to be University	M. Tech
2017-18	4	B.Tech.	Mechanical Engineering	SASTRA University SRM University	M.Tech. M.B.A
2017-18	02	B.Tech.	CSE	Velammal Engineering College, Chennai. SASTRA University, Thanjavur	MBA
2017-18	01	B.Tech.	CSE	K.Ramakrishna College of Engineering, Trichy	M.Tech.
2017-18	6	B.Com	Commerce	PMIST, SASTRA, Gnanam School of Business	MBA CA (Inter)
	1	B.Com (Hons)	Commerce	IBA's Business Academy	MBA
2017-18	02	B.Sc Physics	Physics	Loyola college, Chennai SASTRA University, Thanjavur	M.Sc Programme
2017-18	01	Political Science	Political Science	PMIST	M. Phil.
	01	Political Science	Political Science	Government Law College, Trichy	B.L.
2017-18	06	BCA	CSA	PMIST	MCA
				PMIST	MBA
				Anjalai Ammal Mahalingam Engg. College	MCA
				SASTRA- 2	MCA

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	No. of Students selected/ qualifying	Registration number/roll number for the exam
SET	Political Science - 01	32123584
GATE	Arch - 01	AR18S47133104
Any Other	ECE - Probationary Officer Canara Bank (02)	1. Jayalakshmi A - 111011013602 - 2011-15 Batch 2. Shyamala L S - 112011013757 - 2012-16 Batch

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year		
Activity	Level	Participants
PEACE, Open House	Institution level	200 Students
Science Day Projects Exhibit	Institution level	100 Students
Celebration of World Students Day October 2017	Inter-department level	All First Year Students of PMIST
Matri Basha Diwas Day (International Mother Tongue Day) - February 21, 2018	Inter-department level	All First Year Students of PMIST
Periyar Memorial Tournament 2017	State Level Football (MEN), Volley ball (MEN), Basketball (MEN) Ball-Badminton (WOMEN) Badminton (Staff), Chess (Staff)	600 Participants
Annual Sports Meet	Institution Level	200 Participants

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/ International	Sports	Cultural	Student ID number	Name of the student
CULTURAL						
III-M.Sc (SE)	Gold medal	District level	-	Firing event in NCC camp (25/7/17)	115011351282	A.Ishwarya
II (M.S.c SE)	I Prize	National		Technical Symposium 20.9.2017	116012351310	Ramanathan Narmadha
I M.Sc (SE)	II Prize	District level		District level high Jump at Annai Sathya Satidum Thanjavur(22,23,24 August 2018)	117012351324	M.Karthic

II year (B.Sc A&M)	I prize	State Level		Inter College festival in Mepco Schlenk Engineering College, Sivakasi (8.9.17- 9.9.17)	116012157012 116012157027 116012157013	B.AakashAshw in Y.Sivasurya G.Ajith
I (B.Sc A&M)	III prize	State level		Photography exhibition cum competition, St. Joseph's college, Trichy (27.9.2017)	117012157042 117012157041	M.Janakiraman N.Jahir Hussain
II (B.Sc A&M)	II Prize III Prize	National		Photography compation, dept., of Mechaznical, PMIST 6.10.17	116012157032 116012157031	P.Dhina N.Mohammed Shameer
II (B.Sc A&M)	II Prize	State level		Shishya Short Film contest, Srimad Aandavan College of Arts and Science, Trichy (12.1.18)	116012157012 116012157032	S.Lakshmi Narayanan P.Dhina
II (B.Sc A&M)	I Prize	National level		Find cut event Yugam, Kumaraguru College of technology, Coimbatore (10.2.18)	116012157012 116012157017 116012157031 116012157027	P.B.Akash Ashwin S.Lakshmi Narayanan N.Mohammed Shmeer Y.Siva Surya
II (B.Sc (A&M)	II Prize	State level		Creative zone at Subbu Lakshmipathy college of Arts and Science, Madurai (16.2.18)	116012157012	P.B.Aakash Aswin
IV CSE	First Prize	International		10 th All India Yogasana Competition @ Nehru Indoor Stadium, Chennai on 2 nd July 2017	114011012566	Ms.G.Tharangini
I M.S.W	Photography (III place)	National		Catharsis'2017	117012901073	A.Raja

