Periyar University

Periyar Palkalai Nagar
Salem – 636 011
Tamil Nadu, India

Internal Quality Assurance Cell

Annual Quality Assurance Report 2017-18

Submitted to

National Assessment and Accreditation Council
Bengaluru – 560 072

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

1. Details of the Institution

1.1 Name of the Institution

Periyar University

1.2 Address Line 1

Periyar Palkalai Nagar

Address Line 2

Salem

City/Town

Salem

State

Tamil Nadu

Pin Code

636 011

Institution e-mail address

vcperiyar@gmail.com
registrarperiyar@gmail.com

Contact Nos.

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Name of the Head of the Institution:

Prof.P.Kolandaivel

Tel. No. with STD Code:

0427-2345565

Mobile:

9442534390

Name of the IQAC Co-ordinator: **Prof.R.Venkatachalapathy**

Mobile: **9442105151**

IQAC e-mail address: **puiqac@gmail.com**

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)*   **TNUNGN10132**

1.4 **NAAC Executive Committee No. & Date:**   **EC(SC)/06/RAR/056 dated 01.05.2015**
    (For Example EC/32/A&A/143 dated 3-5-2004.
    This EC no. is available in the right corner- bottom
    of your institution's Accreditation Certificate)

1.5 Website address: **www.periyaruniversity.ac.in**

Web-link of the AQAR: **http://www.periyaruniversity.ac.in/NAAC/AQAR.pdf 2017-18**

For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	**B+**	**75-80%**	**2007**	**5 Years**
2	2nd Cycle	**A**	**3.15**	**May 01, 2015**	**April 30, 2020**
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY   **30.05.2010**

1.8 AQAR for the year *(for example 2010-11)*   **2017-18**

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((*for example AQAR 2010-11submitted to NAAC on 12-10-2011*)

    i. AQAR 2014-15   submitted to NAAC on (19.11.2015)
    ii. AQAR 2015-16   submitted to NAAC on (28.12.2016)
    iii. AQAR 2016-17   submitted to NAAC on (25.07.2018)

1.10 Institutional Status

University   State ✔   Central ☐   Deemed ☐   Private ☐

Affiliated College   Yes ☐   No ✔

Constituent College   Yes ☐   No ✔

Autonomous college of UGC   Yes ☐   No ✔

Regulatory Agency approved Institution   Yes ✔   No ☐

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution   Co-education ✔   Men ☐   Women ☐

    Urban ☐   Rural ✔   Tribal ☐

Financial Status   Grant-in-aid ☐   UGC 2(f) ✔   UGC 12B ✔

    Grant-in-aid + Self Financing ☐   Totally Self-financing ☐

1.11 Type of Faculty/Programme

Arts ✔   Science ✔ Commerce ✔ Law ☐   PEI (Phys Edu) ✔

TEI (Edu) ✔ Engineering ☐   Health Science ✔   Management ✔

Others   (Specify)

> ➢ Journalism and Mass Communication
> ➢ Library and Information Science
> ➢ Textiles and Apparel Design
> ➢ B.Voc. Textiles and Apparel Design,   Food Science and Nutrition

1.12 Name of the Affiliating University *(for the Colleges)*   [-]

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University   **State Government University**

University with Potential for Excellence		UGC-CPE	

DST Star Scheme		UGC-CE	

UGC-Special Assistance Programme	✔	DST-FIST	✔

UGC-Innovative PG programmes		Any other (*Specify*)	**B.VoC, UICP**

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers	8
2.2 No. of Administrative/Technical staff	6
2.3 No. of students	2
2.4 No. of Management representatives	1
2.5 No. of Alumni	-
2. 6 No. of any other stakeholder and Community representatives	-
2.7 No. of Employers/ Industrialists	1
2.8 No. of other External Experts	-
2.9 Total No. of members	18
2.10 No. of IQAC meetings held	1

2.11 No. of meetings with various stakeholders: No. | **3** | Faculty | **2** |

Non-Teaching Staff/ Students | | Alumni | **1** | Others | |

2.12 Has IQAC received any funding from UGC during the year?   Yes | | No | ✓ |

If yes, mention the amount | - |

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. | | International | | National | | State | | Institution Level | |

(ii) Themes | - |

2.14 Significant Activities and contributions made by IQAC

❖ IQAC giving suggestions to improve the quality of research and quality publications
❖ IQAC supports high level of academic achievements for all staff, students, scholars
❖ IQAC is providing fund conducting FDP

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality Enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
❖ Make NET/SET Qualified students ❖ Simplify Ph.D. application process. ❖ Develop consultancy & Extension activities . ❖ Bring more research grants ❖ MoUs with industries ❖ Proposal to NIRF	❖ NET/SET Coaching provided ❖ Electronic application for Ph.D. ❖ Some of the Departments are involving in consultancy and extension activities ❖ Many Departments received research projects from various funding agencies. ❖ MoUs with more industries ❖ Ranked in top 100 Indian Universities.

*** Attach the Academic Calendar of the year as Annexure - i**

2.16 Whether the AQAR was placed in statutory body   Yes ☐   No ✔

Management ☐   Syndicate ☐   Any other body ☐

Provide the details of the action taken

> AQAR is prepared based on the details collected from the University departments. The AQAR for the period 2017-18 will be placed in the forth coming syndicate meeting for approval.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	26	-	-	-
PG	31	1	-	-
UG	2	-	-	-
PG Diploma	1	1	-	-
Advanced Diploma	2	-	-	-
Diploma	3	-	-	-
Certificate	3	1	-	-
Others (M.Phil)	26	-	-	-
Total	94	3	-	-

Interdisciplinary	19	-	-	-
Innovative	-	-	-	-

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	**68**
Trimester	**-**
Annual	**26**

1.3 Feedback from stakeholders*   Alumni [✓] Parents [✓] Employers [✓] Students [✓]
   (On all aspects)

   Mode of feedback   :   Online [ ]   Manual [✓] Co-operating schools (for PEI) [ ]

Please provide an analysis of the feedback in the **Annexure - ii**

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

- ❖ Syllabi for PG and M.Phil are revised and updated
- ❖ The MOOC course have been introduced in the curriculum.
- ❖ Syllabi included for experiential learning, on the job training (skill component) course, co- curricular activities, remedial coaching and mentor- mentee system.

1.5 Any new Department/Centre introduced during the year. If yes, give details.   **No**

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
157	**108**	**30**	**19**	**-**

2.2 No. of permanent faculty with Ph.D.   **148**

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
108	**2**	**30**	**5**	**19**	**6**	**-**	**-**	**157**	**13**

2.4 No. of Guest and Visiting faculty and Temporary faculty   **20**   **-**   **5**

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	**99**	**291**	**41**
Presented papers	**192**	**255**	**23**
Resource Persons	**41**	**105**	**38**

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Innovative Processes
❖ Smart class Room, LCD projector, atomic models, Computer and Internet
❖ ICT based teaching is followed with models, Database, E-books and Software.
❖ Periodical conduct of tests
❖ Regular class seminars
❖ Career and Personal Counselling
❖ Invited lectures on recent literary developments
❖ ICT technologies such as LCD usage for power point presentations and online visuals for theory and practicals; Course-related episodes and short films.
❖ Assessment of learning through interaction with students in classrooms - Group discussions
❖ Student – Teacher interaction Method
❖ Audio-Visual methods
❖ Invited lectures on current topics to expand the research ideas of the students
❖ Interactive programmes for all students; journal clubs for research scholars and seminars for Post graduates
❖ Virtual class rooms
❖ Compulsory participation of each post graduate in summer internship programme
❖ Industrial visits
❖ Individual laboratory oriented training (SOP)
❖ Exposure to webinars

2.7   Total No. of actual teaching days during this academic year   **180**

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

   ❖ Exam Application entry through Online
   ❖ Exam fees payment through Online
   ❖ Bar coding System in Answer scripts (along with Students' and exam details)
   ❖ Publication of results through SMS to the Students directly
   ❖ Additional security features in Degree Certificates
   ❖ Practical examinations are completed before the end of semester exams.
   ❖ Central valuation system is adopted (Dummy Number Scheme)
   ❖ Separate camp officers are appointed by the University
   ❖ The examiners are given orientation before the commencement of evaluation process.
   ❖ The examiners are provided with the scheme of evaluation to ensure objectivity in the valuation process.
   ❖ The grievances of the students, if any are addressed by the Heads of the department and are resolved within ten days.

