



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution		PERIYAR UNIVERSITY
• Name of the Head of the institution		Prof. Dr. R. JAGANNATHAN
• Designation		Vice Chancellor
• Does the institution function from its own campus?		Yes
• Phone no./Alternate phone no.		04272345161
• Mobile no		9443889891
• Registered e-mail		vcperiyar@gmail.com
• Alternate e-mail address		vc@periyaruniversity.ac.in
• City/Town		Salem
• State/UT		Tamil Nadu
• Pin Code		636011
2.Institutional status		
• University		State
• Type of Institution		Co-education
• Location		Rural
• Name of the IQAC Co-ordinator/Director		Prof. Dr. R. VENKATACHALAPATHY

• Phone no./Alternate phone no	04272345778
• Mobile	9442105151
• IQAC e-mail address	puiqac@gmail.com
• Alternate Email address	rvenkatachalapathy@gmail.com
3.Website address (Web link of the AQAR (Previous Academic Year))	https://www.periyaruniversity.ac.in/aqar.php
4.Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.periyaruniversity.ac.in/Calender.php

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	78	2007	31/03/2007	29/02/2012
Cycle 2	A	3.15	2015	01/05/2015	30/04/2020
Cycle 3	A++	3.61	2021	28/12/2021	27/12/2026

6.Date of Establishment of IQAC

28/05/2010

7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Dr. P. Nazni Professor and Head Nutrition and Dietetics	Research Project	ICMR	February 2021	6,20,860
Dr. E. K. Girija Assistant Professor Department of Physics	Research Project	DST	March 2021	99,90,518
Dr. R. Balagurunathan Professor and Head Department of Microbiology	Collaborative Research Project	DBT	September 2021	44,35,440
Dr. V. Raj Professor and Head Department of Chemistry	UGC-BSR-Mid Career Grants	UGC	July 2020	10,00,000
Dr. S. Kannan Professor and Head Zoology	UGC-BSR-Mid Career Grants	UGC	August 2021	10,00,000

8. Whether composition of IQAC as per latest NAAC guidelines	Yes
<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	View File
9.No. of IQAC meetings held during the year	5
<ul style="list-style-type: none"> • The minutes of IQAC meeting and compliance to the decisions have been 	Yes

<p>uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)</p>	
<ul style="list-style-type: none"> (Please upload, minutes of meetings and action taken report) 	<p>View File</p>
<p>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</p>	<p>No</p>
<ul style="list-style-type: none"> If yes, mention the amount 	
<p>11. Significant contributions made by IQAC during the current year (maximum five bullets)</p>	
<p>Board of Studies Meeting for review and update of Syallbus based on OBE Feedback Analysis and Student Satisfaction Survey. Environment and Energy Audit and Follow-up NAAC SSR Review and Submission of SSR SDG Committee Meeting</p>	
<p>12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</p>	
<p></p>	

Plan of Action	Achievements/Outcomes
Strengthening of IQAC	IQAC was made proactive in quality enhancement measures
Support to affiliated Colleges in Accreditation and Ranking Process	University is mentoring and guiding the Colleges for accreditation process
Training of Students on foreign languages	Training on Japanese languages was initiated
Feedback report of stakeholders	ATR of feedback analysis
Preparation and submission of IIQA	IIQA was submitted on 24/03/2020 and Approved on 25/04/2020
Preparation and submission of SSR to NAAC	SSR was submitted to NAAC on 27/07/2021
Preparation and submission of AQAR 2019-20	AQAR 2019-20 was submitted on 12-01-2021 received Acceptance on 27-01-2021
Improvement of Sports facilities	Synthetic tracks at Rs.9.66 crore Under Khelo India Project
Green campus initiatives	Miyawaki plantation with 1,400 trees and Creation Oxygen Park
Renewable Energy/ Energy use efficiency	Solar plants of 302 kW capacity was installed
Solid waste management system	Plastic free campus and Sewage treatment plant was established

13. Whether the AQAR was placed before statutory body?

No

- Name of the statutory body

Name	Date of meeting(s)
Syndicate Approval to be taken in the forthcoming meeting	24/03/2022

14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it

No

to Assess the functioning?

15. Whether institutional data submitted to AISHE

Year	Date of Submission
2020-2021	23/03/2022

16. Multidisciplinary / interdisciplinary

Periyar University aspires to develop a comprehensive futurist educational experience that draws on various forms of knowledge and tackles the depth and breadth of the human intellect. University follow multidisciplinary and interdisciplinary approaches in both curriculum and research. In order to promote the interdisciplinary approach, 9 schools viz. School of Biosciences, Life Sciences, Mathematics, Physical Sciences, Business Studies, Languages, Professional Studies, Social Sciences and Energy and Environmental Sciences have been formed. In each school, two to three departments were clustered together to conduct research, learning and extension activities. The University is engaged in a multifaceted research approach that spans several departments, including Computer Science, Physics, Biochemistry, Biotechnology, Food Science and Nutrition, Microbiology, and Chemistry, with a primary focus on human health research. This unique multidisciplinary approach, cutting across the virtual boundaries of science, encompassing physical, chemical, biological and computational sciences, has enabled a targeted approach towards translational research in health sciences, a distinct feature, very rarely observed in Indian Universities.

17. Academic bank of credits (ABC):

The Academic Bank of Credits (ABC) platform was initiated by Periyar University based on the guidelines of University Grants Commission/ Ministry of Education, Government of India. The Academic Bank of Credits (ABC) was established on the lines of the National Academic Depository (NAD), in this sense, NAD is the backbone of ABC, where the students' academic data are held and academic awards are stored (i.e. storehouse of academic awards).

