



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		PERIYAR UNIVERSITY
Name of the head of the Institution		Prof. P. KOLANDAIVEL
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04272345766
Mobile no.		9442524390
Registered Email		vcperiyar@gmail.com
Alternate Email		registrarperiyar@gmail.com
Address		Salem
City/Town		SALEM
State/UT		Tamil Nadu
Pincode		636011
<b>2. Institutional Status</b>		

University	State
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Prof. R. Venkatachalapathy
Phone no/Alternate Phone no.	04272345766
Mobile no.	9442105151
Registered Email	puiqac@gmail.com
Alternate Email	rvenkatachalapathy@gmail.com

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.periyaruniversity.ac.in/aqar.php">_https://www.periyaruniversity.ac.in/aqar.php</a>
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### 4. Whether Academic Calendar prepared during the year

Yes

if yes,whether it is uploaded in the institutional website:  
Weblink :

<https://www.periyaruniversity.ac.in/Calendar.php>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B+	78	2007	31-Mar-2007	28-Feb-2012
2	A	3.15	2015	01-May-2015	30-Apr-2020

### 6. Date of Establishment of IQAC

30-May-2010

### 7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
IQAC Meeting	30-Sep-2020 1	21

IQAC Meeting	25-Jun-2020 1	20
IQAC Meeting	12-Feb-2020 1	37
IQAC Meeting	29-Jul-2019 1	12
Administrative Audit	31-Jul-2019 1	61
Action Taken on Academic and Administrative Audit by Honourable Vice Chancellor	04-Oct-2019 1	100
SDGs Group Meeting with TANSICHE & Government of Tamil Nadu	02-Jan-2020 1	6
Discussion on SDGs with Periyar University Affiliated Colleges	03-Jan-2020 1	58
SDG Video Conference meeting with TANSICHE, Chennai (Data details, Photographs and future plans details submitted)	20-Jan-2019 1	10
Discussion on Environmental Audit with expert	06-Feb-2020 1	5
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**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Computer Science	SAP (DRS-II)	UGC	2018 1825	8150000
Microbiology	FIST	DST	2016 1825	6100000
Mathematics	SAP (DRS-I)	UGC	2016 1825	8050000
Chemistry	SAP (DRS-I)	UGC	2016 1825	13200000
Journalism and Mass Communication	SAP (DRS-I)	UGC	2016 1825	4800000
Bio-Technology	FIST	DST	2017 1825	5400000
Mathematics	FIST	DST	2017 1825	10100000
Geology	FIST	DST	2017	11900000

			1825	
Physics	FIST	DST	2018 1825	16300000
Food Science	FIST	DST	2018 1825	8400000
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<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
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Upload latest notification of formation of IQAC	<a href="#">View File</a>
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<b>10. Number of IQAC meetings held during the year :</b>	4
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The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
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Upload the minutes of meeting and action taken report	<a href="#">View File</a>
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<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No
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**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

• Administrative Audit was conducted on 31.07.2019. • Organised Faculty Development Programme (FDP) and Staff Development Programme (SDP) during 24 to 30 June 2020. • Periyar University in association with NAAC, Bangalore organised Webinar on "NAAC Assessment and Accreditation Process" on 20.08.2020 for the University departments and affiliated Colleges of Periyar University. A total 212 of participants (Principals of affiliated colleges/IQAC Coordinators/Faculty members) had participated in the Webinar. Besides, participated in series of webinars organised by NAAC during April to July 2020. • Participated in ARIIA and secured 4th rank in category of 'Govt. and Govt. Aided Universities Deemed to be Universities' in Atal Ranking of Institutions on Innovation Achievement (ARIIA) in 2020 besides organised series of meeting for NIRF 2020 and NAAC SSR preparation process, introduction of Value Added/ Skill Development/Industry supported one or two Credit Courses. • Departments and Colleges were encouraged to organise and conduct programmes related to UN Sustainable Development Goals and the data/report on SDGs are shared with TANSICHE, Govt. of Tamil Nadu.

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

Plan of Action	Achievements/Outcomes
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Faculty and Staff Development Programmes	Organized Faculty and Staff Development Programmes during 24to30.06.2020
Organize more Skill Development Programmes	Received Sanction for Skill Development Programmes under DDUGKY for SC/ST Students
Provide opportunity for officers/ employees to pursue higher studies	Signed MoU with NCC Directorate (TN, PAN) on 3.3.2020 to offer PGDPM MBA Courses
Increase of Green Cover in the Campus	1350 saplings were planted under 'Miyawaki' Plantation
Increasing more facilities for Sports	Received Sanction of Rs.7 Crore under 'Khelo India' project
Introduction of Value Added/ Skill Development/Industry supported one or two Credit Courses in the Curriculum	Value Added/ Skill Development/Industry supported Courses are introduced by the departments in the AY 2019-20.
Increase the activity on Sustainable Development Goals (SDGs)	Organized programs and meetings on 'Sustainable Development Goals' and the data/report on SDGs are shared with TANSCH, Govt. of Tamil Nadu.
Organize Webinar on NAAC Accreditation Process	Organized Webinar on "NAAC Assessment and Accreditation Process" on 20.08.2020 besides, participated in series of webinars organized by NAAC during April-July 2020.
Participation in NIRF, AISHE, ARIIA by MHRD	Participated in NIRF, AISHE, ARIIA by MHRD
Administrative Audit	Conducted Administrative Audit on 31.07.2019
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<b>14. Whether AQAR was placed before statutory body ?</b>	No
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2020
Date of Submission	19-Jun-2020
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	Periyar University amalgamated effective Management Information System in the functioning of the University at

all levels. The web based MIS is ably managed to collect data and dissemination of information to all stake holders. Admission Process, Payment of Fees and Declaration of Results are done through online. Separate link is provided to Faculty Members and Administrative Staff to apply for Leave and to access their Pay Slip. MIS services help employees to update their information and manage their leave details whereas Admins can track the details and utilize the data for effective functioning of the Institution. Online File Tracking is introduced for the administrative work of the University through Java platform using oracle as back end database. Information of Departments, Faculty, Events, Ph.D. Registration, Students Attendance, Publications, Recognitions/Awards, Seminar /Conference/ Workshop/Attended/Organized, Patents, Consultancy, Foreign Fellowship, Membership are regularly updated through the website. Common Entrance Test (CET) is conducted for M.Phil and Ph.D. admissions through online and the results are promptly displayed in the University website with a secured access to the stake holders. Application of MIS and development of user friendly programmes help in file sharing and providing dynamic facilities to all users of the Institution.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MSc	CND03	Clinical Nutrition and Dietetics	03/07/2019
MSc	STA03	Statistics	17/07/2019
MPhil	STA02	Statistics	10/10/2019
MPhil	TAD02	Textiles and Apparel Design	11/10/2019
MSc	EVS03	Environmental Science	03/07/2019