- ❖ Provisional result declared in a week's time is highly helpful for students to go for higher studies in India and abroad.
- ❖ Immediate supplementary exams are conducted during July every year for the final year students who have failed in a few subjects.
- ❖ Quick disposal of consolidated mark sheets and provisional certificates is ensured through strict monitoring.
- ❖ PG Single Valuation; M.Phil Double Valuation

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

93	18	30

2.10 Average percentage of attendance of students

87 %

2.11 Course/Programme wise distribution of pass percentage:

2.11.a Course/Programme wise distribution of pass percentage**: PG**

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I Class %	II Class %	III Class %	Pass %
M.Sc. Biochemistry	23	-	91.30	-	-	91.30
M.Sc. Biotechnology	27	44.44	40.74	-	-	85.18
M.Sc. Botany	34	11.76	88.24	-	-	100
M.Sc. Chemistry	33	33.33	27.27	-	-	60.60
M.Sc. Clinical Nutrition and Dietetics	26	42.31	57.69	-	-	100
M. Com. Commerce	37	-	91.89	2.70	-	94.59
M.Sc. Computer Science	29	13.79	68.97	-	-	82.76
M.C.A	84	8.33	80.95	1.19	-	90.47
M.A. Economics	21	-	90.48	-	-	90.48
M.Ed. Education	23	65.22	34.78	-	-	100
M.Sc. Energy Studies	6	100	-	-	-	100
M.A. English	22	-	86.36	13.64	-	100
M.Sc. Environmental Science	12	16.67	83.33	-	-	100
M.Sc. Food Science	35	17.14	77.14	-	-	94.28
M.Sc. Geology	36	50	47.22	-	-	97.22
M.A. History	9	-	100	-	-	100
M.A. JMC	10	10	70	-	-	80
M.Sc. Library Science	14	85.71	7.14	-	-	92.85

M.Sc. Mathematics	41	7.32	53.66	4.88	-	65.86
M.B.A. Management	102	7.84	73.53	0.98	-	82.35
M.Sc. Microbiology	29	20.69	72.41	-	-	93.10
M.Sc. Physics	38	21.05	68.42	-	-	89.47
M.Sc. Psychology	28	-	89.29	10.71	-	100
M.A. Sociology	10	-	100	-	-	100
M.Sc. Statistics	20	45	45	-	-	90
M.A. Tamil	31	6.45	93.55	-	-	100
M.Sc. Textiles and Apparel Design	14	100	-	-	-	100
M.Sc. Zoology	25	36	60	4	-	100

2.11.b Course/Programme wise distribution of pass percentage: **M.Phil**

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I Class %	II Class %	III Class %	Pass %
Biochemistry	3	66.67	33.33	-	-	100
Biotechnology	12	75	25	-	-	100
Botany	17	100	-	-	-	100
Chemistry	28	71.43	7.14	-	-	78.57
Commerce	25	-	22	-	-	88
Computer Science	29	17.24	79.31	-	-	96.55
Economics	9	55.56	22.22	-	-	77.78
Education	13	53.85	30.77	-	-	84.62
Energy Studies	-	-	-	-	-	-
English	5	-	100	-	-	100
Environmental Science	6	66.67	16.67	-	-	83.33
Food Science and Nutrition	1	-	-	-	-	-
Geology	5	80	-	-	-	80
History	10	90	-	-	-	90
JMC	4	-	100	-	-	100
Library Science	4	75	25	-	-	100
Mathematics	28	71.43	17.86	-	-	89.29
Management	7	71.43	28.57	-	-	100
Microbiology	6	50	50	-	-	100
Physics	28	89.29	-	-	-	89.29
Psychology	8	12.5	87.5	-	-	100
Sociology	3	33.33	66.67	-	-	100
Statistics	-	-	-	-	-	-
Tamil	23	26.09	73.91	-	-	100
Textiles and Apparel Design	1	-	-	-	-	-
Zoology	20	75	25	-	-	100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

The IQAC periodically sending circulars, NAAC news to the Departments and colleges. The IQAC obtains feedback from all the University students. The IQAC also monitors the academic growth of the students from the disadvantaged sections of the society. The Vice-Chancellor with the team of senior professors is continuously reviewing the teaching and learning process of the departments. The IAQC monitors the academic activities of all the University departments. IQAC promotes departments to organise national level seminars to strengthen the students. IQAC also evaluates the teaching and learning process by getting students' feedback every year.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	5
UGC – Faculty Improvement Programmes	9
HRD programmes	3
Orientation programmes	9
Faculty Exchange Programmes	43
Staff training conducted by the university	7
Staff training conducted by other institutions	31
Summer / Winter schools, Workshops, etc.	192
Others	34

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	60	66	-	382
Technical Staff	4	34	-	28

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- ❖ Action plans have been collected from faculty for various research programmes to promote higher education.
- ❖ Faculty members are encouraged to publish research papers in peer reviewed Journals with high impact factor.
- ❖ Students are motivated to participate in the summer training or workshops conducted by the Science Academies and reputed National Institutes like IISc., Bangalore, NCBS, NIV and NII etc., and also International Institutes.
- ❖ Ph.D. Scholars and final year post graduate students have been motivated to promote their research standards by undertaking research training or doing part of their research in aboard.
- ❖ Providing fund for conducting Faculty Development programmes.
- ❖ Supports academic achievements of Staff, Students and Scholars.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	14	32	4	24
Outlay in Rs. Lakhs	234.93	768.68	216.82	639.97

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	10	10	4	1
Outlay in Rs. Lakhs	15.33	39.09	54.10	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	484	101	3
Non-Peer Review Journals	21	14	2
e-Journals	19	3	-
Conference proceedings	86	143	3

3.5 Details on Impact factor of publications:

Range | 0.5 to 7.37 | Average | 3.5 | h-index | 47 | Nos. in SCOPUS | 591

3.6 Research funds sanctioned and received from various funding agencies, industries and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received	Department
Major Projects	2016-19	DST	54,10,143 (Co-PI)	37,45,623	Biochemistry
	2017-20	DST	48,60,400 (Co-PI)	31,52,800	Biochemistry
	2017-20	SERB	32,83,000	18,95,000	Biotechnology
	2013-19	UGC-MRP	12,55,000	12,55,000	Biotechnology
	2016-20	DST-EMEQ	38,01,600	Yes	Botany
	2015-20	UGC-SAP	1,12,00,000	--	Chemistry
	2016-19	DST-SERB	29,43,000		Chemistry
	2017-20	CSIR	6,00,000		Chemistry
	2016-19	CSIR	16,30,000		Chemistry
	2018-22	DST-Mobility Scheme	25,00,000	Presentation done on the project	Chemistry
	2015-18	UGC	13,92,500	-	Computer Science
	2016-21	DST-FIST	1,19,50,000	74,50,000	Geology
	2017-19	UGC	10,00,000	-	Mathematics
	2016-19	DBT-2	74,33,000	18,83,276	Microbiology
	2012-15	UGC	10,20,300	10,20,300	Physics
	2016-19	DST	54,10,143	41,53,811	Physics
	2015-18	UGC	9,91,000	on going	Textiles
	2017-19	UGC	20,00,000	16,00,000	Energy Studies
	2017-18	ICMR	12,50,760	-	CND
	2017-18	DST	28,21,900	-	CND
	2016-19	SERB-ECR	35,97,000	22,99,000	EVS
	2016-19	MoEF & CC	50,67,000	25,53,000	EVS
	2016-19	DST-WOSA	24,60,000	7,90,000	EVS
	2017-20	DST-WTI	48,60,400	31,51.800	EVS
	2017-20	DBT-Biocare	32,25,000	23,53,000	EVS
	2017-21	SERB-EMEQ	48,08,000	22,50,000	EVS
	2017-19	SERB-NPDF	19,20,000	8,60,000	EVS
	2017-19	SERB-NPDF	19,20,000	-	EVS
	2017-18	UGC, DBT	59,88,000	59,88,000	Zoology
	2017-20	UGC-UKIERI	42,67,200	17,11,361	Commerce
	2017-19	ICSSR	6,00,000	2,40,000	Commerce
Total			**11,14,65,346**	**4,83,51,971**	