The University has organised orientation programmes on "Academic Bank of Credits (ABC)" to sensitise the students and research scholars of University departments and Colleges affiliated to Periyar University. Faculty members were nominated for each University department and College to facilitate the registration process.

The students of Periyar University departments have registered for

the Academic Bank of Credits (ABC), which enables the students to register or commence credit transfer, the final outcomes of credit redemption and issuance of certificates, as well as the compilation of award records, is administered by academic institutions via the NAD Platform.

The NAD Cell of Periyar University is undertaking necessary steps for the enrolment of students and establishing student's academic accounts in DigiLocker.

18.Skill development:

Periyar University is actively engaged in imparting skill education to the students at undergraduate, post graduate and research levels. The university is relentless on its march towards imparting the relevant skills through the different university departments, centres and cells. The curricula have been designed in such a way that it addresses the current requirements of the industry. The innovative teaching-learning pedagogy is adopted for upskilling the students. The core concepts of new designs, new algorithms, salesmanship and advertisement skills, Entrepreneurial skills and Life-long learning skill have been on the forefront of the university.

The focus area of the university is the Industry 4.0, hackathons, conducting skill related competitions, interpersonal skills, management skills, analytical skills, team building, foreign languages, Talent mapping, Internship, Taxonomy of employability skills, Learning by doing, Multi-disciplinary and critical perspectives.

The university will be the future hub for the transition of career management skills and increasing the employability Full scale research is being conducted at the fundamental and applied levels. The Soft Skills such as communication, time management, interpersonal skills, problem solving, design thinking, constructive criticism are imparted. EDI, DDU-GKY, IIC, incubation centre (BIC@PU), CIMF etc. are available.

19.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Indian Knowledge System is well known and was developed over centuries. Understanding of history, culture, arts, languages and traditions can build a positive vibes and confidence among students. Periyar University had taken several steps to integrate Indian Knowledge System into its curriculum in possible ways so as to

ensure quality and equitable education for all students. It offers yoga as a common paper under value education in its curriculum to the undergraduate students with the objectives viz. to understand physical body and health concepts, to have the basic knowledge on simplified physical exercises and asanas and meditation, to introspect and improve the behaviours, to inculcate cultural behavioural patterns. University departments viz. Education, Journalism and Mass Communication, Environmental Science, Food Science, Textiles and Apparel Design offer yoga as a course in their curriculum with the practical sessions organised through the Yoga Centre which allows the students to improve their physical fitness and mental health. Besides, the Yoga Centre offers yoga training to students, staff and faculty members. Further, it is planned to adopt online courses on Indian Knowledge System to enable the students to understand the values and ethics in life, which are crucial for personal and professional success.

20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

OBE is based on each part of an educational system around outcomes. By the end of the educational experience, each student should have achieved the outcomes. There is no single specified style of teaching or assessment in OBE. Instead, classes, opportunities and assessments should all help students achieve the specified outcomes.

OBE can be distinguished from traditional education method in three elements as follows theory of education, systematic structure and specific approach. OBE organizes the entire educational system towards what are considered essential for the learners to successfully achieve their goals. OBE focuses on the following skills when developing curricula and outcomes.

- Life skills
- Basic skills
- Professional skills
- Vocational skills
- Intellectual skills
- Personal skills and
- Interpersonal skills

In this system, students are given grades and rankings compared to each other. Content and performance expectations are based primarily on what was taught in the class. The goal of OBE education is to present the knowledge and skills to the students.

The focus on outcomes must concentrate on the student's needs. OBE

does not specify a specific method of instruction; teacher is free to teach the student using any method. It is meant to be a 'student - centric learning' model.

21.Distance education/online education:

The Periyar University has established a directorate for distance and online education, namely, Periyar University Centre for Online and Distance Education (PUCODE - formerly PRIDE) in the academic year 2001-2002. Since its inception, the PUCODE has made rapid strides in providing quality education to cater the needs of working professionals from economically and socially backward students of Salem, Namakkal, Dharamapuri and Krishnagiri Districts. PUCODE adopts three cardinal principles of higher education such as Access, Equity and Quality in offering programmes at Post Graduate, Under Graduate, Post Graduate Diploma, Diploma and Certificate levels. The PUCODE provides better and broader opportunities to the students who would like to enhance their knowledge, skill set in their interested domain. It provides opportunities to learn the programmes at their convenience, at an affordable cost and at their own pace. The PUCODE extends students friendly services like delivering contents via Learning Management Systems (LMS) using modern technology, to enable the students to write their exams wherever they are by proctored examinations. Offering Quality content both in printed and e-text forms, timely examinations and certification are the uniqueness of the PUCODE. The centre actively supports the University in fulfilling its vision and goals effectively.

Extended Profile

1.Programme

1.1	65
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Number of programmes offered during the year:

1.2	27
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Number of departments offering academic programmes

2.Student

2.1	1926
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Number of students during the year

2.2	869
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Number of outgoing / final year students during the year:

2.3	1926
Number of students appeared in the University examination during the year	
2.4	0
Number of revaluation applications during the year	
3.Academic	
3.1	1446
Number of courses in all Programmes during the year	
3.2	148
Number of full time teachers during the year	
3.3	170
Number of sanctioned posts during the year	
4.Institution	
4.1	1373
Number of eligible applications received for admissions to all the Programmes during the year	
4.2	857
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
4.3	83
Total number of classrooms and seminar halls	
4.4	953
Total number of computers in the campus for academic purpose	
4.5	1005.47
Total expenditure excluding salary during the year (INR in lakhs)	
Part B	
CURRICULAR ASPECTS	