SPORTS					
I Mech	Silver Medal -4x50mts (Obstacle Relay), Bronze Medal – 4x50mts (Medley Relay)	National	National level Pool, Beach and Ocean life saving sports championships - 2017	117012065450	R.Sriram
IIECE	Gold Medal (Kick Boxing)	National	National level Rural Games Federation cup 2017-2018	116012013951	G.Vigneshwar
II Aero	Gold Medal (Boxing)	National	National level Rural Games Federation cup 2017-2018	116012016171	S.Godwinraj
I CSE	Bronze Medal (Boxing)	National	National level Rural Games Federation cup 2017 - 2018	117012012516	A.Akash
II Aero	Bronze Medal - Athletics (1500mts)	National	National level Rural Games Federation cup 2017 - 2018	116012066007	S.Shyam Shankar

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 and recommendations of Lyngdoh Committee Report, PMIST ensures strict compliance of the orders of the Hon'ble Supreme Court for the conduct of student council elections as per the guidelines. The students council election of PMIST is conducted in a democratic way every year during August and the Students council members are elected based on their Academic, Curricular, Co-Curricular and other performances of the representatives from all the classes / sections and departments of the institution.

- Students Council supports in conducting major events in the campus like Periyar Annual Cultural Events (PEACE), Annual sports meet, Open House exhibitions, Science Day and Technology day celebrations and other events. Institution funds the Students Council in organising all the events and meetings.
- Anti ragging committee comprises of three student members representing First year, Second year and Third year. Whenever enquiry is conducted related to the Anti ragging, these members play active role representing student community.
- Each department has a Quality Basic Circle committee which consists of three representatives per class, year wise as its members. During Quality Middle circle meetings, class representatives participate along with staff members and HoD to represent their needs and requirements.
- Each department has got its own students associations for them to actively participate and organize various events. To mention a few: Architecture dept,- FoPears, EEE dept.-Synergy, Civil dept.-Civil Engineering Student Association, Commerce dept.-Commerce Association
- Student's council comprises of Class representatives elected from each class department wise for refining various Academic and Administrative needs.
- Elected Student Council Chairperson shall be a member of IQAC.

5.3 Alumni Engagement
5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):
<p>Yes.</p> <p>It has been registered under Tamil Nadu Society Registration. The name of the society is Periyar Maniammai Alumni Association. Its register number is 35/ 2015. Forty members have been registered in this society. It is periodically conducting the internal meeting to strengthen its activities. The association organized Silver Jubilee Alumni Meet of the first (Pioneer) batch in December 22nd & 23rd, 2017 in the Institution premises. The alumni as stakeholders are actively involved in Board of Studies, Internal Quality Assurance Cell and other administrative bodies of the Institution, by providing continuous feedback.</p>
5.3.2 No. of registered Alumni:
40 Nos. Registered during 2017-18.
5.3.3 Alumni contribution during the year (in Rupees) :
Nil
5.3.4 Meetings/activities organized by Alumni Association:
Alumni's meeting was organized by the pioneer batch silver jubilee graduation in December 2017. 46 of alumni belonging to 1 st batch have participated in the meet. They came from USA, UK, Singapore, Abudhabi, and almost all the states of India.

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 academic departments are grouped into four Faculty, each headed by a Dean. All the academic activities, new initiatives including proposals to start new programme and budget preparation are actively carried out by the Departments with the involvement of concerned Faculty Dean.
- The higher level decision taking bodies including Board of Management, Planning and Monitoring Board, Academic Council & IQAC are having balanced representation from every category of staff community.

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

Yes/No/Partial: Yes.

Academic processes are automated using BRAIN-v2.15- Indigenous customized and copy righted software developed by in-house for Admission, HRM, Hostel Management, Examination system and Finance.

CONTINEO - Proprietary software is employed for mapping and managing teaching - learning and evaluation process. Automation process for analysing results using CONTINEO software is followed and thereby the exam system is made error free and transparent.