Minor Projects	2015-18	CSIR	3,75,000	2,10,000	Chemistry
	2016-18	UGC	6,00,000	6,00,000	Chemistry
	2017-18	ICSSR	1,50,000	1,20,000	L & IS
	2018-20	TNSCST	3,95,000	2,25,000	Microbiology
	2016-19	UGC	10,00,000	-	Physics
Total			**25,20,000**	**11,55,000**	
Interdisciplinary projects	Accepted Funding	DST-SERB	24,50,000		Physics
Industry sponsored	2018	CEAT	7,00,000	56,000	Biotechnology
Projects sponsored by the University/ College	-	-	-	-	-
Student Research Project (Other than compulsory by the University)	6 month (Dec 2017-May-2018	TNSCST, Tamil Nadu (Student Project)	10,000	10,000	Biotechnology
	2017-18	TNSCST (Student Project)	10,000	10,000	Botany
	2016-18	RGNF	--	3,72,000	Chemistry
	2016-18	RGNF	--	3,72,000	Chemistry
	2015-19	DST-INSPIRE	--	11,40,000	Chemistry
	2015-17	UGC-CSIR NET	--	1,70,000	Chemistry
	2015-20	RGNF	--	9,00,000	Physics
	2016-21	RGNF	--	6,00,000	Physics
	2015-19	DST-INSPIRE	--	-	
	2018-21	DST-WOS-A	19,90,000	-	Physics
	2017-18	TNSCST	10,000	10,000	CND
Total			**51,70,000**	**36,40,000**	
Any other (Specify)	2016-21	UGC-SAP	80,05,000	32,50,000	Mathematics
	2017-21	DST-FIST	1,05,00,000		
Total			**1,85,05,000**	**32,50,000**	
	All Projects Total		**13,76,60,346**	**5,63,96,971**	

3.7 No. of books published   i) With ISBN No.   **30**   Chapters in Edited Books   **52**

ii) Without ISBN No.   **1**

3.8 No. of University Departments receiving funds from

UGC-SAP **4**   CAS **-**   DST-FIST **5**

DPE **-**   DBT Scheme/funds **-**   Others **-**

3.9 For colleges   Autonomy [ ]   CPE [ ]   DBT Star Scheme [ ]

INSPIRE [ ]   CE [ ]   Any Other (specify) [ ]

3.10 Revenue generated through consultancy   **10,000**

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	**6**	**30**	**3**	**24**	**1**
Sponsoring agencies	UGC,UGC-SAP, DST-UKIERI, NBHM, ICMR, PU	TANSCHE, MNDB, CSIR, GEMS, TNSCST, ICSSR, UGC, PU,TANSCHE, Sacred Heart College, Titupattur	TNSCST, Endowment	Periyar University	Periyar University

3.12 No. of faculty served as experts, chairpersons or resource persons   **114**

3.13 No. of collaborations   International **30**   National **57**   Any other **1**

3.14 No. of linkages created during this year   **26**

3.15 Total budget for research for current year in lakhs:

From funding agency   **429.48**   From Management of University/College   **274.61**

Total   **704.09**

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	**1**
	Granted	**-**
International	Applied	**1**
	Granted	**1**
Commercialised	Applied	**-**
	Granted	**-**

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
32	**11**	**20**	**-**	**1**	**-**	**-**

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

142

490

3.19 No. of Ph.D. awarded by faculty from the Institution

105

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF **48**   SRF **23**   Project Fellows **23**   Any other **127**

3.21 No. of students Participated in NSS events:

University level **117**   State level **4**

National level **-**   International level **-**

3.22 No. of students participated in NCC events:

University level **-**   State level **-**

National level **-**   International level **-**

3.23 No. of Awards won in NSS:

University level	-	State level	-
National level	-	International level	-

3.24 No. of Awards won in NCC:

University level	-	State level	-
National level	-	International level	-

3.25 No. of Extension activities organized

University forum	**11**	College forum	-		
NCC	-	NSS	-	Any other	**3**

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Botany: Innovative approaches on Herbal Products
Hands on training on Edible Mushroom Cultivation for self help group Women
Computer Science: Computer Training Programme for Government Middle School Students, Omalur, Salem, held on 24.02.2018.
Economics: Field visit to Vengayanur, Karuppur Salem to sensitise the students and the people about the health and economic conditions.
English: Kayakalpa (Yoga) Programme – University Campus 04.04.18 to 06.04.18
EVS: Awareness programme to the local farmers about the soil health and organic farming on the eve of Soil Day 2017.
L & IS: Medical Camp organized on 20-22 August 2017
Microbiology:
1. Dengue Awareness Programme at Keelakadu and Uthukinaru villages of Mamangam, Salem.
2. Dengue Awareness Programme at Periyar University Campus, Salem.
Psychology:
1. Career Orientation Skills Training for School Students during 30.04.2018 and 01.05.2018
2. World Mental Health Day on October 10, 2017
3. Mental Health Awareness through Street plays, Mental Health Short Film, Street Games for General Public, Non –Teaching Staff, Teaching Staff etc.
Tamil:
1. Ramalinga Panimandram Competition
2. Development of Tamil Language by Kanithamil Peravai

Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	92 acres	-		92
Class rooms	56	1		52
Laboratories	69	1		70
Seminar Halls	5+2	-		7
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	24	17	DST,DBT, MoEF & CC	41
Value of the equipments purchased during the year (Rs. in Lakhs)	56.16	22.77	UGC-MRP, Periyar University,	78.93
Others	-	JMC-1	PU	4.80

4.2 Computerization of administration and library

The University has extended the facility of Local Area Network and Wi-Fi Internet Connection to all the Sections, Departments and Offices in Periyar University. The three tier system consisting of Core, Distribution and Edge Switches have been implemented. The 1Gbps internet connectivity provided by MHRD under NME-ICT scheme through BSNL is made available to all teaching faculty, administrative staff members, research scholars and students. The University has RFS 4000 Series Hardware Controller for maintaining the AP 622 Indoor and AP 6562 Outdoor Wi-Fi Access Point. The entire wired (Local Area Connection) and wirelesses (Wi-fi) Network of Periyar University are monitored by Sonicwall E5600 series Firewall for Internet Security.

Library

Periyar University Library is fully computerized using an integrated multi-user library management system. Bibliographic records of Book collections, Periodicals, CDs/DVDs, Theses and Reports are available in the Library Database and are accessible through Library OPAC and Web OPAC also.

The Library uses Bar-Code Technology for circulation of Books (Issue/Return/Renewal) since July 2006. Also, RFID Security Systems was implemented in University Library from 2015 onwards.

INTERNET facility is available in the library to access e-books and e-journals.

Digitization of Theses and Dissertation work are completed and now the data will be available in the Electronic Theses and Dissertation (ETD) Lab as well Shodhganga Project of INFLIBNET Centre

Periyar University Library signed MoU with INFLIBNET Centre for establishing UGC-Infonet Digital Library and accessing 12 E-Resources from UGC-Infonet Digital Library Consortium.

CCTV Camera facilities have been implemented in the University Library. Installation of Additional Cameras are under process.

Name of the ILMS Software	Nature of Automation (fully or partially)	Version	Year of Automation
Nirmals Pro Software	Fully	3.2.0	2006

Electronic Theses and Dissertation Lab (ETD Lab):

All Digitized theses are available in the National Repository of Shodhganga as well as our ETD Lab. The ETD Lab has one server with 9 systems. Total Number of theses are 1,236. Students can access all theses at free of cost.

Institutional Repositories:

Digitization of Question Papers of the Periyar University are done regularly and available in the Periyar University Institutional Repositories.

News clippings of our Periyar University are also digitized and uploaded in the Institutional Repositories.

Computerization:

More than 70,000 books were tagged with RFID Security System. Circulation of Books and Electronic Gate Register of visitors are also introduced in the Library.