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

Periyar University offers programmes that are designed to cater to the local, national, regional and global developmental needs. We adopt academically flexible Choice Based Credit System (CBCS) and the Board of Studies (BoS) revamps the curriculum from time to time with the endorsement of Standing Committee on Academic Affairs (SCAA). The University offers traditional, trend-setting and technology-oriented programmes. The western region of Tamil Nadu has a cluster of industries in textiles, agricultural inputs, leather industry, paper industry, ICT, pharmaceuticals and food product development. Courses relevant to the said industries are integrated into the curricula. National and global initiatives such as Green Energy, Swachh Bharat, Biotechnology Initiatives, GIS, Digital Technology, IIoT, Agricultural Sustainability, Swasth Bharat, and Rural Development were also addressed in the curricula. The University has implemented UGC's Learning Outcome Based Curriculum Framework (LOCF) by adopting an Outcome Based Education (OBE) model. This model makes the curriculum student-centric, interactive and outcome-oriented. The learning outcome focuses on all graduate attributes such as academic knowledge, communication skills, problem-solving, team-work, digital efficiency, moral & ethical awareness and leadership-readiness. These qualities and lifelong learning are captured in metrics and are reflected in the PSOs, POs and COs.

File Description	Documents
Upload relevant supporting document	View File

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

65

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development

during the year

1415

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

67

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

39

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The University emphasizes on human and social values, gender equality, professional ethics, environmental conservation and sustainable development. These form the core of its curricular, cocurricular and extra-curricular activities. Professional ethics is a mandatory component of the curriculum in all the departments of the University. The curriculum emphasizes on ethical practices in human, treatment of animals, business ethics, biosafety, plagiarism, IPR and radiation safety. Gender inequality has been a burning issue from time immemorial. Apart from women oriented courses in Food

Science and Nutrition, Textiles and Apparel Design, the department of Sociology and Education offer exclusive courses related to gender issues, such as, Gender and Society and Women's Education. Human Rights course is a compulsory component of all PG programmes in line with the UGC guidelines. In addition, the Schools of Social Sciences, Professional Studies and Language Studies offer courses like Personality Development, Soft Skills and Social Welfare Economics. Human values and Personal values are imbibed through courses on counseling introduced by the departments of Psychology and Education. To increase awareness among the young community and to ensure the development and utilisation of resources judiciously, the University promotes courses like Environmental Ethics and Energy Conservation.

File Description	Documents
Upload relevant supporting document	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

20

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

574

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

852

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

- All 4 of the above

File Description	Documents
Upload relevant supporting document	View File

1.4.2 - Feedback processes of the institution may be classified as follows

- Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

1242

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

596

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

The University groups students as slow learners and advanced learners based on the six knowledge levels of Blooms Taxonomy. The Institution assesses these learning levels based on the marks obtained in the qualifying degree, entrance examination, Listening Speaking Reading and Writing (LSRW) skills and first Continuous Internal Assessment (CIA). Each academic department conducts special programmes like remedial coaching classes, focused group discussions, for the slow learners. In these special programmes, advanced learners act as mentors to slow learners to improve the latter's academic performance. These activities encourage slow learners to develop their interpersonal skills through participatory and peer learning process with advanced learners.

To motivate the slow learners and increase the learning threshold, the University encourages all students to enrol in SWAYAM courses. Advanced are given special coaching for UGC NET / SET / civil service and other competitive examinations / value added and add-on courses job-oriented skill courses / problem solving research activities. The University offers advanced learners, the opportunities to expose their talents in seminars, field work, material contribution, peer mentoring, organising student events / seminars / workshops / conferences, demonstration session to peers, learning resources documentation, learner templates and manual preparation.

File Description	Documents
Upload relevant supporting document	View File
Link For Additional Information	https://www.periyaruniversity.ac.in/Documents/2022/IOAC/AQAR2020-21/2.2.1.pdf

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
1032	144

File Description	Documents
Upload relevant supporting document	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences

Experiential Learning:

- In the OBE curriculum, students are mandated to gain practical experience through
- industrial visits, field exposures, sharing of real experience by industrial / field experts and visit to research laboratories
- employability and entrepreneurship oriented skill courses affiliated by Sector Skill Councils
- internships in industries and other organisations
- hands on experience on analytical instruments
- enterprise based experiential trainings
- case analysis and portfolios
- psychomotor activities on real life experience
- twenty percent practical in the total credits

Participative Learning: Students are encouraged to do experiments independently in practical classes, create awareness among public through rallies, pamphlet distribution, power point presentation, video lectures, networking through special day celebrations, participating in events / seminars / conferences inside and outside the University. In addition, students have participated in sports events, various co-curricular and extracurricular competitions, boot camps, innovator events. Problem Solving Methodologies: Students in UG and PG degree programmes are mandated to identify problems or issues and are motivated to ideate the best solution through innovative research ideas. Students are vitalised to share their ideas in group discussion / brain storming sessions and tested for their leadership skills, team work, listening ability, confidence and problem solving skills.

File Description	Documents
Upload relevant supporting document	View File

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

All faculty members of Periyar University are enabled to handle classes using University Campus LMS platform and free online accessible platforms such as Google classroom, OpenEdx, Google meet, CiscoWebEx and Microsoft team. Faculty members are encouraged to access MHRD ICT initiatives based e-resources. The University library is empowered with remote access facility for e-Books (141), Online Journals of more than 7,000 volumes in American Institute of Physics (AIP), American Physical Society (APS), Annual Reviews, Cambridge University Press, Economic and political weekly, Emerald, J-Gate Plus, JSTOR, Nature, SAGE journal online, Springer link, Taylor and Francis online.