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):

- **Curriculum Development**

Outcome Based Education (OBE) together with Choice Based Credit System (CBCS) is followed which allows students to take professional and open elective courses of their choice.

Advanced Learners of B.Tech are allowed to take courses of 8th semester in the 5th, 6th and 7th semester itself, at the rate one course per semester. Such students can have one full year for carrying out their project work.

Value Added Courses and Skill Enhancement Courses are offered.

Students are allowed to take MOOC based courses up to 20% of the credits in a semester.

In-Plant Training and Internship are integrated into the credit system.

- **Teaching and Learning**

Faculty prepare course plan as per objectives of Outcome Based Education; Mapping of course outcomes in terms of teaching and evaluation is documented using proprietary software named CONTINEO.

<p>Virtual Laboratory created by NMEICT is also practiced wherever needed.</p> <p>Smart class rooms are available and ICT tools are fully implemented in all the departments.</p> <p>Subject wise e-content (Lectures documented) prepared by PMIST faculty members are available to students in Periyar Intranet.</p> <p>Academic records are uploaded to NAD-CDSL which enables easy access of data by employers and students as well.</p>
<ul style="list-style-type: none"> <p>Examination and Evaluation</p> <p>Question papers are set as per COs (Course Outcomes) and Bloom's taxonomy.</p> <p>Question papers are scrutinized and vetted by external subject experts.</p> <p>Formative Assessments are carried out for all courses.</p> <p>Time bound Summative Assessment Examinations and publication of results are ensured.</p> <p>Special Supplementary Examination is conducted exclusively for final year students after final semester examinations.</p>
<ul style="list-style-type: none"> <p>Research and Development</p> <p>Faculty members are strongly motivated to publish their research work. This is effectively carried out by periodic faculty research review and symposium finally culminating in publication in reputed journals.</p> <p>One Time Annual Cash Award (OTACA) is offered to faculty members who publish their research articles in International refereed Journals of high Impact Factor.</p> <p>Half Time Teaching Assistantship (HTTA) is awarded to Full Time research scholars.</p> <p>Management provides SEED money to faculty members for research initiatives.</p>
<ul style="list-style-type: none"> <p>Library, ICT and Physical Infrastructure / Instrumentation</p> <p>Books, journals, e-journals, magazines and periodicals are added to the library.</p> <p>Smart class rooms are available and ICT tools are fully implemented in all the departments.</p> <p>Each department has its own separate Department library.</p> <p>Studios and Audio Visual facilities are provided for Department of Architecture and Department of Animation & Multimedia</p>
<ul style="list-style-type: none"> <p>Human Resource Management</p> <p>Orientation programme is conducted for the benefit of newly inducted faculty members. ICT and Soft skill training programmes are organized for staff members.</p> <p>Career Advancement Scheme is provided to all the eligible staff members.</p>
<ul style="list-style-type: none"> <p>Industry Interaction / Collaboration</p> <p>START (Students Taking Active Role Together) group along with Centre for University Industry Interaction (CUII) enhance Skill development for campus placement. Soft skill and employability skill training programmes are conducted by CUII inviting corporate trainers from outside to impart corporate culture, enhance soft skill, communication skill and emotional intelligence quotient.</p> <p>Periyar Technology Business Incubator (TBI) guides and nurtures the innovative ideas of the students and motivates them to become entrepreneurs.</p>

Training on optical networking is offered through Centre of Excellence for Next Generation Network in association with TEJAS networks.

Training on Industrial Automation is offered by Centre of Excellence for Training and Research in Automation Technology (CETAT) in association with BOSCH Rexroth.

- **Admission of Students**

Admission for all the programmes is based on the normalised +2 marks in which, a merit list is prepared considering the first rank of PMIST applicant and aggregate mark of all other students.

For B. Tech programmes, 50% of the seats are allotted to candidates through Uni-GAUGE - E2017 (Online entrance Examination conducted by M/s ERA Foundation on behalf of consortium of Deemed to be Universities); 40% of the seats are allotted to candidates who have not appeared for Uni-GAUGE; 10% through NRI/Foreign Nationals.