INFLIBNET Centre provided Two e-book Archives to Periyar University Library namely world-ebook Library and South Asia Archive under NDL Resources from 2017 onwards.

e-Journals (Subscribed by University)

ASM – Life Science (Online)

1. Antimicrobial Agents and Chemotherapy
2. Applied and Environmental Microbiology
3. Clinical and Vaccine Immunology
4. Clinical Microbiology Reviews
5. Ecosal Plus
6. Eukaryotic Cell
7. Gerome Announcements
8. Infection and Immunity
9. Journal of Bacteriology
10. Journal of Clinical Microbiology
11. Journal of Microbiology and Biology Education
12. Journal of Virology
13. mBio
14. Microbiology and Molecular Biology Reviews
15. Microbiology Spectrum
16. mSphere
17. mSystems
18. Molecular and Cellular Biology
19. Minireview Collection of all Journals

Emerald Publishers: (Online) - 138 Journals

(Accounting/Commerce/Economics/Psychology/Social Care/Education/Public Policy/LIS)

John Wiley & Son's :

    1. Cereal Chemistry

Elsevier Publications: (Online Journal)

    1. Medical Image Analysis

Oxford Journals : (Print + Journal)

    1. The Journal of Nutrition
    2. The American Journal of Clinical Nutrition
    3. Advanced in Nutrition
    4. BiometriKa
    5. The World Bank Economic Review

EBSCO- Database (Full Text) - 1 (1600 Text)

e-Journals (UGC – Consortium):

1. Springerlink	-	1,849 Nos
2. Wiley Blackwell	-	1,600 Nos
3. Cambridge University Press	-	224 Nos
4. American Chemical Society	-	65 Nos
5. American Physical Society	-	17 Nos
6. American Institute of Physics	-	24 Nos
5. JSTOR	-	2,097 Nos
6. Economic and Political Weekly	-	1 No
7. J-Gate Plus	-	Database
8. ISID	-	Database
9. Web of Science	-	Database
10. Annual Reviews	-	51 Nos
11. Nature	-	1 No
12. Taylor and Francis	-	1,079 Nos

4.3 Library services:

	Existing (up to June 30, 2017)		Newly Added (from July 1, 2017 to June 30, 2018)		Total (as on June 30, 2018)	
	No.	Value Rs.	No.	Value Rs.	No.	Value Rs.
Text Books	79,487	3,54,61,080	2,368	8,18,756	81,855	3,62,79,836
Reference Books	6,936	3,00,60,897	118	12,63,570	7,054	3,13,24,467
Total	**86,423**	**6,55,21,977**	**2,486**	**20,82,326**	**88,909**	**6,76,04,303**
e-Books	---	---	---	---	---	---
Journals (Print)	197	81,80,161	--	6,10,981	-	87,91,142
e-Journals *Subscribed by University Emerald Publications*	88	29,70,035	05 138	2,89,483 3,92,743	143 5+138	36,52,261
UGC - Consortium	6,103	-	-	-	6,103	-
Online Database	1 (EBSCO)	13,95,552	01 1600 Text	2,99,250	1	16,94,802
CD & Video	2,629	---	22	---	2651	---
Other (Specify)	---	---	---	---	---	---

4.4 Technology upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	**530**	**81**	**269**	**1**	**3**	**18**	**29**	**12**
Added	**78**	**16**	**69**	**1**	**-**	**-**	**1**	**6**
Total	**608**	**97**	**338**	**2**	**3**	**18**	**30**	**18**

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.)

- ❖ Teachers and students were sensitized to meet the updation of networking and e-governance by the computer science department.
- ❖ Internet & Wi-Fi accessed by all the faculty and research scholars.
- ❖ Research scholars and Students are provided with Wi-Fi 24x7 connectivity.
- ❖ Students are regularly trained for upgrading the computer based scientific studies.
- ❖ Examination related work & IQAC work are carried out via email
- ❖ All the books names were entered in computer
- ❖ Organised hands on training programme on designing digital library using open source software.
- ❖ Email ids with university internet address are provided to all faculty members

4.6 Amount spent on maintenance in lakhs :

i) ICT

| 1.90 |

ii) Campus Infrastructure and facilities

| 3.50 |

iii) Equipments

| 19.03 |

iv) Others

| 1.10 |

Total :

| 25.53 |

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- ❖ IQAC supports high level of academic achievements for all the Students and Scholars.
- ❖ Provide online portal for students to submit their grievances
- ❖ Awareness programmes - Career opportunities and higher education. Training programmes on personality development.
- ❖ Orientation sessions were conducted for newly admitted students.
- ❖ Awareness lectures, alumni meet and feedback system
- ❖ Training for the aspirants of UGC-NET and SET
- ❖ Introduction of student centric welfare schemes, addressing various requirements of residential students and providing necessary support system for student related issues in consultation with Deans of the Faculties, wardens of the Hostels and Student representatives. The IQAC has a role to play in these activities.
- ❖ The teachers during scheduled hours train the students through counseling for appearing in competitive examination.
- ❖ Conduct seminars for orienting students for confidence building.
- ❖ Students and research scholars actively participate in various sports and extracurricular competitions within and outside the University
- ❖ Fund is allotted to conduct extra coaching classes for SC/ST/OBC students

5.2 Efforts made by the institution for tracking the progression

- ❖ A structured framework for the design of the curriculum
- ❖ Periodic tests such as monthly test and internal test to prepare students for their examinations in an efficient manner. The test results are also added as a part of semester examination.
- ❖ Preparation of e-content and multimedia for different subjects
- ❖ Performance is monitored. Percentage of attendance of students will be calculated and the parents are also informed.
- ❖ Personal One-to-One counselling for slow learners
- ❖ Follow-up activities through Alumni meet periodically.
- ❖ The examination system has inbuilt mechanism for monitoring the progression.
- ❖ Regular feedback from students & Teaching faculty (Self Assessment Proforma)

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others (M.Phil)
323	1790	567	198

(b) No. of students outside the state

148

(c) No. of international students

-

Men

No	%
777	36.77

Women

No	%
1336	63.23

Last Year 2016-17						This Year 2017-18 (UG & PG)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
60	418	31	1327	-	1836	97	409	39	1568	3	2113

Demand ratio   Dropout %

Sl No	Department	Demand Ratio	Dropout
1.	Biochemistry	1:12	3%
2.	Biotech	M.Sc.3:3, M.Phil. 1:1	9%
3.	Botany	1:7	1%
4.	Chemistry	1:13	1.56%
5.	Computer Science	MCA- 2:1, M. Sc- 3:1, M.Phil.- 4:1	MCA-7%,M.Sc-14%,
6.	Economics	1:1	2%
7.	English	5:1	28%
8.	Geology	1:2	3%
9.	JMC	1:5	7.6%
10.	L & IS	-	33%
11.	Mathematics	1:10	-
12.	Microbiology	1:10	3.33%
13.	PRIMS	2:64	2.73%
14.	Physics	1:10	-
15.	Psychology	2:1	2%
16.	Sociology	1:8	-
17.	Tamil	1:7	-
18.	Zoology	1:1.64	-
19.	Textiles	M. Sc, 1:07, B.Voc-1:1.8	M.Sc. Nil, B.Voc-8.33%
20.	Statistics	1:7	4.5%
21.	CND	1:14	-

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- ❖ Conducting Weekly Seminar for M.A. M.Phil. and Ph.D. separately
- ❖ Encouraging students to write articles in News Papers, Magazines etc.
- ❖ Preparing students to appear for competitive examinations and providing training to face interviews
- ❖ Language Skill Development Programme
- ❖ Writing Skill, Speech Development Skill for Preparation of competitive examinations such as TNPSC
- ❖ Coaching programme for competitive Examinations UGC NET/SET, personality improvement and soft skill course
- ❖ Teachers during scheduled hours train the students through counselling for appearing in competitive examination
- ❖ Conducting seminars for orienting students to confidence building
- ❖ Conducting special Classes for NET/SLET, GATE, TRB, TET, IAS / IPS, TNPSC
- ❖ Coaching classes were conducted to improve our students to meet national level competitions (DBT, ICMR, GATE, UGC & CSIR).
- ❖ With the support of District Employment Office, Salem all the competitive examinations coaching classes are being conducted.