MPhil	GEO02	Geology	10/10/2019
MPhil	ENG02	English	10/10/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MSc	Biotechnology	06/09/2019	MBT308 Summer Internship	06/09/2019
MSc	Biotechnology	06/09/2019	MBT401 Industrial skill development programme	06/09/2019
MSc	Chemistry	01/07/2019	Medicinal Chemistry 18UPCHE1E01	01/07/2019
MSc	Chemistry	01/07/2019	" Organic Synthesis and Natural Products 18UPCHE1C12"	01/07/2019
MSc	Chemistry	01/07/2019	" Electroanalytical Techniques 18UPCHE1E07"	01/07/2019
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## 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MEd	Pre-Marital Education (Value Added Course)	01/07/2019
MSc	Chemistry(Value Added Course)	01/02/2020
MSc	Ecotechnology	08/11/2019
MSc	Summer Internship	08/11/2019
MSc	Industrial skill development programme	08/11/2019
MSc	PLANT THERAPEUTICS	01/07/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MA	Tamil	01/07/2019
MPhil	Tamil	01/07/2019

PhD or DPhil	Tamil	01/07/2019
MA	English	01/07/2019
MPhil	English	01/07/2019
PhD or DPhil	English	01/07/2019
MA	Economics	01/07/2019
MPhil	Economics	01/07/2019
PhD or DPhil	Economics	01/07/2019
MA	History	01/07/2019
MPhil	History	01/07/2019
PhD or DPhil	History	01/07/2019
MA	Journalism and Mass Communication	01/07/2019
MPhil	Journalism and Mass Communication	01/07/2019
PhD or DPhil	Journalism and Mass Communication	01/07/2019
MSc	Computer Science	01/07/2019
MPhil	Computer Science	01/07/2019
PhD or DPhil	Computer Science	01/07/2019
MSc	Biochemistry	01/07/2019
MPhil	Biochemistry	01/07/2019
PhD or DPhil	Biochemistry	01/07/2019
MSc	Botany	01/07/2019
MPhil	Botany	01/07/2019
PhD or DPhil	Botany	01/07/2019
MSc	Chemistry	01/07/2019
MPhil	Chemistry	01/07/2019
PhD or DPhil	Chemistry	01/07/2019
MSc	Biotechnology	01/07/2019
MPhil	Biotechnology	01/07/2019
PhD or DPhil	Biotechnology	01/07/2019
MSc	Statistics	01/07/2019
MPhil	Statistics	01/07/2019
PhD or DPhil	Statistics	01/07/2019
MCom	Commerce	01/07/2019
MPhil	Commerce	01/07/2019
PhD or DPhil	Commerce	01/07/2019
MSc	Geology	01/07/2019
MPhil	Geology	01/07/2019
PhD or DPhil	Geology	01/07/2019
MSc	Sociology	01/07/2019



MPhil	Sociology	01/07/2019
PhD or DPhil	Sociology	01/07/2019
MSc	Physics	01/07/2019
MPhil	Physics	01/07/2019
PhD or DPhil	Physics	01/07/2019
MSc	Zoology	01/07/2019
MPhil	Zoology	01/07/2019
PhD or DPhil	Zoology	01/07/2019
MSc	Psychology	01/07/2019
MPhil	Psychology	01/07/2019
PhD or DPhil	Psychology	01/07/2019
MSc	Mathematics	01/07/2019
MPhil	Mathematics	01/07/2019
PhD or DPhil	Mathematics	01/07/2019
MSc	Microbiology	01/07/2019
MPhil	Microbiology	01/07/2019
PhD or DPhil	Microbiology	01/07/2019
MSc	Energy Science	01/07/2019
MPhil	Energy Science	01/07/2019
PhD or DPhil	Energy Science	01/07/2019
MSc	Food Science and Nutrition	01/07/2019
MPhil	Food Science and Nutrition	01/07/2019
PhD or DPhil	Food Science and Nutrition	01/07/2019
MSc	Textile &Apperal Design	01/07/2019
MPhil	Textile &Apperal Design	01/07/2019
PhD or DPhil	Textile &Apperal Design	01/07/2019
MSc	Clinical Nutrition and Dietetics	01/07/2019
MPhil	Clinical Nutrition and Dietetics	01/07/2019
PhD or DPhil	Clinical Nutrition and Dietetics	01/07/2020
MSc	Environment Science	01/07/2019
MPhil	Environment Science	01/07/2019
PhD or DPhil	Environment Science	01/07/2019
MBA	Management Studies	01/07/2019
MPhil	Management Studies	01/07/2019
PhD or DPhil	Management Studies	01/07/2019
MEd	Education	01/07/2019

MPhil	Education	01/07/2019
PhD or DPhil	Education	01/07/2019
MLibISc	Library and Informations Science	01/07/2019
MPhil	Library and Informations Science	01/07/2019
PhD or DPhil	Library and Informations Science	01/07/2019
BVoc	Food Science and Nutrition	01/07/2019
BVoc	Textile &Apperal Design	01/07/2019
BEd	Education	01/07/2019
MCA	Computer Application	01/07/2019

### 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
Herbal Technology	11/12/2019	30
Archive Keeping	21/01/2020	16
Add on Course: Statistical Techniques Using Open Source Software	28/01/2020	28
Design Thinking	01/02/2020	25
Business Ethics	01/02/2020	64
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#### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Biotechnology	59
MSc	Botany	28
MSc	Botany	55
BCom	Commerce	28
MBA	Management Studies	91
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### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

#### 1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?

(maximum 500 words)

#### Feedback Obtained

Periyar University regularly conducts students feedback on teaching learning practices along with performance of teachers through Self-Appraisal Proforma (SAP). The student feedback form has questionnaire on teachers domain knowledge, punctuality, teaching skills, communication skills, analytical skills, availability and accessibility to students, use of teaching aids etc. The feedback forms are shown to the teacher concerned through the Head of the departments. Honble Vice Chancellor discusses the performance of the faculty members directly with them and provides necessary support and encouragement for improvement of faculty performances through the Head of the departments. The overall feedback from students is very positive and satisfactory. From the academic year {2019-2020}, Periyar University will be collecting online feedback from all stakeholders viz. Students, Teachers, Employers, Alumni and Parents. Based on the feedback, the syllabus is regularly updated and revised to accommodate the requirements of the society and industry. The feedbacks are contributory in introducing Value Added Courses, Skill based Courses besides job and industry oriented courses. Significant changes made in the University Examination question paper pattern since 2019 facilitated the students to prepare for competitive examinations comfortably. The feedbacks received are analyzed. The consolidated reports and the action taken report (ATR) are readily shared with the stake holders as part of the quality initiative by the IQAC. For More Details : [https://www.periyaruniversity.ac.in/Documents/Feedback/Feedback\\_analysis\\_Periyar\\_University\\_new.pdf](https://www.periyaruniversity.ac.in/Documents/Feedback/Feedback_analysis_Periyar_University_new.pdf)