The University library subscribes DELNET facility to exchange the documents among teaching fraternity of various universities in India. All the faculty members are assigned email IDs with the University domain, which enable them to disseminate teaching-learning materials to the students and are encouraged to create VIDWAN database to expose their expertise. Faculty members are trained to use Microsoft word, spreadsheet, power point and also Google doc, Googlesheet, Google slides and SlideShare to transfer the templates and databases. Google forms, Quizizz, Testmoz and Kahoot online tools are used to conduct online quizzes and data transfer.

File Description	Documents
Upload relevant supporting document	View File

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

144

File Description	Documents
Upload relevant supporting document	View File

2.4 - Teacher Profile and Quality

2.4.1 - Total Number of full time teachers against sanctioned posts during the year

144

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. during the year

143

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

2197

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

2.5 - Evaluation Process and Reforms

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

7

2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

7

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

0

File Description	Documents
Upload relevant supporting document	View File

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

IT Integration in Examination Procedures: The entire examination process is automated, thus speeding up the functional mechanism, making the whole process more transparent and efficient. The Examination Management System (EMS), is configured with self-service portal for students and department heads. It helps in smooth holding of ICT enabled examination process like admission, registration and approval, examination fee payment, hall ticket generation, Continuous Internal Assessment (CIA) mark entries, result publication, mark sheet generation, consolidated grade card, provisional and degree certificate. The answer booklets are barcoded to maintain confidentiality. Results are being sent to the mobile numbers of students through SMS. Published results are also made available in the University website. **Examination Reforms:** Online registration of student details, e-Generation of Hall Tickets, Self-detailed barcoded answer scripts with photograph of the students, Conduct of MCQ test through Google form in CIA, Knowledge level assessment in end semester examination through specially designed questionnaire which includes MCQ in Part A, descriptive questions in

Part C covering K1 and K2 and analytical questions in Part B covers K3 to K5, Entry of CIA and end semester examination marks in EMS Publication of results in University website as well as communication through SMS, WhatsApp groups and E-mail.

File Description	Documents
Upload relevant supporting document	View File

2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

All programmes are mandated to adopt outcome based education (OBE) curriculum as per UGC and AICTE guidelines by specifying Programme Outcomes (PO), Programme Specific Outcomes (PSO), Course Outcomes (CO) and attainable graduate attributes. The outcomes are mapped with University vision and mission (Educational Objectives). The POs and PSOs for each programme of University departments are uploaded in the University website and poster boards are displayed in each classroom to promote its importance. The spelt PSOs and COs are integrated into assessment process by designing a common question paper pattern for the end semester examinations. The external evaluation comprises of MCQ in Part A, descriptive questions in Part C covering K1 and K2 and analytical questions in Part B covering K3 to K5. The course outcomes of all units are equally distributed with proper weightage in the assessment process.

Based on the course outcome attainment percentage, with knowledge competency by each student, the programme outcome attainment is measured. The rubric for CIA is designed for theory, practical, projects, field visits / trials and self-study courses and are proportionated for achieving course outcomes. Thereby, programme

outcomes are achieved and graduate attributes are enriched.

File Description	Documents
Upload relevant supporting document	View File

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

The impact of Outcome Based Education (OBE) is assessed by circulating the predefined proforma to the students. The course outcome attainment is evaluated through a designed matrix for end-semester examinations, student portfolios, research projects and internship reports. The attainment percentage of course outcome by each student and by all students together is evaluated. The content analysis is carried out to assess its difficulty level and the difficulties are reviewed by the Board of Studies and accordingly, the curriculum is redesigned. The percentage attainment of course outcomes is averaged for each course and all courses together in order to calculate the percentage of programme outcome attainment. The course outcome attainment is defined only in terms of end semester examination and the target level is defined as 25% of students scoring more than class average as low attainment, 50% of students scoring more than class average as medium attainment and 75% of students score more than class average as high attainment. The programme outcome attainment levels are assessed as 80% score from course outcome attainment and 20% score in satisfaction survey using predefined proforma. The programme outcome attainment is described in three levels such as average, good and excellent.

File Description	Documents
Upload relevant supporting document	View File

2.6.3 - Number of students passed during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

785

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

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

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

Research Facilities:

Faculty members actively undertake extramural research and consultancy projects and research facilities are continually updated through the University grants, extramural research projects, RUSA, DST-FIST and UGC-DRS schemes to carry out high-quality cutting edge research.

The Computer Centre provides campus-wide network to access digital resources. The University has established Business Incubation Centre to support the researchers for converting an innovative idea into an enterprise.

Research Policy Implementation:

Performing research is a partial fulfilment of M.Phil. and Ph.D. degree programmes is governed by the Board of Research Studies (BORS) of Periyar University with a well-defined Research Promotion Policy.

Research Promotion Measures:

The University provides fellowships of Rs. 6,000/- per month to 162 research scholars and financial assistance to scholars for presenting their research outcomes. The University extends its support by providing up to one lakh per year to each department to organise conference / workshop, encourages by inviting professors from overseas, allocates 20% of its budget to promote research activities and offers 15 Postdoctoral Research Fellowships, provides 40% share of the overhead charges of the funded research projects to Principal Investigators to develop infrastructure facilities and the research supervisor approval is given after ascertaining their publications in SCI/SCIE/SSCI/ESCI journals.

File Description	Documents
Upload relevant supporting document	View File

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

68

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

28

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.5 - Institution has the following facilities to support research
Central Instrumentation
Centre Animal House/Green House Museum
Media laboratory/Studios Business Lab
Research/Statistical Databases Moot court
Theatre Art Gallery

A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	View File

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

10

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

0

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

988.32

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

21

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

Innovation Ecosystem:

The University has membership in MHRD Institution Innovation Council to explore innovative ideas from research. Creation of specialised centres and cells such as, Intellectual Property Rights (IPR) Cell, Knowledge Transfer Centre (KTC), Incubation and Technology Transfer Centre, Periyar University Business Incubation Confederation (BIC@PU).