No. of students beneficiaries   **505**

5.5 No. of students qualified in these examinations

NET	**10**	SET/SLET	**35**	GATE	**1**	CAT	**-**
IAS/IPS etc	**-**	State PSC	**-**	UPSC	**2**	Others	**2**

5.6 Details of student counselling and career guidance

Department	Particulars	No. of Student benefitted
Chemistry	Counselling is given to the weaker students besides career guidance is given for better placements	14
Comp Science	Classroom Advisor, Department Placement Cell	120
Education	The faculty committee provides career guidance to student. In addition, Mentor system also exist in the department for student welfare	10
L & IS	Faculty provide counselling and guidance by interacting with the students at regular intervals.	9
Microbiology	Orientation was given about the laboratory and equipments available in the department besides conducted 5 special lecture programmes for students.	60
PRIMS	The department follows class advisor system. The class advisors do counselling for the needy students.	10
Physics	Counselling is given to the weaker students then and there and career guidance is given to them for better placements.	30

Psychology	Career Orientation Skills Training for school Students on 30.04.2018 – 01.05.2018	50	
Sociology	Department of Sociology has students guidance and counselling centre	24	
Tamil	Counselling are regularly given to the poor/weaker students	2	
Energy Studies	Career Guidance Cell provide support to students in choosing their career.	30	
History	It was offered by the University career guidance cell	1	
Statistics	Counselling is given to the slow learners and career guidance is given to the students for better placements.	5	

No. of students benefitted   **365**

5.7 Details of campus placement

Data Received from departments:

Dept	Number of Organizations Visited	Number of Students Participated	Number of Students Placed	**Off Campus** No.of Students Placed
English	2	18	14	-
L & IS	-	-	-	5
Microbiology	-	-	-	15
Psychology	-	-	-	28
Sociology	1	24	-	-
Tamil	-	-	-	12
Textiles	-	-	9	35
Statistics	1	-	-	5
Total	**4**	**42**	**23**	**100**

Data received from Placement cell

Sl.No	Company	No.of students Participated	No.of students selected
1.	Job Fair-Maruthi Suzuki, HGS Tech Mahindra, Home Credit,Goodrej	863	112
2.	Winners Education Pvt Ltd, Chennai	639	71
3.	Michaels Academy of Communicative English	767	116
4.	M/s C3 Academy	95	13
	Total	**2364**	**312**

5.8 Details of gender sensitization programmes

- ❖ Chemistry Department has Conducted gender sensitization programme on 03.07.2017
- ❖ Workshop on **"Financial Education Programme"** in Association with SEBI(**Securities and Exchange Board of India**) organized by Women's Studies Centre on 09.10.2017
- ❖ **Women's Day Celebration** on **08.03.2018** Organized by Women's Studies Centre
- ❖ Economics Department has Conduct Women day celebration on 03.03.2017 Deliberations on gender issues.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

UNIVERSITY LEVEL PARTICIPATION   (Physical Education Dept Data)

MEN	WOMEN	TOTAL
3,034	2,102	5,136

SOUTH ZONE & ALL INDIA LEVEL PARTICIPATION

	MEN	WOMEN	TOTAL
South Zone Level	76	68	144
All India Level	29	20	49
Total	**105**	**86**	**193**

5.9.2 No. of medals / awards won by students in sports, games and other events.

MEDAL WINNERS	MEN/ WOMEN	ALL INDIA, SOUTH ZONE & STATE LEVEL	MEDALS	NO OF STUDENTS
Athletics	Women	All India	Gold Medal	1
Best Physique	Men	All India	Bronze	1
Handball	Men	South Zone	Third	16
Total				**18**

UNIVERSITY LEVEL MEDAL WINNERS

MEN	WOMEN	TOTAL
678	614	1,292

5.9.1 No. of students participated in Sports, Games and other events

State/ University level | 400 | National level | 8 | International level | - |

No. of students participated in cultural events

State/ University level | 115 | National level | 8 | International level | 34 |

5.9.2   No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level | 71 | National level | - | International level | - |

Cultural: State/ University level | 11 | National level | 8 | International level | 25 |

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from Institution	49	35,28,000
Financial support from Government	1362	94,70,647
Financial support from other sources	-	-
Number of students who received International/ National recognitions	133*	-

*Fellowship Students details

S.No	Scheme	Students
1	UGC-Post Doctoral Fellow	5
2	UGC-National Fellowship for ST	5
3	UGC-Rajiv Gandhi National Fellowship for Disabled	5
4	UGC-National Fellowship for Schedule Caste	45
5	UGC-Maulana Azad National Fellowship	3
6	UGC-Dr.Radhakrishnan Post Doctoral Fellowship	2
7	UGC-NET JRF	16
8	Dr.S.Kothari Post Doctoral Fellowship	6
9	DST-Inspire Fellowship	15
10	SERB-DST-Post Doctoral Fellowship	4
11	ICSSR-Doctoral Fellowship	20
12	ICMR	1
13	CSIR-SRF	2
14	NBHM-Post Doctoral Fellowship	1
15	CICT	3
	Total	**133**

5.11   Student organised / initiatives

Fairs   : State/ University level | - | National level | - | International level | - |

Exhibition: State/ University level | 3 | National level | - | International level | - |

5.12   No. of social initiatives undertaken by the students | 37 |

5.13 Major grievances of students (if any) redressed: Nil

Criterion – VI
6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

> **Vision**
>
> Imparting knowledge to the society through formal and informal modes and contributing to nation building.
>
> **Mission**
> - To establish teaching and research departments in the frontier areas of humanities, science and technology.
> - To institute specialized Research Centres of Excellence.
> - To design courses and to train students to improve academic excellence.
> - To enhance academia – industry interaction to make the students employable.
> - To involve in extension and outreach programmes to achieve the goal of eradicating illiteracy.
> - To evolve Periyar University as a globally known academic and research institution.
> - To inculcate values, ethics, scientific temper and environmental awareness.

6.2 Does the Institution has a Management Information System (MIS)

Yes. University has administrative academy and research committee for its smooth functioning. General administration, examination and finance are dealt through Management information System (MIS). University website is updated regularly with new inputs/news on scrolls. Announcements, Tender, Recruitment, Students admission are partly computerised. Softwares for Examination/Finance/Planning and Development/ IQAC are being developed inhouse. Examination results are sent to students on real time basis through SMS. Central library is using library management softwares ETD Lab and e resource for the benefit of users. Each department appoints coordinators/in-charges for academic and administrative work.

The publication division of the University publishes the quarterly "Periyar University New Letter" with news and events of the University.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Based on the feedbacks from the alumni and recommendations received from academia / industry and R&D, curriculum is revised and updated. The revised curriculum is placed in the Board of Studies (BoS) meeting for review by external subject experts, industrial and R&D experts. It includes the syllabi of CSIR, GATE, PG -TRB and TET. Curriculum update is done based on the feedback received from different stakeholders to keep up with scientific developments, industrial needs and current demands. The curriculum has been developed with the aim of making the students to understand the concept besides to increase career opportunities.

6.3.2 Teaching and Learning

Advanced teaching and learning practices were followed

- ❖ ICT enabled teaching and learning
- ❖ Molecular models and animations
- ❖ Bridge courses for communication skills
- ❖ Hands on Training
- ❖ Field Training and Project work
- ❖ Mentor-Mentee
- ❖ Professional Training through workshops, conferences and special lectures.
- ❖ Orientation Programme Series for students after admission to the Course.
- ❖ Case Study Based Teaching
- ❖ Group Discussion
- ❖ Role Play and Mime
- ❖ Movie Screening
- ❖ Soft Skill Training
- ❖ Internships
- ❖ Industrial Visits
- ❖ e resources

6.3.3 Examination and Evaluation

The programmes, course outlines and tentative examination schedule are provided to faculty and students at the beginning of each semester. In all the programmes two to three internal tests and one model examination are conducted before the main University examinations. Continuous Internal Assessment (CIA) for evaluation of students' performance is done throughout the semester through internal tests, assignments and seminars. Question setting and evaluation of university examination answer scripts are done by external experts from other universities. Answer scripts with barcode and dummy number systems are used to ensure unbiased valuation. Students are allowed to apply for retotaling / revaluation and to avail photocopy of their answer sheets and to appear for supplementary examinations.

6.3.4 Research and Development

Departmental research committees have been constituted to regularly review the research plans of the Department. Similarly at the University level, coordinators of the Centre for Research and Development, Planning and Development reviews the overall research objectives and research programmes of the University. Faculty members are encouraged to submit research proposals to various funding agencies. Faculty members have received research project from various funding sources viz. DST, DBT, ICMR, UGC, etc. Research work of the research scholars are monitored by the doctoral committee constituted for each candidate. Faculty and students are encouraged to publish their research paper in renowned peer reviewed journals. Department of Chemistry received Rs.112 crores under UGC-SAP with two project fellowship. Department of Geology received from DST-FIST financial support of Rs. 119.50 lakhs.