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MSc	Computer Science	40	43	29
MCom	Commerce	40	70	37
MSc	Chemistry	25	316	25
MSc	Botany	30	55	30
MSc	Biotechnology	30	99	30
MSc	Biochemistry	25	50	25

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### 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	184	864	30	156	2

### 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
156	156	50	42	10	100
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### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Students are categorized based on their level of studies. They are divided into groups of 5-10 depending on the number of students. Each group is assigned a teacher mentor who would perform mentoring duties. Mentoring system has been implemented in order to give special care for weak students. The advance learners are motivated to qualify CSIR/UGC-NET, SET, GATE, TANSET, CAT, UPSC, TRB and similar competitive examinations. Students willing to join research are further given guidance to get admissions in IISC/IITs/IIMs and other centrally funded institutions. The students are offered guidance and counseling as and when required. Parents are also invited for personal meetings as per individual needs of their children. Students get an insider's perspective on navigating their career in the right channel. The students meet mentors frequently and get their support in overcoming the emotional and other difficulties faced. Mentoring includes self development exercises/activities, life skills and soft skills training relevant to personal, educational, vocational and social spheres of life.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1012	152	1:7

## 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
170	156	17	Nil	147

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Prof. V. Raj	Professor	TAMILNADU SENIOR SCIENTIST AWARD - 2017, Tamil Nadu State Council for Science and Technology, Chennai
2019	Prof. S. Anbazhagan	Professor	TAMILNADU SCIENTIST AWARD - 2018, Tamil Nadu State Council for Science and Technology, Chennai
2020	Prof. R. Balagurunathan	Professor	TAMILNADU SCIENTIST AWARD - 2018, Tamil Nadu State Council for Science and

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**2.5 – Evaluation Process and Reforms**

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MSc	BCH03	Oct-2020	23/09/2020	15/10/2020
MSc	BCH03	Oct-2020	23/09/2020	15/10/2020
MSc	BIT03	Oct-2020	25/09/2020	15/10/2020
MSc	BIC03	Oct-2020	25/09/2020	15/10/2020

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

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	1113	0

**2.6 – Student Performance and Learning Outcomes**

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

<https://www.periyaruniversity.ac.in/obe.php>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
BIC03	MSc	Biochemistry	38	38	100
TAD03	MSc	Textiles & Apparel Design	17	17	100
CND03	MSc	Clinical Nutrition and Dietetics	68	68	100
BIT03	MSc	Biotechnology	30	30	100
ZOO01	MSc	Zoology	27	27	100

[View File](#)**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)

### CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 – Promotion of Research and Facilities

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr. V. Sujatha	Mobility Fellowship Award	02/08/2019	Department of Science and Technology, New Delhi
National	Dr. V. Raj	UGC - Mid-Career Award	02/08/2019	University Grants Commission, New Delhi
National	Dr.R.Balaguru nathan	MHRD - LEAP	24/02/2020	National Institute of Educational Planning and Administration
National	Dr. S. Karthikeyan	Full Travel Grant	10/06/2019	NBHM, Mumbai

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##### 3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
SRF(4)	730	UGC ,DST-SERB
JRF(3)	1095	DST/SEED/TIDE
University Research Fellowship (7)	730	PERIYAR UNIVERSITY

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#### 3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	730	MHRD-ICSSR	10	4
Minor Projects	365	PMMMNTT Scheme - SoE - GRI	3.15	1.26
Major Projects	1460	DST	38.01	8
Students Research Projects (Other than compulsory by the	365	CEAT, Gujarat.	7	7

University)				
Major Projects	730	ICSSR	8	3.2
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### 3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Ramalingar Panimandram (Kalai ilakkiya pottikal)	Tamil	17/08/2019
Workshop on Woven fabric Analysis	Textiles Apparel Design	23/07/2019
Workshop to the research scholars of the University departments	Biochemistry	09/03/2020
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Atal Ranking of Institutions on Innovation Achievement (ARIIA)	PERIYAR UNIVERSITY	MHRD now MoE	18/08/2020	4th Rank in category of Govt. and Govt. Aided Universities Deemed to be Universities
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nil
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### 3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Physics	8
Physics-Energy Science (Interdisciplinary)	1
Psychology	4
Sociology	3
Tamil	1
Zoology	2
Education	8
Biochemistry	3

Biotechnology	7
Botany	1
Botany - Microbiology (Interdisciplinary)	1
Chemistry	9
Commerce	10
Computer science	15
Economics	6
Environmental Science	3
Food Science and Nutrition	4
Geology	4
Journalism and Mass Communication	4
Library and Information Science	8
Management	20
Mathematics	9
Microbiology	7

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Nutrition and Dietetics	27	3.64
International	Biotechnology	24	1.8
International	Environmental Science	13	2.47
International	Chemistry	27	2.29
International	Physics	76	2.98
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#### 3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Botany	4
Biotechnology	3
Biochemistry	1
Chemistry	2
Computer Science	15
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#### 3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
A Formulation and Evaluattion of the peptide HIF9 Loaded Chiosan	Published	2202-0410-13943	12/06/2020



Nanoparticles			
Brand Loyalty Model of Fast Moving Consumer Goods	Published	Reg No: L-87522	04/12/2019
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Death Anxiety and Psychological Wellbeing of Institutionalized Elderly: Relationship, Association, and Influences of Demography	M Nagaraj, DV Nithyanandan	Indian Journal of Gerontology	2019	1	Periyar University	1
Curcumin-loaded layer-by-layer folic acid and casein coated carboxymethyl cellulose/casein nanogels for treatment of skin cancer	P Priya, R Mohan Raj, V Vasanthakumar, V Raj	Arabian Journal of Chemistry	2020	10	Periyar University	9
Enzymatically hydrolysed sago bagasse improves physiological, biochemical and molecular attributes of Solanum lycopersicum	Sathiya Kumar, Karthik Chinnannan, Senthil Kumar Thamilarasan, Muhilvanna Seralathan, Rajasree Shanmuganathan, Indra Arulselvi	Biocatalysis and agricultural biotechnology	2019	2	Periyar University, Salem. D RDO-BU-CLS, Coimbatore. PAR Life Science Pvt. Ltd, Tiruchirappalli, India. Ton Duc Thang University	3