Business Incubation Centre:

BIC@PU is a start-up business incubator hosted in Periyar University, registered under the Ministry of Corporate Affairs as a Section 8 Company supported by Entrepreneurship Development and Innovation Institute (EDII), Tamil Nadu by providing a financial assistance of Rs. 100 lakh and Startup Policy 2019 for students and faculty specialises in the domain of Food Science and Nutrition and also supports ideas from other domains.

18 incubatees are supported and created an entrepreneurial ecosystem among students and publics by conducting workshops, ideation camps, training programmes, awareness campaigns, webinars, idea contest, and virtual internships with a well deserved mentor pool in different sectors such as academics, industries, and venture capitals.

Incubation and Technology Transfer Centre:

Incubation and Technology Transfer Centre established to train and mould students to initiate information technology-based startups. Periyar University conducts exhibitions, trade fares, hands-on training and farmer interaction meetings.

File Description	Documents
Upload relevant supporting document	View File

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

12

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual

Property Rights (IPR), entrepreneurship, skill development year wise during the year

12

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year**3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year**

7

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4 - Research Publications and Awards**3.4.1 - The institution ensures implementation of its stated Code of Ethics for research****3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following**

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)
3. Plagiarism check
4. Research Advisory Committee

A. All of the above

File Description	Documents
Upload relevant supporting document	View File

**3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards
Commendation and monetary incentive at a**

C. Any 2 of the above

University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

3

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

99

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

428

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

D. Any 2 of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
667	1086

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
18	16

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

Periyar University encourages its faculty members to involve in consultancy work with industries, government, non-government organisations and professionals / individuals to catalyse the expertise of people from external organisations by educating and training them using the available resources. The consultancy services are offered by the University are Software consultancy, Research based consultancy, Industrial consultancy, Collaborative consultancy, Extension activities and Human resource development.

The University Knowledge Transfer Centre has formulated guidelines to undertake consultancy by the investigators of Periyar University for specific periods of three months, six months, one year or as per the requirements of the client.

The consultancy service has been categorised into advisory and general consultancies. The University gets 10% of the total consultancy charges and the remaining amount is shared between the consultant (70% in case of Advisory consultancy and 65% in case of General consultancy) and the respective department (20% in case of Advisory consultancy and 25% in case of General consultancy). The University has developed human resources by conducting various training programme for the personnel of various companies and rural women.

File Description	Documents
Upload relevant supporting document	View File

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

271.23

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

Periyar University aims to improve the quality of life in the neighbourhood community in a better way to address the social issues. It has achieved this objective by engaging the faculty, students and non teaching staff through NSS, YRC units, Women's Studies Centre and the academic departments.

NSS & YRC Activities:

Maintaining cleanliness in and around the living space by the NSS and University departments was stressed under the National Swachh Bharat Abhiyan scheme. NSS volunteers celebrated International Yoga Day, Republic Day parade selection, Swachh Bharat, training for NSS and Programme Officers and World Environment Day. The University has conducted mass tree plantation, world environmental day, awareness programmes on removal of plastics, walkathon awareness rallies, blood donation camps and Zonal level orientation for YRC / RRC Programme Officers and volunteers.

Women's Studies Centre activities:

UGC funded Women's Studies Centre (WSC) of Periyar University organised various programmes for the welfare of women.

Departmental activities:

Periyar University departments emphasise training on mushroom cultivation for women, awareness programmes viz., minimum usage of water, eradication of plastics, mental health of youth, soil conservation and awareness on environmentally important days and events. The University has adopted Venkayanur, Sangeethapatti and Kollapatti villages.

File Description	Documents
Upload relevant supporting document	View File

3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year

3.6.2.1 - Total number of awards and recognition received for extension activities from

Government / Government recognised bodies during the year

5

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

16

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

1322

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

171

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

11

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

Teaching-Learning Facilities

Spread over 38.64 ha (95.48 acres), Periyar University campus is located at 11.7186 degrees North and 78.0769 degrees East, on the Salem-Bengaluru National Highway (NH 44). The University has excellent infrastructural facilities with plinth area of 83,334 sq. m. The campus has 1 Gbps bandwidth Wi-Fi connectivity.

Classrooms

76 classrooms are available, out of which, 4 were newly added during 2020-2021. There are 11 seminar halls in the University with varying capacities. All classrooms and seminar halls are equipped with ICT facilities. Five DTH dishes are installed to receive SWAYAM PRABHA free channel, by which educational videos are telecasted on divergent disciplines of arts and science.

Laboratories

The University has 102 research laboratories, of which, 3 have been established during 2020-2021. All the research laboratories are well equipped with Wi-Fi and internet connectivity with computing

facilities. An exclusive Common Instrumentation and Maintenance Facility (CIMF) were established with SEM-EDAX, GC-MS, HPLC and Single Crystal XRD. University allocates sufficient funds academic supports.

Computing Equipment

The University is already equipped with four computing server facilities. The HPC facility with four CPU, four GPU and InfiniBand interface has been established. The University Central Library has 71 computers.

File Description	Documents
Upload relevant supporting document	View File

4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

Facilities for Cultural Activities

The consistent cultural activities at the University are organised by the Periyar Fine Arts Association with audio and video devices. In 2020-2021, Periyarians actively participated in various cultural events conducted on the eve of Founder's day, Independence day, Republic day, Pongal and Onam festivals.

Facilities for Indoor Games and Sports

The indoor stadium of the University comprises a shuttle court for single and doubles, volleyball court, table tennis court, taekwondo and kabaddi. In Gymnasium, pedalling, power-lifting platform, tread mill, dumbbells (with different weights) and other accessories are available.