B. Arch Admission is done based on the score obtained in JEE (Paper II) or NATA score (50%) and total marks scored in +2 (50%)

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

YES.

e-governance is implemented in Planning, Development, Administration, Finance and Accounts, Student Admission and Support and Examination System.

Academic processes are automated using BRAIN-v2.15 an indigenous customized software developed by in-house for Planning and Development, Administration, Finance and Accounts & Student Admission and Support.

CONTINEO a proprietary software is employed for mapping and managing teaching - learning and evaluation process. Automation process for analysing results using *CONTINEO* software is followed and thereby the exam system is made error free and transparent.

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
2017-18	Mr. V. Pandiaraj	NCC Flying Officer Training - Indian Air Force	NCC	Rs. 30,000
2017-18	Ms. A. V. Snehya	Faculty Development Programme (Biocon)	-	Rs. 3,250

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	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2017-18	Workshop on Research Article Writing	-	20.09.2017	35	-
	Research Proposal Writing	-	14.03.2018	13	
		Two weeks Staff development Programme (SDP) on "Smart DTP and Creative Design Works"	09.04.2018 to 20.04.2018	30	32
		Training on 'Bearing Capacity Calculations based on Standard Penetration Test' for Supporting Staff of Civil Engineering Department	06.11.2017 to 08.11.2017	15	6
	Firewall installation	-	05-03.2018	-	5

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	Date and Duration (from – to)
Faculty Induction Programme	01	13.06.17 to 20.06.17 (for the academic session 2017-18)
Foundation Program in ICT for Education	03	08.03.18 to 12.04.18
Vernacular Practices and Commons	02	08.06.18
Innovative Approaches towards Solid Waste Management	02	22.12.17 to 23.12.17
Workshop on "Grid Connected and Isolated PV Solar Plant Design using PVSYS"	01	28.07.2017
FDP101x Foundation Program in ICT for Education	58	03.08.17 to 13.09.17
Workshop on "Power Electronics Application to Power Systems"	01	11.08.2017
Two day International Workshop on "Power	01	11.08.2017 to

System Dynamics and Renewable Integration - PSDRI”		12.08.2017
CSIR Sponsored one day National Level Workshop on “Application of Power Converters in Renewable Source Integration”	01	12.08.2017
Two day Workshop on “Industrial Automation”	01	17.08.2017 & 18.08.2017
One week Self-Sponsored Program on “Energy Management and Energy Audit”	01	04.09.2017 To 08.09.2017
Two day hands on Training on “IOT ON RASPBERRY PI”	01	07.09.2017 & 08.09.2017.
Two days Workshop on “Design of Stand Alone and Grid Connected Solar PV System”	01	08.09.2017 & 09.09.2017.
FDP201x Pedagogy for Online and Blended Teaching-Learning Process	47	14.09.2017 to 20.11.2017
Three day workshop on “E-Summit 2018”	01	16.02.2018 to 18.02.2018
Two days National Symposium on Shock Waves	01	26.02.2018 to 28.02.2018
Two day workshop on “Modelling and Simulation of Engineering Systems”.	01	23.03.2018 & 24.03.2018
FDP101x Foundation Program in ICT for Education	47	08.03.2018 to 12.04.2018
Five day workshop on “Effective Teaching and Learning of Artificial Intelligence Techniques for Smart Grid Applications”	01	03.04.2018 to 07.04.2018
FDP201x Pedagogy for Online and Blended Teaching-Learning Process	56	03.05.2018 to 31.05.2018

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime
30	Full time	30	Full time

6.3.5 Welfare schemes for

Teaching Faculty	Casual Leave, Earned leave, Medical leave, Maternity leave, Study leave, Provision for attending conferences and faculty development programmes, Seed money for research initiatives, 15% tuition fee waiver for the wards of Staff in PMIST admission, Group Insurance, Staff Bank Loan, Staff Quarters, Periyar Gift Parlour, Staff Club, Periyar Hospital, Post Office, Bank, etc.
Non teaching Staff	Casual Leave, Earned leave, Medical leave, Maternity leave, 15% tuition fee waiver for the wards of Staff in PMIST admission, Group Insurance, Staff Bank Loan, Staff Quarters, Health Care facility within the campus, Periyar Gift Parlour, Staff Club, Periyar Hospital, Post Office, Bank, etc.
Students	Group Insurance, Management Scholarships, Periyar Gift Parlour, Periyar Hospital, Post Office, Bank, Gym, Canteen