Incentives are provided to faculty members for their major research projects and consultancy services. Students are encouraged to undertake summer project/training.

Promotional Activities:

- ❖ Special Lecture programmes are conducted in all the Departments.
- ❖ Faculty members and students are encouraged to participate in National and International Conferences besides providing partial financial support (50%).
- ❖ Hands on Training in Research Methodology.
- ❖ Research Collaboration is encouraged.
- ❖ MoUs with institutions and industries.
- ❖ Organized Conferences/Seminars/Workshops.

6.3.5 Library, ICT and physical infrastructure / instrumentation

All the required facilities are provided to the Departments for smooth conduct of class room interaction with the students' community to promote and upgrade the learning process. The University provides printed and electronic books and journals to all the students, researchers and faculty members. University library is equipped with advanced tools and technology to collect, store, retrieve and disseminate the data sources. The library provides online communication tools for sending and updating the information to all. Students and scholars are provided Wi-Fi network for learning. In addition, each Department has well-stocked library with text books, reference books and videos to provide our students with new insights and enhance their learning ability. Advanced coaching tools like interactive Electronic Boards, LCD projectors and computers are widely used as classroom teaching support in the University departments. The studio setup provided to the Department of Journalism and Communications helps the students to take Short films, Documentary and Photography. Internet connectivity to the department and laboratories are manage through optical fibber cable.

6.3.6 Human Resource Management

- ❖ Faculty members have undergone orientation course and faculty development training to enrich their knowledge.
- ❖ Regular meetings with HoD, participation in seminars and discussion enhance the skill sets of the faculties and the students.
- ❖ The Head of the Department is responsible for the academic and research-programmes of the Departments. Developing the infrastructure for teaching, learning and motivating the faculty for research schemes, organizing seminars/symposia/conferences are the prime activities of the Heads of the Department.
- ❖ Industrial collaborations have been established to initiate employment opportunities and giving enough counselling to meet the industrial needs and placements.
- ❖ Self appraisal report is collected by IQAC from faculty members annually.
- ❖ Placement cell regularly invites renowned companies and industries to conduct interview for student's employment.

- ❖ CAS scheme, recognition for services, encouragement to participate seminars/conferences in abroad, MoU with Industries etc. for Human Resource Development.

6.3.7 Faculty and Staff recruitment

The recruitment of the faculty and non-teaching staffs are done strictly following the rules and regulations laid by the State Government, UGC and University norms.

6.3.8 Industry Interaction / Collaboration

University Departments have made collaboration with industries for research and development, industrial visits (IV) and students' placement. Experts from industry are invited to provide scope and opportunity for students to know the recent developments and career opportunity. In addition, the University has signed MoU with various institutes for academic and research collaboration.

- ❖ ASP Fashion, Erode
- ❖ AURA Biotechnologies (Chennai)
- ❖ ICTACT, Chennai, IEEE Chennai Chapter, Salem Cancer Institute
- ❖ Salem Cancer Institute
- ❖ SCM Apparels, Erode
- ❖ Shahi Pvt Ltd Kuppam, Andhra Pradesh
- ❖ Shahi Pvt Ltd, Narasipura, Mysore
- ❖ Bharat Scan Centre, Chennai
- ❖ DSK Innoscience, Hosur
- ❖ Salem Steel Plant, Salem (SAIL)
- ❖ Indian Council of Historical Research (ICHR), New Delhi
- ❖ Bharathidasan University, Tiruchirappalli
- ❖ Sathyabama University, Chennai
- ❖ Faculty of Marine Science, Annamalai University, Parangippettai
- ❖ Tuberculosis Research Centre, Chennai
- ❖ DRDO – Bharathiar University, School of Life science, Coimbatore
- ❖ SS Biochem, Theevattipatti, Salem
- ❖ Sri Sakthi Sugars Pvt, Ltd, Sakthi Nagar, Bhavani
- ❖ Centre for Marine Fisheries Research Institute, Chochi
- ❖ Central Coir Research Institute, Alappuzha, Kerala
- ❖ Defence Food Research Laboratory, Mysore
- ❖ VIRBAC India Pvt Ltd. Mumbai

6.3.9 Admission of Students

❖ The University is giving advertisements in the leading National and Regional News Papers every year for admission of students to various courses offered by the University Departments. In addition to that, the informations and details for admissions are uploaded in the University website.

❖ University publishes prospects annually.

❖ Further few Departments bring out brochures on the programme offered by them.

❖ The applications received for various courses are processed by the respective Departments. The eligible applications are shortlisted and the applicants are informed about entrance test or interview, well in advance by the respective heads of the Departments. The marks scored in the qualifying examinations and the performance of entrance test/interview will be taken together to finalise the selection list and the seats will be allotted to different category of students in accordance with the Tamil Nadu Government reservation norms.

❖ The selection list of various communal categories and general category are displayed on the University/Department notice board and also uploaded in the website. Thus, 100% transparency is maintained in the admission process.

❖ Admission of students in the PG courses are based on merit along with entrance test. For M.Phil. and Ph.D. Programmes, admission is based on merit with combined entrance test and interview performance.

❖ The score obtained in the common entrance test conducted by state agencies (TANSET) and the National agencies (CAT) are the criteria for admitting students in MCA and MBA programmes.

❖ The affiliated colleges of our University are strictly following the admission procedures and guidelines issued by the Directorate of Collegiate Education and Government of Tamil Nadu.

❖ The University nominee will be in the various committees of affiliated colleges and are empowered to oversee the admission process. If there are any specific complaints/grievances from the students/ parents, the University enquires the issues and solutions will be given to the students.

❖ The University reviews the admission process of various departments by constituting an expert committee and verifies the selection list in all possible aspects. Specific directions are given to those departments that has poor enrolment so as to enhance admissions.

❖ The University follows the communal reservation norms in the admission of students of SC/ST, OBC and other deprived sections of society. It also gives special quota for the outstanding achievers in sports and games.

❖ Normally, University receives more applications for various programmes in these categories and hence no special attention is needed for admitting SC/ST and OBC students.

6.4 Welfare schemes for

Teaching	✔
Non teaching	✔
Students/Scholars	✔

Teaching and Non Teaching

- ❖ Separate Bus facilities for Non-Teaching Staff
- ❖ Group Insurance
- ❖ Accident Insurance
- ❖ Separate Dining Hall (Food Court)
- ❖ Festival advance
- ❖ Admission concession for university staff
- ❖ Loan from Provident fund

Students and Scholars:

- ❖ Group Insurance
- ❖ Student Bus pass facility
- ❖ Hostel Facility
- ❖ Sports and Games
- ❖ University Research Fellow ship

6.5 Total corpus fund generated

21.80

6.6 Whether annual financial audit has been done   Yes ✔   No ☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	UGC,NAAC	Yes	IQAC
Administrative	Yes	Government of Tamil Nadu	Yes	Registrar/ Various Committees

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes   Yes ✔   No ☐

For PG Programmes   Yes ✔   No ☐

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

The Standing Committee on Academic Affairs (SCAA) meeting with Professors, Chairman of BoS and all the stake holders had been conducted and revised the syllabi of UG and PG programmes to meet current trends and societal needs. It has been recommended to introduce aptitude type of questions, which will help the students for attending various national level competitive examinations. Exclusive coordinators/chief superintendent are appointed for conduct of examination in the university and colleges respectively. Scribes in examination are permitted to help visually challenged student. On-line examination application, special supplementary final examination for candidates who failed in one course besides answer books stationary standardised.

6.10 What efforts are made by the University to promote autonomy in the affiliated/ constituent colleges?

The faculty members of the University Departments are coordinating with the various Departments of affiliated Colleges and provide all academic supports to them to run the courses effectively. Special lectures are also delivered by our faculty to the students of affiliated colleges to promote research. The administration also formed various committees to look into the affairs of the affiliated colleges. The Curriculum Development Cell is providing all assistance to the affiliated colleges in getting grants from UGC and other funding agencies. The University encourages the autonomy of colleges and the University has five constituent colleges which are functioning well.

6.11 Activities and support from the Alumni Association

The University conducts regularly alumni meetings through Alumni Association Cell. In addition, Departmental level alumni meeting was also conducted to get their feedback and support. Alumni who are well placed in companies were requested to give their full support for the developmental activities of the department. Alumni has helped in strengthening the alumni network and connecting Periyar University offering relevant employment opportunities for students. Feedback received from alumni students helped to improve the curriculum and department. Interaction with present students, sharing their knowledge and their experience etc. motivates the junior students. Alumni members are included in Board of Studies (BoS) and IQAC for the updating curriculum and improve the quality of Institution respectively.