Facilities for Outdoor Games and Sports

The outdoor games and sports facilities are established with an area of 34,700 sq. m to facilitate the organisation of Football, Handball, Cricket, Kho-Kho and other athletic events. Two Basketball courts, two Badminton courts, two Kabaddi courts and two Volleyball courts are available for the welfare of our stakeholders.

File Description	Documents
Upload relevant supporting document	View File

4.1.3 - Availability of general campus facilities and overall ambience

General Campus Facilities

Periyar University has always been the hub of higher education for the rural and economically challenged community of four districts. University provides the followings for the welfare of the staff and students:

- Transportation
- Green cover to the campus.
- Ten vehicle parking sheds
- Ten stone benches are sponsored by alumni and philanthropists
- Common restroom facilities for men and women
- Each building has a ramp facility to support the differently abled people
- Elevator facilities are available in the administrative block, science blocks and central library.
- Generator (500 kVA), 2 transformers (1,130 kVA)
- 300 kW solar roof-top panels
- Canara bank, two ATMs,
- Post Office,
- Co-operative store,
- Canteen and milk parlour
- Biodiversity garden
- A medicinal crop cafeteria
- University guest house has four VIP suites, 27 air-conditioned rooms
- Purified water facility at strategic locations
- The Tamil Nadu Water Supply and Drainage Board is supplying three lakh litres of Cauvery river water per day
- Rainwater harvesting system is mandatorily established in all buildings
- Primary sewage treatment plant
- Business Incubation Centre.
- Animal House is being established as per the norms of CPCSEA
- Common Computer Centre
- Women's Studies Centre, funded by UGC
- Health centre
- Centre for Instrumentation and Maintenance Facility

File Description	Documents
Upload relevant supporting document	View File

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

676.27

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

The University library stocked with books, periodicals, references, national and international journals, covering all aspects of academic studies and research activity. Students/faculty have access to various electronic information resources for online databases, journals, research materials such as EBSCO, OXFORD JOURNALS, CAMBRIDGE UNIVERSITY PRESS, TAYLOR & FRANCIS, World Scientific Publications, Springer Link, Nature, ACS, AIP, APS etc.

Periyar University Library is using Library Management Software (LMS) -KOHA. The entire library operation is automated using LMS. It takes care of the following activities:

1. Acquisition module to take care of acquisition of Books, Processing, Accession Register and Online Public Access Catalogue,
2. Circulation i.e. Issue and Returns and sending e-mails for transactions
3. Users Database
4. Serial Control to take care of all journal subscription, vendor details, online reminders for non-receipt of journal issues etc.
5. Reports and Statistics

Library building has ramp and lift facilities for easy and convenient access to differently-abled users. The library website provides information about resources, rules, and regulations. Library resources are annually updated keeping in view the research needs of faculty and students.

File Description	Documents
Upload relevant supporting document	View File

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

56.74

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

1657

File Description	Documents
Upload relevant supporting document	View File

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

87

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

Information Technology (IT) Policy

Information Technology policy articulates the University's vision, strategy, values and principles, as they are related to the management and use of information technology resources, while supporting core academic, research, teaching and learning missions. Further, IT policies ensure compliance with applicable laws and regulations, promote operational efficiency and manage institutional risk by specifying requirements and standards for the consistent management of IT resources across the University. It is designed to guide organisational and individual behaviour and decision making. The proper use of licensed software by the University or individual is ensured to carry out the administrative / academic activities.

Budgetary Provision

The University has appropriate budgetary provisions for IT and Wi-Fi facility augmentation, maintenance and up-gradation in 2020-21. Eighteen (18) computers have been purchased and CISCO accessories have been augmented.

Updates of IT and Wi-Fi facilities

The plans for IT infrastructural development are given top priority to provide adequate infrastructure and effective teaching-learning. The strategies adopted, for ensuring updates, are based on the suggestions received from the network engineers, head of the departments/centres/cells at the beginning of the academic year.

File Description	Documents
Upload relevant supporting document	View File

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
863	953

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

- ?1 GBPS

File Description	Documents
Upload relevant supporting document	View File

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

A. All of the above

File Description	Documents
Upload relevant supporting document	View File
Upload the data template	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

329.20

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

A well-defined procedure is adopted for the maintenance and utilisation of physical, academic and other supporting facilities viz. library, laboratories, sports complex, computers, classrooms, hostels, guest house, centres, cells and parking areas. A separate administrative section is entrusted for maintenance of facilities. Every financial year, all the facilities available in the campus are subjected to physical verification of stocks by internal members. High-end equipment, computers, printers, photocopiers and air conditioners are maintained through Annual Maintenance Contracts system.

The physical, academic and other supporting facilities are utilised effectively with proper schedule, prepared at the beginning of every semester based on the needs and requests. The utilisation of laboratory equipment is witnessed by maintaining individual log

register while stock registers are maintained to ascertain periodical utilisation of chemicals and other consumables. Students are allocated an hour in a week on mandatory basis to avail the library facilities and resources. Students are motivated to utilise the sports complex by allocating an hour in a week for each department to ensure physical health and fitness. Further, students are also encouraged to utilise the physical facilities of sports complex to train themselves on specific sports and games

File Description	Documents
Upload relevant supporting document	View File

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

1157

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

524

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases
Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

- All of the above

File Description	Documents
Upload relevant supporting document	View File

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

13

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.2 - Total number of placement of outgoing students during the year

130

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

59

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

2

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

The student representatives are invited as special invitees to participate in the Board of Studies and their views /suggestions are considered while formulating new curricula and its updation.