6.4 Financial Management and Resource Mobilization**6.4.1 Institution conducts internal and external financial audits regularly**

(with in 100 words each)

Yes, Internal and External Financial Audits are conducted 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 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 return 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/ Grants received in Rs.	Purpose
Mrs. Swarna Renganathan	2,00,000	Swarna Renganathan Endowment
Prof. Dr. N. Ramachandran	1,00,000	Marikannu Nallan Endowment
Prof. Dr. N. Ramachandran	1,00,000	Dr. APJ Abdul Kalam Endowment
Dr. S. Rajarathinam	1,00,000	Jamuna Rajarathinam Endowment
Mr. Veeramani	1,00,000	V. Anbarasan Memorial innovator Award
Sponsorship	1,97,000	Open House & Other programmes

6.4.2 Total corpus fund generated: Rs. 16.83 Crore

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 & Administrative	Yes	Experts from Academic and Industry	Yes	Trained Auditors of the institution

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)

- Implementation of quality measures in the overall system of the institution through its representative in IQAC
- Associating with the individual departments through Advisory Boards as member representatives for the growth and development of the departments.
- Supporting the departments in organizing invited lecture, field and industrial visits.

- Parent -Teacher meeting is conducted every semester to discuss the progression of the student. They also offer suggestions and measures for enhancing the overall campus discipline among students through interactions in Parent- teacher meetings.

6.5.4 Development programmes for support staff (at least three)

- ICT and Soft skill training programmes are organized for staff members.
- Career Advancement Scheme is provided to all the eligible staff members.
- Welfare measures are provided.

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

- Exam System is revised to enhance the quality.
- Maternity leave rules are relaxed with enhanced number of days.
- Green Audit is intensified.
- IQAC is strengthened with induction of elected Students Council Chairperson and other stake holders as NAAC guide lines.

6.5.6

a. Submission of Data for AISHE portal : (Yes /No)	Yes	(Submitted data on 05.03.2018)
b. Participation in NIRF : (Yes /No)	Yes	(Uploaded data on 07.12.2017)
c. ISO Certification : (Yes /No)	No	
d. NBA or any other quality audit : (Yes /No)	Yes	(External Academic Audit during 1 st July to 30 th September 2017)

6.5.7 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to-----)	Number of participants
2017-18	Template preparation for Data Collection and Management	11.10.2017	2 hrs per day	30 (Deans, Directors & Heads of Departments)
		05.03.2018	(3:00 to 5:00 PM)	
	Analysis Review meeting of Research activities	22.05.2018	3 hrs (10:00 AM to 1:00 PM)	

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-to)	Participants	
Title	Total No. of programmes conducted		Female	Male
Gender Champion awareness programme	17 programmes (each one day duration)	January 2018 to May 2018	281	258

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

- 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.
- Alternative building material like flyash is used to manufacture hollow blocks, interlocking blocks and paver blocks for institute's infrastructural developments. This minimises the deforestation and soil erosion thereby making it environmental friendly.
- Conventional and neo-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.

Percentage of power requirement of the University is met with, by the renewable energy sources

- 4.05 KWE solar power plants for lighting loads of hospital, dining hall & kitchen.
- 1 KW Bio – Methanation plant (only using for cooking purpose)
- 2 KW Bio – Mass gasification plants
- 15000 LPD solar water heater are used in hostels & guest house

7.1.3 Differently-abled (Divyangjan) friendliness

Items Facilities	Yes / No	No. of Beneficiaries
Physical facilities	Yes. (Wheel chairs & Motor vehicles for movement within the campus)	2 staff and 1 student
Provision for lift	Yes. (3 Nos.)	
Ramp/ Rails	Yes. (In all buildings.)	
Braille Software/facilities	No. (Not Required)	Nil