	Padikasan				, Ho Chi Minh City, Vietnam	
Rare-earth ions integrated silica nanoparticles derived from rice husk via microwave-assisted combustion method for bioimaging applications	P. Aravindhan, K.M. Prabu, G. Suresh Kumar, G. Karunakaran, N. Van Minh, S. Karthi, E.K. Girija, E. Kolesnikov	Ceramics International	2020	1	Periyar University	1
<a href="#">View File</a>						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Invariant Solutions of Hyperbolic Fuzzy Differential Equations	C.Vinothkumar, J.J.Nieto, A.Deiveegan and P.Prakash	Modern Physics Letters B	2020	42	1	Periyar University, Salem - 636011, India
Nanostructured pH-responsive biocompatible chitosan coated copper oxide nanoparticles: A polymeric smart intracellular delivery system for doxorubicin in breast cancer cells	Nipun Babu Varukattu, Raju Vivek, Chandrababu Rejeeth, Ramar Thangam, Thondhi Ponraj, Alok Sharma, Soondarapandian Kannan	Arabian J Chemistry	2020	23	6	Periyar University
Design and	Mohan Kumar, T.	Scientific	2020	45	5	Periyar University

Molecular dynamic Investigations of 7,8-Dihydroxyflavone Derivatives as Potential Neuroprotective Agents Against Alzheimer's synuclein	Vivek, C. Lalithamba Haralur. Richarad, L. Kumaradhas, P. Sivvanandam, M. Govindasamy, H. Vijayakumar, R. Balakrishnan, R. Manimaran, D and Elangovan, N.	Reports				Siddaganga Institute of Technology, Bengaluru, India. College of Medicine and Health science, Abuthabi. Majmaah university, Saudi Arabia.
Design and Molecular dynamic Investigations of 7,8-Dihydroxyflavone Derivatives as Potential Neuroprotective Agents Against Alzheimer's synuclein	T. Mohankumar, V. Chandramohan, H.S. Lalithamba, R. L. Jayaraj, P. Kumaradhas, M. Sivvanandam, G. Hunday, R. Vijayakumar, R. Balakrishnan, D. Manimaran, N. Elangovan.	Scientific Reports	2020	1	5	Periyar University
<a href="#">View File</a>						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	98	218	70	40
Presented papers	14	11	Nil	Nil
Resource persons	12	17	3	13
<a href="#">View File</a>				

#### 3.5 – Consultancy

##### 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)
Nutrition and Dietetics	Food Product Development and Testing	Heal U Healthcare, Punjab	10000

Biotechnology	M.Sc Project	Bharathidasan University	10000
Geology	Hydrogeological Technical Report	Global Mining Solutions	20000
<a href="#">View File</a>			

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Commerce	Marketing Consultancy Service	M/S Pyramid Formulation Private Ltd. A Pharmaceutical Company functioning at ni 10 CTO Colony 1st Street Alagapuram Salem - 636004	10000	0
Nutrition and Dietetics	Food product development and testing	Heal U health care	10000	0
Biotechnology	Fabrication and Characterization of silver nanoparticles using plant extract and its biomecidal applications	Bharathidasan University	10000	1
No file uploaded.				

### 3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
YRC	Periyar University	1	15
Tree plantation	REEDS	2	20
Awareness Programme on Measles Immunization	Periyar University, Salem-11	5	68
NSS	Periyar University	1	22
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#### 3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NATIONAL GIRL CHILD DAY	ACTIVE PARTICIPATION	SOUTHERN RAILWAYS SALEM	40
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharath	NSS, Periyar University, Salem-11	Cleaning of Shanmugam Nagar Park at Gorimedu	5	68
Swachh Bharat	NSS Salem City Corporation	Cleaning work at Children Park in Salem city Corporation on 22.02.2020	8	50
Environmental Club	Dept. of History	Planting Sapplings	3	21
Swachh Bharat	Periyar University	Nethimedu Manianoor Salem Area Cleanup Work dated: 01-02-2020	10	57
Department Development	Department of Chemistry	Maintaining the Chemistry Block as Clean and green campus	2	23
<a href="#">View File</a>				

### 3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Collaborative Project	Dr.R.Parimalavalli	UGC-UKIERI	1095
Visiting Scientist Programme (Canada)	Dr. Ravishankar Palanisamy	Periyar University	90
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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	Duration From	Duration To	Participant
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		with contact details			
Internship	Project Work	Centre for Water Resources and Development and Management, (WRDM), Kozhikode, Kerala	13/01/2020	31/03/2020	1
Internship	Internship	IIT Madras	06/02/2019	23/06/2019	7
<a href="#">View File</a>					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Global Medical Education and Research Foundation, Lakdikapul, Hyderabad	11/12/2019	Student exchange for Internship	4
BRNO University of Technology, Central European Institute of Technology, VAI no-: CZ00216305, Purkynova 123, 612 00 Brno, Czech Republic	16/07/2019	Collaborative Research	2
Sree Jayasree Food Products, Salem	29/06/2020	Skill based training, education and research	1
ACME, Salem. India	07/01/2019	Implementation of Student Exchange Programme	5
Seragen Biotherapeutics Private Limited, HSR Layout, Bangalore.560102	01/10/2020	Research	9
<a href="#">View File</a>			

## 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
278	237.93

#### 4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Newly Added
Seminar Halls	Newly Added
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Classrooms with Wi-Fi OR LAN	Newly Added
No file uploaded.	

#### 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
NirmalsPro Software	Fully	3.2.0	2006

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	86470	40364347	2450	2598617	88920	42962964
Reference Books	7167	32301500	270	2268721	7437	34570221
e-Books	Nil	Nil	74	494100	74	494100
Journals	281	15765659	11	1851111	292	17616770
Digital Database	1	2310942	Nil	356422	1	2667364
CD & Video	2713	9600	Nil	Nil	2713	9600
Library Automation	3	675979	Nil	Nil	3	675979
Weeding (hard & soft)	1	391800	Nil	Nil	1	391800
Others(s pecify)	7013	Nil	Nil	Nil	7013	Nil
No file uploaded.						

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

Name of the Teacher	Name of the Module	Platform on which module	Date of launching e-
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		is developed	content
NIL	NIL	NIL	Nil
No file uploaded.			