The University offers numerous opportunities for students to participate in co-curricular, social, sports and community development activities through village adoption scheme. Periyar University Department Associations and Clubs viz. Fine Arts Club, Well-Being Club, etc. are governed by student representatives for organising various academic, cultural and health awareness programmes based on the needs of the society.

Student representation is also ensured in Internal Compliance Committee, Student Grievance Redressal Cell, Anti-ragging

Cell and Gender Sensitisation Committee constituted as per UGC-MHRD guidelines.

Activities for Institutional Development and Student Welfare:

- Department Associations and Clubs are organising research conventions, student seminars, platforms for exposing their talents and outreach activities that enabled them to participate in the competitions at national and international levels.
- Food production and service in the hostels are monitored by the student hostel executive committee which runs a transparent administration by overcoming the challenges
- Student grievances are redressed effectively through the Anti-ragging Cell, Internal Compliance Committee (Anti-Sexual Harassment Cell), and Gender Sensitisation Committee through various sensitization programmes to create awareness on gender equality.

File Description	Documents
Upload relevant supporting document	View File

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

4

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services during the year

Periyar University Alumni Association (PUAA), Salem is registered under section 10(1) of the Tamil Nadu Societies Registration Act 1975 and the registration number is 142/2011.

Objectives of the Alumni Association:

- To bring the former students of all the departments of Periyar University under one forum for exchange of expertise,

dissemination of knowledge and talents among the members and also for the furtherance of fellowship and recruitment

- To provide placement opportunities to the alumni through job fairs and also to initiate linkages with various industries
- To create awareness about educational opportunities through e-transmission groups

Activities of the Alumni Association:

PAAA is flourishing in each department and about 869 alumni have registered as members. Programmes were organised to explore the views and experiences of the alumni. PAAA encourages the departments to organise annual alumni meeting to get feedback for the betterment of teaching, learning and research activities.

Outcome of the Alumni Association: To create endowments to provide scholarships to the poor students enrolled in the University departments. Alumni contributed in terms of money and materials to the tune of Rs. 8.6 lakh

File Description	Documents
Upload relevant supporting document	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

A. ? 5Lakhs

File Description	Documents
Upload relevant supporting document	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

Periyar University is committed to the social upliftment of the students in the areas enshrined in the Vision and Mission statements. An enabling environment and far-sighted initiatives provide enthusiasm for innovation in the campus. A transparent administrative and academic governance is reflected in the form of e-governance, faculty performance appraisal, effective student assessment, demand-driven research, systematic audits and participative management. The Vice-Chancellor along with the

Syndicate, Senate, Planning Board, Standing Committee on Academic Affairs and Finance Committee executes the task of developing, implementing and improving the decentralised management system. The Internal Quality Assurance Cell (IQAC), Board of Studies (BoS), Curriculum Development Cell (CDC) and Standing Committee on Academic Affairs (SCAA) are governed by the Vice Chancellor to ensure transparent academic activities.

The Registrar, Controller of Examinations, Directors, Deans and Head of the departments actively participate in the academic activities and frame policies under the guidance of the Vice Chancellor. Thus, the above governance is finally reflected in the form of automation, establishing new departments, programmes, encouraging faculty members to publish quality articles, knowledge management and dissemination to preserve the cultural identity.

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

<https://www.periyaruniversity.ac.in/SPORTS/register.php>

File Description	Documents
Upload relevant supporting document	View File

6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

The University promotes participative and egalitarian administration, duly guided through transparency, by including and motivating the faculty at the grass root level. This could be ascertained by the adequate representations accorded to the faculty and students in appropriate bodies.

Decentralisation:

Decentralisation of academic activities and empowerment of the members of faculty through the delegation of authority Sharpening of effective leadership skills by providing additional responsibilities to the members of faculty in the form of coordinators of various cells and heads of several committees, which ensure the quality of the academic work Participation of students in decision making by ensuring constructive feedback. Experienced and seasoned professors being entrusted with deanship across department clusters Members of faculty have adequate representation in administrative bodies, such as, the Syndicate, Senate and SCAA Involvement of members of faculty in OBE syllabi preparation as part of BoS.

Participative Management:

The Vice-Chancellor and other top officials interact with the heads of the departments and the teaching fraternity of the University departments, principals of affiliated colleges, on a continuous basis, as a part of participative management. The Registrar conducts meetings for section heads and administrative staff.

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

File Description	Documents
Upload relevant supporting document	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The perspective plan of the University is in consonance with its mission and vision. While framing its future plan, the University consider the development parameters, such as, teaching-learning, research and development, extension activities, human resource management and expansion of infrastructure.

Campus Connectivity:

The University is well networked to connect to all the academic departments and the administrative sections, through the following facilities;

Local Area Network and Wi-Fi enabled campus ICT facilities Automated Academic and Administrative Processes Digital Surveillance (CCTV).

Digital Research Initiatives:

The University uses cutting-edge ICT framework for carrying out the voluminous work of different departments and sections. A few of the digital initiatives are: Department of Computer Science publishes a journal titled International Journal of Computational Intelligence and Informatics in both electronic and print version. University research fellowship is being provided to full-time Ph.D. research scholars Research profile of the members of faculty in University website is available in (IRINS- Indian Research Information Network Systems).

Digital Teaching Initiatives:

Technology enabled classrooms Online teaching and learning resources
Access to e-journal Automated Library Management and Information
System e-ShodhSindhu, J-Gate Soft copy of Ph.D. theses NAD and e-
SANAD services.