Rest Rooms	Yes. (In all buildings.)	2 staff and 1 student
Scribes for examination	Yes.	No one availed during the assessment period.
Special skill development for differently-abled students	No.	N. A
Any other similar facility	-	-

7.1.4 Inclusion and Situations

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2017-18	<ul style="list-style-type: none"> PURA 	12 Nos.	02.07.2017 to 24.06.2018 (Monthly once)	Rural Medical Camps	General Medical Camp for children and general public; and cancer screening	150 (NSS volunteers)
		44 nos.	05.07.2017 to 03.05.2018	Awareness and training programme Programmes	<ul style="list-style-type: none"> Child Protection Laws World suicide prevention day Signature campaign for Child Care and Protection International Day of Girl Child Technological Abuses CHILDLINE services and child rights Unique Disability ID 	14
	<ul style="list-style-type: none"> Training programmes 	1 (along with Vigyan Prasar, DST, New Delhi)	26.07.2017 to 31.07.2017	Training the tribal children	Basic Sciences and Mathematics including practical sessions	17
		20	30.10.2017 to 25.01.2018	SHG Women Training	Training on Social Audit	14
		2	25.08.2017	Design and	Training the operators	07
	1 (Because of the					

	proximity to the Indian Air Force Station, Thanjavur)			fabrication of simulator (Make in India)	on the shoulder fired missile system of Indian Air force, using simulator in Indoor and Outdoor as per the training requirements.	Staffs
				Practical sessions for students of Aerospace Engineering	The academic course 'Air Traffic control and Aerodrome Design' can be taught directly at the Air force station, Thanjavur with practical demos.	30 (every semester)

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Students Conduct And Disciplinary Code	28.06.2008	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	20.06.2017	Similarly dress code and other ethical codes are incorporated in office orders and by-laws of the Institute.

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from-----to-----)	Number of participants
Child Care and Protection and International Day of Girl Child	12.10.2017	300
Technological Abuses	21.10.2017	50
Problem faced by Adolescent boys	29.10.2017	35
Community Development Current Scenario and Emerging Challenges	01.11.2017	90
Advantages and Disadvantages of Internet to the young generation	15.11.2017	350
Awareness programme on child rights	15.11.2017	300
Addiction is a Disease	24.01.2018	33
Provided 'Dr.A.P.J.Abdul Kalam Library' for Gypsy children	15.03.2018.	100
Child Care and Protection and International Day of Girl Child	12.10.2017	300

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

- Use of motor vehicles is not permitted in the campus.
- Continuous tree plantation in every occasion / function. The campus has around 4,500 shrubs and plant varieties as well as 36,820 native trees and endangered trees. Such a thick foliage of vegetation absorbs CO₂ emission around 3,66,750 tonnes per annum.
- 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.
- Waste water is being recycled and utilized for gardening. As a conservation measure, water sprinklers and drip irrigation are followed.
- Waste papers are recycled into useful products such as files and folders. Other solid and liquid wastes are used to generate bio-gas and vermi-compost.

7.2 Best Practices

(Describe at least two institutional best practices

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link)
<http://www.pmu.edu/iqac/bestpractice.aspx>

- Curriculum inbuilt minor courses for enhancing the employability skills of the students.
- Adoption of Waste Management Practice for maintaining Eco friendly environment (Solid and liquid wastes are being converted into renewable energy source -waste to wealth).
- To inculcate the emerging technology in smart materials, Alternative Building Materials' unit was developed.
- For conducive environment, sound level and water quality are being monitored as per standards.
- PMIST follows a good Water Management Practice.
- Integration of online evaluation for Continuous Assessment components in the regular evaluation system through EDMODO, QUIZ STAR, ONLINE FORUM etc.,

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust

Provide the weblink of the institution in not more than 500 words

web link : <http://www.pmu.edu/about/highlights.aspx>

Periyar Maniammai Institute of Science and Technology (PMIST) has its origin from Periyar Maniammai College of Technology for Women (PMCTW) established in 1988. It is now blossomed into a Deemed to be University, with the title as Periyar Maniammai Institute of Science & Technology (PMIST). It is named after the great social reformer of the twentieth century E.V. Ramasamy, popularly known as Thanthai Periyar and his philanthropic wife Annai Maniammaiar. Being the first Women's Engineering College institutionalizing the lofty ideals of Periyar by paving way for women's emancipation, it has provided increased access to higher education in science and technology, encouraging their participation in social, national and global developments.