6.12 Activities and support from the Parent – Teacher Association

At Departmental level, Parent-Teacher meeting is conducted every semester to get parents' feedback about curriculum, student's performance, discipline, exam results as well as to clarify their job related doubts and also obtain their ideas for improvement. Number of parents records

their suggestion regarding students' development. Accordingly plans are formulated and goals are achieved.

6.13 Development programmes for support staff

- ❖ Salary of guest lecturer, Consolidated and NMR staff are revised regularly
- ❖ University has a health centre
- ❖ Rejuvenation programme was given to Non-teaching staff
- ❖ Yoga Programme for mind relaxing and stress relief
- ❖ Special Computer Training was given to Non-teaching staff
- ❖ Office Administration training (for non teaching staff) by Anna Institute of Management
- ❖ Training for purchase of equipment / chemicals / furniture
- ❖ Staff Training programmes for Government and Private concerns
- ❖ Counseling sessions on "Occupational Stress" to Teaching and Non-Teaching Staffs
- ❖ Relaxation sessions on "Occupational Stress" to Teaching, Non-Teaching Staffs through short films, games awareness about mental health at workplace created

6.14 Initiatives taken by the institution to make the campus eco-friendly

Periyar University maintains a green and eco-friendly campus and promotes various strategies for waste disposal, recycling and pollution free campus. Tree plantation is done throughout the year by NSS and maintained by Periyar University Estate office. In each Department, faculty members encourage our students to

- ❖ Make eco-friendly campus by planting trees and increasing the biodiversity
- ❖ Segregate the laboratory waste safely and dispose them in proper way at the right place
- ❖ Make awareness on Pollution Prevention –on National Pollution Prevention Day
- ❖ Windmills and solar panels installed
- ❖ Create awareness on proper waste disposal and management
- ❖ Take up research towards generation of renewable energy
- ❖ Encouraging students towards 3R - Reduce, Reuse and Recycle
- ❖ Tree planting campaign on "World Environment Day" - June 05, 2018
- ❖ Clean campus programme to maintain litter free and plastic free campus
- ❖ Organic waste recycling facility created
- ❖ Green club
- ❖ Plastic-free, Tobacco free campus, Water harvesting in all buildings
- ❖ Synthesis of biodegradable pesticides
- ❖ Use of recyclable cloth bags and stainless steel tiffin boxes

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- ❖ Construction of Green energy buildings – buildings with roof top solar energy production.
- ❖ Release of examination results to the students through SMS.
- ❖ Making campus green and clean.
- ❖ Entrance examination conducted via online.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- ❖ The University web page has been regularly updated to include any new information necessary for ensuring transparency in appointments.
- ❖ Faculty members have been encouraged to publish more number of papers in SCI journals and peer reviewed journals.
- ❖ IQAC analysed the faculty performance on the basis of their publications in journals, books etc. provided in self-assessment proforma.
- ❖ Received Grants for UGC-SAP
- ❖ B.Voc. Programme in Food and Nutrition, and Textile and Apparel Designs.
- ❖ The University applied for NIRF ranking 2018 of MHRD.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

Best Practice (i)

1. **Title of the Practice:**

Clean and Green Campus Maintenance and Waste Minimization

Best practice (ii)

2. **Title of the Practice:**

Creating Awareness to Rural Society

Provide the details in Annexure - iii (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

- ❖ The university conducts a green audit of the campus regularly to ensure Green and Clean Campus. The NSS units and the volunteers from our university are involved in campus cleaning and taking care of the trees in the campus.
- ❖ IQAC has organized environmental awareness programme like pollution issues, pollution prevention and environmental policy to the faculty and students.
- ❖ University maintains biodiversity garden is the campus with varieties of herbal plants and flowers.
- ❖ Campus bio wastes are properly managed and recycled to produce value added products such as biogas.
- ❖ Awareness on power saving has been provided though pamphlets and stickers.
- ❖ Minimal usage of plastic. Plantation of saplings and plants in their campus.

7.5 Whether environmental audit was conducted?   Yes ☐   No ✔

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strength:

1. Strong research and publications
2. Excellent Student support service
3. Periyar University received two B.Voc. Programmes
4. New building constructions for Science and Humanity Departments
5. Good University-Public relationship
6. Equitable access to quality higher education for students hailing from weaker section
7. A few departments recognised by UGC under special Assistance Programme (SAP)
8. Extension Activities enhancing holistic development of rural school children
9. Wifi Facility in the campus 24x7 for Department lab and Hostel

Weakness:

1. Rural background with poor inputs
2. Lack of space for state of the art expansion
3. Limited number of overseas students
4. Limited staff exchange programmes with International bodies
5. Industry-Institute collaboration
6. Placement
7. Consultancy

Opportunities:

1. Introduction of innovative programmes on emerging thrust areas
2. More collaborative research projects with national and foreign institutes
3. Implementation of faculty and students exchange programme
4. Filing for more patents in emerging research areas
5. Aiming for University with potential for excellence status
6. Self-employment through software development, food processing
7. Administrative autonomy to the departments

Challenges:

1. Internationalization of education
2. Higher expectation of industries from Universities
3. Competition with pioneered academic and research institutions
4. State-of-the-art instrumentation facilities for advanced research
5. Placement employability for all degree holders
6. Stagnation of technical and administrative staff
7. Communication skill of rural student

8. Plans of institution for next year

- ❖ Efforts shall be made to improve the sustained growth rate, score in NAAC reaccreditation and NIRF ranking.
- ❖ Encourage more departments to apply for UGC-SAP and DST-FIST.
- ❖ Effective implementation of Out-come Based Education (OBE) and restructure/ revise the curriculum to improve the course content and better placement of students.
- ❖ Promote interdisciplinary research among departments and collaborative research programmes with institutions and industry.
- ❖ Preparation for 3rd cycle of accreditation by NAAC and taking part in the NIRF ranking.
- ❖ Faculty Lecture series by eminent scholars and luminaries besides academic exchange with institutions in India and abroad.
- ❖ Create awareness among Students on MOOC Courses.
- ❖ Encourage faculty members to apply and avail international fellowship, projects with funding agencies, recognition/ awards.
- ❖ Increase Laboratory facilities and plan to construct mini auditorium/ seminar halls.
- ❖ Skill Development Training to increase placement and Training of students for competitive examinations.
- ❖ Invite peers and alumni to review and plan for the sustainable growth of the University.

- ❖ Encourage affiliated colleges to take part in for NAAC accreditation and improve their infrastructure.
- ❖ Smart class room in departments and display of career opportunities/ competitive examinations prominently.
- ❖ Adaptation of more villages, partnership with state/ district administration to take part in Disaster Management, Cleanliness, Cleanliness Drives etc.
- ❖ Celebration and organization of International/ National days and cultural programs.
- ❖ Establishment of Incubation Centre, Animal house and to develop Museum.
- ❖ Increase the biodiversity in the campus, identification of flora and conduct environmental audit.
- ❖ Organise more International Seminars and workshops, Industry-Academia interactions with participation of international scientists, expert and industries.

Name: *Prof.R.Venkatachalapathy*   Name: *Prof.P.Kolandaivel*

Signature of the Director, IQAC   *Signature of the Chairperson, IQAC*

Director
Internal Quality Assurance Cell (IQAC),
Periyar University, Salem - 636 011.

Prof. P. Kolandaivel
Vice Chancellor
Periyar University
Salem - 636 011.
Tamil Nadu, India.