#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	681	27	1192	61	1	43	577	1024	0
Added	232	0	87	0	0	19	213	0	0
<b>Total</b>	<b>913</b>	<b>27</b>	<b>1279</b>	<b>61</b>	<b>1</b>	<b>62</b>	<b>790</b>	<b>1024</b>	<b>0</b>

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

1024 MBPS/ GBPS
-----------------

##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Computers with Editing Software, Video Camera, Studio Shared, Head Phone, Audio Speakers,	<a href="https://www.periyaruniversity.ac.in/e-con.php">https://www.periyaruniversity.ac.in/e-con.php</a>

#### 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
97	92.29	107	83.26

##### 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)

All the departments have been given necessary infrastructures/ facilities to conduct classes in person as well as online during COVID19 pandemic time. Department offices under the supervision of concerned Head of the Departments maintain the Class rooms, Laboratories, Seminar Halls, Computer Centres, Museum, Departmental Library, Furniture and Teaching Aids in respective departments. Centre for Instrumentation and Maintenance Facility (CIMF) provide necessary support in maintenance of the instruments/ equipment in the University and Departments. The classrooms are utilized for conduct of classes to PG, M.Phil and Ph.D., students. Besides, the classroom are utilized for training of students towards skill development, conduct of coaching classes for competitive examination, special lectures, contact classes for Distance Education and other meetings. This is the general procedure followed for maintenance and utilization of the classrooms. An Executive Committee headed by the Registrar along with Deputy Wardens as members maintain the Hostels for PG Students and Research Scholars. University Estate Office undertakes renovation and repair work of the University and Department buildings. Estate Office maintains the infrastructure. Library is fully computerized using an integrated



multi-user library management system. University Library has various sections for Reference, Text book, Books for competitive examinations, Theses Dissertations, Back Volumes, Reprographic, Question Banks etc. Library has collections of e-books, Journals besides digital Library with E-Learning Facilities like NPTEL and DELNET. Internet facilities viz. Local Area Network, and Wi-Fi are provided by the University Computer Centre along with the maintenance of University website. High Performance Computing System (HPC) established at the Centre helps faculty members of the University to run their programmes/models with huge/large data sets and execute their research work/analysis remotely with the help of secluded cloud. Internet Centre provides students access to e-mail, browse data, download research and course materials. University has established Wi-Fi facility for faculty, staff and students 24X7 through out the year. Career Guidance and Placement Cell is responsible for organizing Training and Placement Programmes for students with the support of departments and industries. Department of Physical Education organises sports events for the students of University departments and its affiliated colleges. Besides, it provides facilities and hosts tournaments for University and College students at regional and national level viz. Inter University Handball, Kabaddi, Football and Badminton tournaments. It also organises Sports events for the rural youth in and around Periyar University. Some of our students regularly participate in All India Inter-University competitions and also secured Central and State Government jobs through sports quota. Periyar University has been sanctioned seven Crores by Government of India for making of Synthetic Athletic Track as part of "Khelo India" - a National programme for development of sports. Periyar University is proud in shaping the future of rural youth of our region in National and International Sports events e.g. Mr. T. Natarajan in Cricket Mr. Mariyappan Thangavel - Paralympic Sports athlete who won gold medal in 2016. University encourages the students to actively participate in Sports and Cultural activities.

<https://www.periyaruniversity.ac.in/Policies.php>

## 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	URF and Free Education Scheme	159	8856108
Financial Support from Other Sources			
a) National	1.Fellowships, 2.Post Matric Scholarship Minorities CS, 3.Central Sector Scheme, 4.BC/MBC Matric Scholarship, 5.SC/ST Post Matric Scholarship	1374	52365912
b)International	Nil	Nil	Nil
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability	Date of implemetation	Number of students	Agencies involved
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enhancement scheme		enrolled	
One day Workshop on Medical Informatics	11/11/2019	39	Biozone Research Technologies Pvt Ltd, Chennai Ph: 044 22250952, 91 9952912012 Email: biozone.info@gmail.com
Student Induction Programme	01/07/2019	35	Student Induction Programme Committee, Periyar University, Salem-11
Remedial Coaching	26/08/2019	15	Faculty, Department of Nutrition and Dietetics, Periyar University, Salem-11
Personal Counselling and Mentoring	01/07/2019	68	Faculty, Department of Nutrition and Dietetics, Periyar University, Salem-11
<a href="#">View File</a>			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2020	NET/SET coaching	33	40	Nil	6
2019	TNPSC/UPSC Exam Coaching	250	1071	1	1
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
10	10	15

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations	Number of students	Number of students placed	Name of organizations	Number of students	Number of students placed

visited	participated		visited	participated	
Shield Institute of Communicative English, Salem	259	73	Green Chem, 2030, 1st Cross Rd, HAL 2nd Stage, Kodihalli, Bengaluru, Karnataka 560008	1	1
<a href="#">View File</a>					

#### 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
2020	1	Ph.D	Biochemistry	Periyar University	Post Doctoral fellowship
2020	1	M.Sc	Biochemistry	periyar University	M.Phil
2020	1	M.Sc.	Biochemistry	National Central University, Taiwan	Ph.D
2020	1	M.Sc	Biochemistry	CFTRI, Mysore	Ph.D
2020	1	M.Sc.	Biotechnology	Periyar University	M.Phil
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#### 5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	25
No file uploaded.	

#### 5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Volleyball	Inter Department Level	100
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### 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	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	ALL INDIA	National	1	Nil	19BAE033	NAVEEN KUMAR.V

	INTER UNIVERSITY (SILVER MEDAL)					
2020	ALL INDIA INTER UNIVERSITY (GOLD MEDAL)	National	1	Nil	19PBA043	B.GAURAV YADAV
2020	ALL INDIA INTER UNIVERSITY (GOLD MEDAL)	National	1	Nil	19UCA75	P.SIVA S UBRAMANIYA N
2020	ALL INDIA INTER UNIVERSITY (GOLD MEDAL)	National	1	Nil	19UGENG055	P.ANUSHIYA PRIYADARSH INI
2020	ALL INDIA INTER UNIVERSITY (BRONZE MEDAL)	National	1	Nil	19BAE033	NAVEEN KUMAR.V

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students representatives are selected for each class every year in PG and M.Phil programmes. The issues concerning them on academics/personal are brought to the knowledge of Head/Faculty for solution by the students representatives actively take part in many academic and administrative Committees viz. IQAC, Anti Ragging, Student Welfare, Board of Studies etc. Numerous activities through NSS, NCC, and Youth Red Cross are carried out by the students. Their role in creating awareness among general public on societal issues besides collection and distribution of relief material during calamities and pandemic are praiseworthy.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Periyar University Alumni Association (PUAA) was registered under Tamil Nadu Societies Act 27 of 1975 with registration No. 142/2011 dated 14.06.2011. Alumni association promote alumni relationships by organizing events, maintaining database, publishing newsletter and fostering alumni visits to campus. A number of alumni have visited the campus and given lectures to students both on technical and general topics. Besides, they contribute through donation, by sponsoring programmes, offering jobs and extending support/assist in internships and scholarships. Recently, four hundred books have been donated by alumni to the University library. COVID19 crippled alumni engagements in the

Campus, however online interactions increased during this pandemic time.