The institution has completed 4 cycles of accreditation from National Board of Accreditation (NBA) of AICTE since 1998 for courses offered by PMCTW and PMIST. After becoming a Deemed to be University in 2007, the University was accredited (Cycle – 1) by NAAC in Jan 2009 with CGPA of 2.49 (B Grade) and reaccredited (Cycle – 2) with CGPA of 2.66 (B Grade), in Nov 2015.

Vision

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

Mission

- UM1: Offering well balanced programmes with scholarly faculty and state-of-art facilities to impart high level of knowledge.
- UM2: Providing student - centred education and foster their growth in critical thinking, creativity, entrepreneurship, problem solving and collaborative work.
- UM3: Involving progressive and meaningful research with concern for sustainable development.
- UM4: Enabling the students to acquire the skills for global competencies.
- UM5: Inculcating Universal values, Self respect, Gender equality, Dignity and Ethics.

PERFORMANCE OF THE INSTITUTION IN CURRICULAR, RESEARCH & EXTENSION ACTIVITIES

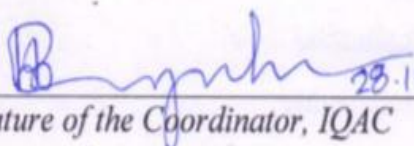
- Need based new programmes are introduced in Arts, Sciences, Education, Management, Humanities, Architecture and Engineering after acquiring Deemed to be University status.
- Outcome Based Education in accordance with the guidelines set by National Board of Accreditation (NBA).
- Choice Based Credit System (CBCS) as per the guidelines of AICTE which allow students to take inter disciplinary courses across the schools.
- Mandatory courses, Open Electives and minor courses for employability and hard skills are added to the curriculum & syllabus of each program.
- Teaching Learning Process is enhanced through:
 - Orientation programmes / Foundation courses for newly admitted students (UG / PG).
 - Skill development (spoken English, computer literacy, etc.) and classes for foreign languages / Concurrent Career Development Programme (CCDP) courses.
 - *Contineo* - Proprietary software for handling teaching learning process.
- Improving the self learning capability of the students through MOOC Courses through SWAYAM portal, Coursera, EdX, etc.,
- E-governance a customized software - BRAIN-v2.16 - an e-governance software is in place for admission, HRM, Hostel Management, Examination system and Finance.
Contineo - Proprietary software for handling teaching learning process.
- PMIST has received Rs. 66 Lakhs for first phase (Rs.9 Crores orders received for bulk production).
- Pneumatically Operated Electronic Multipurpose Simulator (POEMS) - Indian Air Force (IAF), Thanjavur,

8. Future Plans of action for next academic year (500 words)

1. Improvement in number of Ph.D holders amongst faculty members.
2. Continuation of skill development programmes
3. Enhancement of employment of the students by inviting more core companies
4. Involvement of students in more outreach programmes for the local community.
5. Creation of more smart class rooms.

Name: **Dr. P. Jayasudha**

Name: **Dr. S. Velusami**

 28.12.2018
Signature of the Coordinator, IQAC

 28/12/2018
Signature of the Chairperson, IQAC

Co-ordinator
Internal Quality Assurance Cell (IQAC)
Periyar Maniammai
Institute of Science & Technology (PMIST)
Periyar Nagar, Vallam, Thanjavur-613 403.

Prof. S. VELUSAMI, M.E., Ph.D.,
Vice-Chancellor,
Periyar Maniammai
Institute of Science & Technology,
(PMIST), Periyar Nagar, Vallam,
Thanjavur-613 403, Tamilnadu.

ANNEXURE I

Abbreviations:

CAS	-	Career Advancement Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence

*****.