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Academic Calendar

University Departments Academic Calendar 2017-2018

July 2017		
Date	**Day**	**Particulars**
03.07.2017	Monday	University Departments Reopening for Odd Semester
17.07.2017	Monday	Tentative date for the Publication of Revaluation and Retotaling Results for April 2017 Examinations.
August 2017		
14.08.2017	Monday	Krishna Jayanthi - Holiday
15.08.2017	Tuesday	Independence Day - Holiday
25.08.2017	Friday	Vinayagar Chathurthi - Holiday
September 2017		
02.09.2017	Saturday	Bakrid - Holiday
15.09.2017	Friday	Submission of Examination Applications through online
25.09.2017	Monday	Despatch of Practical Schedule and Appointment of Examiners for Practical Examinations.
29.09.2017	Friday	Ayutha Pooja - Holiday
30.09.2017	Saturday	Vijaya Dhasami - Holiday
October 2017		
01.10.2017	Sunday	Moharram - Holiday
02.10.2017	Monday	Gandhi Jayanthi - Holiday
03.10.2017	Tuesday	Last Date for submission of Examination Applications
11.10.2017	Wednesday	Tentative date for Despatch of Theory Examination Time Table
16.10.2017	Monday	Tentative date of Commencement of Practical Examinations.
18.10.2017	Wednesday	Deepavali - Holiday
30.10.2017	Monday	Despatch of Hall Tickets and Attendance Sheet
November 2017		
08.11.2017	Wednesday	Last date for receipt of Practical and Internal Marks
14.11.2017	Tuesday	Tentative date of Commencement of Theory Examinations
December 2017		
01.12.2017	Friday	Milad-un-Nabi - Holiday
04.12.2017	Monday	University Departments Reopening for Even Semester
25.12.2017	Monday	Christmas - Holiday
January 2018		
01.01.2018	Monday	New Year – Holiday Tentative date for the Publication of Results for November 2017 Examinations
14.01.2018	Sunday	Pongal - Holiday
15.01.2018	Monday	Thiruvalluvar day - Holiday
16.01.2018	Tuesday	Uzhavar Thirunal - Holiday

26.01.2018	Friday	Republic day - Holiday
February 2018		
01.02.2018	Thursday	Tentative date for Publication of Revaluation and Retotaling Results for November 2017 Examinations.
20.02.2018	Tuesday	Submission of Examination Applications through online
26.02.2018	Monday	Despatch of Practical Schedule and Appointment of Examiners for Practical Examinations.
March 2018		
09.03.2018	Friday	Last date for submission of Examination Applications
14.03.2018	Wednesday	Tentative date for Despatch of Theory Examination Time Table
18.03.2018	Sunday	Ugadi - Holiday
19.03.2018	Monday	Tentative date of Commencement of Practical Examinations
29.03.2018	Thursday	Mahavir Jayanthi - Holiday
30.03.2018	Friday	Good Friday - Holiday
April 2018		
03.04.2018	Tuesday	Despatch of Hall Tickets and Attendance Sheet
12.04.2018	Thursday	Last date for receipt of Practical and Internal Marks
14.04.2018	Saturday	Tamil New year Dr.B.R.Ambedkar Birthday - Holiday
18.04.2018	Wednesday	Tentative date of Commencement of Theory Examinations.
May 2018		
01.05.2018	Tuesday	May Day – Holiday
June 2018		
15.06.2018	Friday	Tentative date for the Publication of Results for April 2018 Examinations.

Feedback Analysis

Feedback from Parents Teachers Association

❖ Parents have pointed out and appreciated the facilities offered by departmental activities –like laboratories, infrastructure, green atmosphere and easy accessibility.

❖ Parents appreciated the approaches of the Department faculty members and Head of the Department.

❖ Some parents have mentioned the usefulness of the syllabi which are helpful to prepare for NET Exams.

❖ Parents have requested the departments to conduct social awareness programmes.

❖ Parents have requested the Departments to conduct current affairs discussion periodically.

Feedback from Alumni Students

❖ Most of the students have given positive feedback towards curriculum. They suggested for the inclusion of some additional chapters like Guidance and Counselling, political Science, Value Education, and Human rights.

❖ In case of Psychology, students need more teaching practice classes for practicals.

Feed Back from Students

❖ The curriculum is updated with recent advances needed for the society in relation to the educational setup.

❖ While preparing question papers, basic levels are not tested.

❖ Questions in the examination should only be asked on concepts not as a general one which can fetch marks alone. They should fetch desirable knowledge too.

❖ Evaluation should be done based on correctness of answers alone. Evaluation should not be partial.

❖ Basic skill enrichment should be developed as a part of curriculum.

❖ Technical aspects should be taught for utilization of resources. Searching in web without proper root cannot fulfil the needs of individual.

❖ CCTV to be installed at entrance and vantage points of the hostel. In addition, the hostel inmates to be given separate ID card.

❖ All the room doors and windows must be covered with insect protective mesh as the menace is rampant and leads to frequent communicable diseases

❖ Arrangements for common celebration such as Hostel Day with special menu and recreational activities etc.

❖ Provision of computer facilities and improvement of WiFi signal strength.

❖ Each room requires reading table and chair, besides periodic checking and replacing the non-functional, old, broken furniture, cot etc.,

❖ Periodic meeting of inmates by higher authorities for eliciting their concerns, requirements and timely action on the views expressed.

- ❖ The mess workers need separate accommodation, as they are resident workers staying in the hostel on 24/7 basis.
- ❖ Weekly checking of electrical appliances and lighting in rooms, common utility area and rest-wash rooms.
- ❖ Without fail, as the inmates have requested arrangement for either visit of medical doctor and or resident doctor in the campus/hostel. This requires serious and immediate attention.
- ❖ Most of the inmates also requested provision of first-aid kit in the kitchen and in every floor and periodic replenishment/replacement of medicaments for emergency purposes.
- ❖ Provision/arrangement of visitor's hall, especially in girls hostels for meeting the parents/relatives.

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Best Practice (i)

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1. **Title of the Practice:**
   Clean and Green Campus Maintenance and Waste Minimization

2. **Objectives of the Practice:**

   - ❖ To minimise the use of paper
   - ❖ To minimise the use of plastics
   - ❖ To implement green computing
   - ❖ To digitalise all processes
   - ❖ To ensure pure water, air, soil in the campus

3. **The Context:**

   The major challenge is to avoid the use of plastics and make the campus environmentally clean and green. Use of plastics and creation of solid wastes pose heavy threat to the environment because they block the flow of water and reduce the ground water level.

4. **The Practice:**

   - ❖ Usage of plastics were minimised
   - ❖ Solid and liquid wastes from laboratories were treated properly
   - ❖ Switching off all electrical and electronic equipment when they are not in use.
   - ❖ The NSS units and volunteers are involved in campus cleaning and taking care of trees in the campus.
   - ❖ Bio waste are properly managed and recycled.
   - ❖ Awareness on power saving is created.

5. **Evidence of Success:**

   - ❖ The power consumption is greatly reduced
   - ❖ The campus looks clean and green

6. **Research Required:**

   - ❖ Progressive research is ongoing for the effective treatment of solid and liquid waste management in the campus.

7. **Problems encountered:**

   - ❖ It is very challengeable to treat the solid chemical waste and to avoid complete use of plastics.

Best Practice (ii)

1. **Title of the Practice:**

   ### Creating Awareness to Rural Society

2. **Objectives of the Practice:**

   To create awareness on health, education and hygiene. Rural societies are important because they are the springs to feed urban society and development of nation. Education and awareness can bring significant improvement and benefits to the rural societies. It is very important to adapt the villages to provide education and making them to understand the key issues of sustainable development. To bring improvement in their life and benefits to the rural people.

3. **The Context:**

   The quality of life of the rural society is significantly associated with education and awareness.

4. **The Practice:**

   - ❖ Regularly conducting Awareness programme to the farmers about the soil health and organic farming.
   - ❖ Awareness programme for school students.
   - ❖ Conducting training programme for rural Self-Help Groups on mushroom cultivation and Embroidery.
   - ❖ Conducting Dengue mosquito eradication awareness programme at villages.
   - ❖ Conducting training for SHGs women in connection with self-employment
   - ❖ Conducting Employment training programme for Rural Youth.
   - ❖ Conducting Awareness programme on minimum use of water, electricity and plastics.
   - ❖ Conducting Health Awareness programme at Sangeethapatti, Salem
   - ❖ Conducting Awareness programme on Rain Water harvesting.

5. **Evidence of Success:**

   - ❖ The individuals obtained higher levels of education and awareness.
   - ❖ More student undertake higher education.
   - ❖ More girls student joined higher studies and research programme (63%)

6. **Research Required:**

   - ❖ Progressive research and critical analysis are ongoing.

7. **Problems encountered:**

   - ❖ No issues were encountered in village adaptation and providing awareness programme to the society.

Abbreviations:

CAS   -   Career Advanced 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

UPSC   -   Union Public Service Commission