5.4.2 – No. of registered Alumni:

838

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

532601

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Incharges Meeting -26.04.2019 Alumni Incharges Meeting -29.01.2020

## **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)

Administrative: Periyar University has various administrative, academic and research committees for its smooth functioning and better outreach of day to day activities. Administrative officers and Faculty members are appointed as the members of various committees viz. Syndicate, Syndicate sub-committee, Finance Committee, Planning Board, Standing Committee on Academic Affairs, Board of Research Studies, Board of Studies, Centre for Technical and Academic Writing, Centre for Computing, Centre for Instrumentation and Maintenance Facility, Centre for Value Education, Women's Studies Centre, Centre for Civil Services and UGC-NET Coaching, Centre for Geo-informatics and Planetary Studies, Centre for Students Welfare, Intellectual Property Rights Cell, Internal Quality Assurance Cell, Career Guidance and Placement Cell, Students Counselling and Grievance Redressal Cell, Fine Arts Club, Anti-Ragging Cell, Anti-Sexual Harassment Cell besides Building Committee, Applications Scrutinizing Committee, Fee Revision Committee, Prospectus Revision Committee, Examination Reforms Committee, Purchase Committee, Library Advisory Committee etc. The Publication division of the University publishes the quarterly News letter (Periyar University News Letter) of the University. Academic: Student support and academic activities are decentralized by dividing the University into 8 Schools 27 departments are managed by respective Deans, School Co-coordinators and Head of the Departments besides 33 Centres supporting student activities. The Head and Faculty members discuss matters related to time-table, maintenance of laboratory, sophisticated equipments, research projects, Industrial visits, Field work etc. Department meetings are conducted at regular interval and the meetings were chaired by Hon'ble Vice Chancellor besides Faculty and Staff meetings are being held in the beginning of the semester academic year. These meetings provide opportunity for constructive discussion on the matters related to the effective functioning of the institutions and welfare of faculty, staff and students. In each Department the academic and administrative works are distributed among faculty members with establishment of committees, appointing Coordinators/In-charges for the smooth functioning of departments. The department office support faculty members and students in organizing class room and laboratory activities besides supporting students for online registration for examination, facilitating various scholarship schemes, obtaining various certificates, placement, competitive exams viz.NET/SET and civil services, field visit, industrial visit, training programmes, sports activity etc.

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

Yes

### **6.2 – Strategy Development and Deployment**

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

Strategy Type	Details
Research and Development	Ten(10) Departments received special status from UGC/SAP(DRS-I II), DST-FIST. They are as follow: SAP-II : Computer Science SAP-I :Mathematics, Chemistry, Journalism and Mass Communication FIST: Biotechnology, Geology, Food Science Mathematics, Microbiology, Physics
Examination and Evaluation	The continuous assessment tests are conducted at regular intervals and the students are assessed on the basis of written tests, seminar presentations and assignments.
Teaching and Learning	The University conducts periodic training programmes adopting new technologies of ICT to better equip the teachers to have Computer and internet access. Internet facilities are made available to researchers, academics, students and administration to use information and communication technologies.
Curriculum Development	Student feedback, Alumni feedback, External experts from Industry and Institutes in Board of Studies, Curriculum revision to meet the industry demands.

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

E-governance area	Details
Planning and Development	University purchases all required items through Government - e Market(GEM), Funds received from funding agencies are managed through the Public Financial Management System (PFMS), tender announcements and tenders were received online for purchase of equipment / consumables / furniture.
Administration	University Website is regularly Updated. University Website is having separate portal for Teaching and Non-teaching viz. Employee Portal, Leave Portal, Pay Slip, Faculty Information System, Income Tax Services
Finance and Accounts	Finance section is fully automated viz. Finance Management System. Salary Pay slip, Income Tax services
Student Admission and Support	Admission of students are done through Student Management System. All payments related to students are also

	done through online.
Examination	After Automation, Examination section receives payments through online mode. Examination Time Table and the results are declared online and through SMS.

### 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
2019	Dr.V .R. Palanivelu	Institutional Member	Institutional Member in Confederation of Indian Industry (CII) , Chennai.	17000
2019	Mr. S. Sathish	National Workshop on Cyber Foresics and Cyber Security - UGC - SAP (DRS - II)	UGC - SAP	2050
2019	Prof. S. Kannan	95th Anniversary Celebration of National Pingtung University of Science and Technology -cum- Global Impact Summit 2019 National Pingtung University of Science and Technology, Pingtung , TAIWAN November 21st to 24th, 2019	Tamilnadu State Council for Science and Technology	20000
2019	Dr. N. Kayalvizhi	95th Anniversary Celebration of National Pingtung University of Science and Technology -cum- Global Impact Summit	Tamilnadu State Council for Science and Technology	19500

2019 National  
Pingtung  
University of  
Science and  
Technology,  
Pingtung ,  
TAIWAN  
November 21st  
to 24th, 2019

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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	Faculty Development Program	Workplace Productivity	24/06/2020	30/06/2020	48	25

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course (Educational Technology)	1	06/12/2019	19/12/2019	14
Refresher Course in Environmental Studies	1	06/02/2020	19/02/2020	14
FDP-Essential Tools in E-Content Development	2	24/06/2020	30/06/2020	7
Faculty Development Programme on Recent Trends in Research Methodology, E-Content, Mathematical and Statistical Methods in Open Education	1	17/12/2020	23/12/2020	7



World, University of Delhi, Delhi				
Online Refresher Course in Management	1	01/09/2019	16/01/2020	112
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	Nil	22	22

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Best Teachers award, Support for attending International Conferences, Health Camps, COVID-19 Sanitisation measures etc.,	Appreciation award and cash prize to the wards of Non-teaching staff (10th and 12th standard), Post Graduate admission in the University Departments for the wards of the non-teaching staff on priority basis, Health Camps	Free boarding and lodging for the meritorious rural poor students and waiver of fees

**6.4 – Financial Management and Resource Mobilization**

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

The local Fund audit conducts audit for all kinds of accounts operating by the University, especially, for the various departments functioning within the university, PG Extension Centre and Constitution Colleges of Periyar University. Moreover, every year issues an Audit Report and Statement of Annual Accounts promptly. Besides, the Principal Accountant General of India inspects the Annual Accounts of the University and issues the Audit Slip in case of any objection raised. The Local Fund Audit objections properly enquired and settled through the Audit Joint Sitting Meeting with the Local Fund Audit section. All the reply and rationality properly communicated to the Principal Accountant General for settlement of paras.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Union Bank of India (CSR Grant), Donations from faculty members,	79500	Seminar, Garden benches
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

567026680

**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	No	Experts from Other Universities	Yes	IQAC, Deans
Administrative	Yes	Experts from Other Universities	Yes	Local Fund Audit

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

University promotes autonomy in the affiliated/constituent colleges by encouraging them to apply and renew their autonomous status. Honourable Vice-Chancellor convenes the meetings of the Principals of Colleges at regular interval and motivates them to plan for making their colleges autonomous. Faculty members are appointed as University representative in the Academic Council of affiliated colleges. They support, guide and encourage colleges to become autonomous institutions. Principals/Faculty of affiliated colleges were made members of Standing Committee on Academic Affairs (SCAA), Senate etc. in which they address the issues concerning to them.

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

- Parent-Teacher Association (PTA) meetings are held at department level regularly
- PTA meet discusses the issues and performance of students.
- Improving the academic and residential facilities besides opportunities available for students

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

- Faculty and Staff Development Programs (7 days Each)
- Health Centre, Co-operative Store and Bus Facility
- Revision of salary to temporary Staff

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

- Participation in NIRF, ARIIA and AISHE Survey.
- Outcome Based Education (OBE), Value Added and MOOC online Courses
- Examination Reforms include Change in Question Pattern, online Registration,
- Announcement of Examination results through web and SMS
- Conduct of Ph.D. Viva and Classes Online due to COVID19 pandemic.

6.5.6 – Internal Quality Assurance System Details

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

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	IQAC Meeting	30/09/2020	30/09/2020	30/09/2020	21
2020	IQAC Meeting	25/06/2020	25/06/2020	25/06/2020	20

2020	IQAC Meeting	12/02/2020	12/02/2020	12/02/2020	37
2019	IQAC Meeting	29/07/2020	29/07/2019	29/07/2019	12
2019	Administrative Audit	31/07/2020	31/07/2019	31/07/2019	61
2019	Action Taken on Academic and Administrative Audit by Honourable Vice Chancellor	04/10/2020	04/10/2019	04/10/2019	100

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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Workshop on Gender Sensitization for women cell members of affiliated colleges/ Constitution Colleges/ PG Extension Centre	28/01/2020	28/01/2020	86	1
Gender vs Entrepreneurship	29/08/2019	29/08/2019	36	2

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

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

As part of the sustainable and alternative energy initiatives, the following measures are undertaken: i) Street lights of the Campus are converted into LED lights. ii) Eco-friendly and energy efficient transformers are installed. iii) New 300 KVA roof top solar plants are to be installed. iv) Solar water heaters are installed at students' hostel and guest house. v) Biogas plant is installed in the Campus to tap the energy from food waste. vi) 'Windmill' with 1KVA is installed near Science Block - 1 to tap wind power. Presently about 2 percentage of energy requirement is met through Biogas plant, Windmill, Ecofriendly and energy efficient transformers. Recently, University has undertaken the project through Tamil Nadu Energy Development Agency (TEDA) for the installation of Solar Plant with the capacity of 300 KVA which shall meet 70-80 percentage of power requirement of the University.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	24
Provision for lift	Yes	24
Ramp/Rails	Yes	24

#### 7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
Nil	Nil	Nil	Nil	Nil	NIL	NIL	Nil
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#### 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
NIL	Nil	NIL

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
National Webinar on State of Art of Agriculture in India	23/07/2020	23/07/2020	120
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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Hazardous waste: Waste is an obvious culprit and pollutant, contributing to landfills and toxins which harm the earth's soil and atmosphere. Keeping this in mind, the waste material in Department is segregated into biodegradable and non-biodegradable wastes, and as toxic and non-toxic wastes in the laboratories. Indiscriminate use of chemicals is discouraged during practical classes. The Department does not use radioactive substances in their laboratories.

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

**Best Practice (i):** 1. Title of the Practice • Sustainable Practices for Clean and Green Campus 2. Objectives of the Practice: • To minimize the waste generation and recycling of waste water. • To avoid pollution, waste management and improve the ground water recharge. • To increase the green cover and promote biodiversity. • To utilize the renewable energy. • To create environmental and health awareness. 3. The Context: • A clean and pollution free environment provides a good atmosphere for learning. Minimization of resource utilization and waste generation are the major challenges in the practice of maintaining clean and green environment. In order to achieve this, environmental awareness and sustainable green practices are the need of the hour. 4. The Practice: • Waste management: Recycling of waste water in the campus is done through primary Sewage Treatment Plant (STP) with the capacity of 120 Kilo litres per day. The treated water is used in the gardens and lawns

of University. As part of 'Plastic Free Campus' initiative, plastic recycling machines are installed. • Green cover: About 90 percentage of open space is covered by sapling of plants besides green gardens, lawns and flower beds. • Student's participation: Students and NSS volunteers are actively participated in "One Student One Tree" program and maintenance of plants. • Water harvest: Rain water harvesting is done to increase the ground water level. • Use of renewable energy : To save electricity, solar water heaters are installed at students' hostel and guest house. Street lights of the campus are replaced with LED lights, new ecofriendly/energy efficient transformers are installed and 300 KVA roof top solar plants are to be installed. • Awareness Programme: Awareness programmes for green campus, entrepreneurship, Village Adaptation, Health Awareness programmes including Covid-19 Awareness was done at regular interval.

Best Practice (ii) 1. Title of the Practice: Creating awareness to Rural Society. 2. Objectives of the Practice: • To create awareness on UN Sustainable Development Goals (SGDs) • To generate sensitivity on the importance of quality education and ensure equality in women education • To create awareness among students about self-hygiene and sanitation • To ensure cleanliness inside the University campus and hostels • To promote/improve basic amenities, water management and organic farming. 3. The Context: • Rural society is the spinal cord and soul of our nation and it is very important to adopt villages to provide quality education and create awareness on the key issues of SDGs. • Main-streaming rural society through awareness and educational programmes is need of the hour. • Improve the basic needs and create awareness on environmental practices. • Enable students to develop their skills to make them successful in achieving career and acquiring higher education. • Education and awareness can bring significant improvement in students hence it is being successfully involved in engagement of rural society in the form of outreach activities. 4. The Practice: • Skill development and significance of social well-being programmes are conducted at regular interval for the benefit of rural students. Career guidance was given to rural youth. • Training cum regular programmes are conducted for University students on skill development, conduct of coaching classes for competitive examination and special lectures to horn their skills. • Knowledge on water conservation, minimal usage electricity, use of plant and earthen materials are encouraged in order to maintain Greener earth. • Basic health maladies such as level of haemoglobin, blood pressure and diabetic were screened among rural adolescent women. • The technical know-how of artificial jewellery making was conducted for women self-help group (SHG) members. Anti-corruption rally was conducted in villages in order to create awareness on corruption. • Developing and supporting 'Miyawaki' Plantation inside and outside the Campus. 5. Evidence of Success: • More students undertake higher education. • The youth in villages obtained knowledge on higher education and more girl students joined higher studies and research programmes. Periyar University Gross Enrolment Ratio is 64.38. • Periyar University has collaborated Smart city initiatives of with Economic research institutes for ASEAN and East Asian Nations to make possible the seamless merger of the technology in intelligent infrastructure creation especially textile, automobile and education sectors. • The technical know-how of artificial jewellery making was conducted for women self-help group members. • Gender sensitization workshop was conducted for women cell co-ordinators and members of all affiliated Colleges under Periyar University to ensure the modules of gender equality and equity. • Distribution of E-Learning kits to Government Schools by Rotary International District 2982 to the villages in Periyar University region as part of District Literacy Project on "World Literacy Day". 7. Problems encountered : • Challenges were encountered during COVID 19 Pandemic however Institution took necessary measures in maintaining social distancing, checking body temperatures, providing hand sanitizers, masks and distributed "Kaba Sura Kudineer" besides complete sanitization done in the entire campus viz. Labs, Hostels, offices, class rooms, faculty rooms and

meeting halls. • Gist of deliberations made information shared by the resource persons from various sectors through webinars and on-line participatory practices during lock-down.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.periyaruniversity.ac.in/Documents/2021/IOAC/bestpractices.pdf>

### 7.3 – Institutional Distinctiveness

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

UKERI : ACADEMIC COLLABORATION AGREEMENT BETWEEN PERIYAR UNIVERSITY, SALEM, TAMILNADU, INDIA, AND UNIVERSITY OF HERTFORDSHIRE, HATFIELD, LONDON, UK. (1) UNIVERSITY OF HERTFORDSHIRE HIGHER EDUCATION CORPORATION whose administrative offices are at College Lane, Hatfield, Hertfordshire, AL10 9AB (hereinafter "Lead University") and (2) PERIYAR UNIVERSITY whose administrative offices are at Palkalai Nagar, Salem, Tamil Nadu, 636011 India (hereinafter "Collaborating University") The Project entitled ACCESS TO LAND -IMPLICATIONS OF CUSTOMARY AND PRIVATE LAND RIGHTS FOR FOOD SECURITY The duration of the project: 3 years March 2017 to March 2020 The funding bodies for this project: United Kingdom and India Research Education Initiative University Grants Commission Some preliminary research findings have already been obtained and these were presented at the 2nd Stakeholders Meeting held on 12 July 2019 at the Salem Collectorate, hosted by the head of the District Rural Development Agency, Mr. Aruljothi Arasan. Some of the important preliminary findings include the followings: 1. The most prevalent form of food insecurity is related to lack of food diversity and low nutritional quality in food intake. This problem affects around 25 percentage of the rural population. Lack of food diversity and low nutritional intake results not only in low energy intake but also calcium, iron, and Vitamin B deficiency. 2. Food insecurity in the form of hunger or vulnerability to hunger is more of a work-related problem (i.e. skipping meals for work), affecting around half of the rural households. 3. Food insecurity in its different forms is most widespread amongst landless households and agricultural workers and least prevalent amongst larger landholders with 5-plus acres and those in non-agricultural employment. Shift to annual cash crops such as sugar cane is negatively affecting the availability of agricultural employment opportunities. Very low wages, especially for female agricultural workers (around Rs.200/- per day), is a major factor for food insecurity. 4. PDS is a successful scheme in preventing hunger to a large extent. There is scope for the composition of food items included in the rations to be reconsidered in order to ensure that PDS not only helps with the eradication of hunger but also contributes to increasing the nutritional intake. 5. For poorer households, diversification of livelihood activities, especially by creating job opportunities in the non-agricultural sector, will have greater potential to significantly enhance their food security.

Provide the weblink of the institution

<https://ukieriperiyar.wordpress.com/author/ukieriperiyar/>

### 8.Future Plans of Actions for Next Academic Year

• Preparation and submission of AQAR, SSR as per the guidelines of NAAC. • Submission of IIQA and completion of draft SSR for NAAC Reaccreditation. • Participation in ARIIA, NIRF and AISHE. • Conduct "Academic and Administrative Audit - (AAA)". • University has undertaken a project through Tamil Nadu Energy Development Agency (TEDA) for the installation of Solar Plant with the capacity of 300 KVA • Making of New Synthetic Athletic Track at the cost of 10 Core ( as part of "Khelo India" programme ) • Increase in admission of students for the UGC-



DEB courses • Organise more activities/ programmes related SDGs. • Encourage the use of alternate energy resources and conduct of Energy Audit • Follow up action/ Action Taken Report on feedback from Stake holders. • Automation/ E-governance and Upgrading of Management Information System • Introduce more Value Added Courses (VAC) and MOOC Online Courses • Revision of syllabus and update it in the Website • Increase green cover in the Campus and maintenance of trees and garden. • Encourage the use of plant, earthen materials and avoid the use of plastic. • Acceleration of recycle and reuse of water in the campus. • Organize Training for 'School Teachers and Students' directly or virtually. • Increase FDP for teachers of University and affiliated colleges. • Continue to invite eminent scholars and luminaries for "Faculty Lecture Series" • Encourage Industrial Visits/ Training/ MoUs/ Sponsored/ Consultancy projects. • Conduct of intensive Training programmes for competitive examinations. • Increase of free ships, travel assistance to faculty and students • Encourage Colleges to provide financial assistance through "Free Education Scheme" • Increase programmes/ projects under "Village Adoption Scheme". • Sustainable effort to improve GER of women students. • More FDPs to Faculty members in use of ICT tools and development of e-contents.