Swayam :<https://www.swayam.gov.in/>

Library :https://www.periyaruniversity.ac.in/Library_Home/home.html

File Description	Documents
Upload relevant supporting document	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The University adopts all policies in harmony with its vision and mission for the betterment of the student community and for shaping higher education. The University, governed by the Syndicate, the policy making body is chaired by the Vice Chancellor and assisted by the Registrar and his secretariat. The administration consists of 83 regular staff, 204 consolidated staff and 154 Non Muster Roll.

The office of the Controller of Examinations focuses on conducting examinations and declaring results. The finance office is responsible for preparing the annual budget of the University with the approval of the Finance Committee. The University houses 27 departments with 153 regular full-time teaching members.

Appointment and Service Rules:

Appointments are based purely on relevant UGC guidelines and the directions of the Government of Tamil Nadu on a regular basis

Promotion of Faculty Members:

The University is actively engaged in providing Career Advancement Scheme (CAS) for the qualified faculty as per the guidelines of the University Grants Commission and Government of Tamil Nadu.

Recruitment and Promotion of Non Teaching Staff:

The University administration takes cognizance of providing timely promotion to the non teaching staff as and when it arises.

Organogram

File Description	Documents
Upload relevant supporting document	View File

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

Periyar University is poised to assess the quality of faculty and provide promotions in time as per the regulations of UGC, the Government of Tamil Nadu and the University.

The university has an effective performance appraisal system and promotional avenues for the faculty and staff members. Their performances are assessed by a panel under the Career Advancement Scheme.

Promotional Avenues

There are a lot of promotional avenues available within and outside the University system for both the faculty members and administrative staff.

Effective Welfare Measures

- Sanctioning of all applicable leave
- Providing subsidised transport facilities
- Canteen facilities

- One-year sabbatical leave
- Health Insurance
- Part Final Loan from GPF Account
- Leave Travel Concession
- Summer and Winter Holidays
- Healthcare facilities
- Yoga and Gymnasium facilities
- Library facilities - Access to e-Journals
- Vehicle parking shed
- Co-operative store
- Thrift Society
- Milk Parlour
- Post Office branch,
- Canara Bank branch
- Staff quarters
- Mental health and nutritional counselling
- Festival advance
- Fifty per cent air fare for attending Conference
- Food at subsidised rate at University guest house
- Financial assistance for membership in Professional bodies
- Automated Teller Machines (TWO)
- Day Care Centre and Children's park
- Food court

File Description	Documents
Upload relevant supporting document	View File

6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

37

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Mobilisation of financial resources:

The financial resources of the University is mobilised through the non-plan receipts by student fees, the block grant support from the State government and the research grants from the extramural funding agencies at the national and international levels.

Project funding and Endowment funds are used for conducting projects and seminars. The finance office monitors the incomes and expenditures of the University. Efforts are afoot to mobilise resources through special schemes such as RUSA, DST- FIST and UGCSAP/DRS and funds from EDII, MHRD, DDU-GKY, ICSSR, TNSCS, MoES, MoEF&CC and TANSCH.

Resources Utilisation:

Before the start of the financial year, the Vice Chancellor directs the heads of the departments to submit budget proposals for the ensuing financial year.

The University has a General Fund which is used for the development and maintenance of infrastructure in the University and for spending on items that are not covered under the Department budgets. The draft financial plan is put up before the Syndicate for its approval. The utilisation of budget amount is regulated by the Vice

Chancellor.

The University sanctioned University research fellowships to those who do not receive any other financial support.

File Description	Documents
Upload relevant supporting document	View File

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

300

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

10.6

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.4 - Institution conducts internal and external financial audits regularly

The position of the finance officer is filled on deputation from either the local fund or the treasury departments of the government. To ensure accountability of financial transactions, the budget of the University is submitted for audits.

The audit is conducted as per the Chapter IV, Section 28 of Periyar University Act, 1997 (Tamil Nadu Act No. 45 of 1997). Every year the members of faculty on direction carry out annual physical stock verification. The Local Fund Audit (State Government) and the AG audit (Central Government) scrutinize the financial aspects of the University every year.

According to the power vested with the Director of the Local Fund

Audit, Tamil Nadu (Tamil Nadu Local Fund Audit Act, 2014 - Act 24, Section 4 and 5), auditing of the accounts of the institution is performed. Joint sittings between the staff members and the audit committee are convened to discuss the audit objections raised and suitably rectified by the authorities. At times, certain objections remain that cannot be settled at the time of audit. In such cases, action is taken to drop the objections by appropriate recoveries or by obtaining orders from responsible authorities.

File Description	Documents
Upload relevant supporting document	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

Academic and Administrative Audit System:

Academic and Administrative Audit is conducted by IQAC periodically. This ensures a complete overhauling of the system for enhancing the quality of higher education. This sustained effort is a continuous process to improve the performance of all teaching, non-teaching staff, students and the entire organisation. This calls for dedication and proper execution of the work at the right time.

Measures Adopted:

HEI encourages the departments/ faculty members to organise more academic programmes viz. seminar, conference, workshop and training, performing research towards societal development, Increase in the quality of research projects, Evaluation of skills acquired, Implementation of ICT for teaching-learning

Effective Feedback Mechanism:

The teaching-learning process of departments is constantly reviewed by the Vice Chancellor. The IQAC is entrusted with the monitoring and recording of the growth of academic activities through online mode also. The student's feedback mechanism is obtained periodically on parameters like courses, teaching and other related activities.

Outcome Thrust:

The feedback received from stakeholders and the adoption of OBE curricula has led to the development of soft skills training to make them employable.

File Description	Documents
Upload relevant supporting document	View File

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. Any 5 or all of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting documment	View File

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

Recruitment:

Meritorious candidates are selected based on the guidelines of the University Grants Commission / State Government / Periyar University Statute.

Teaching:

The outcome based curriculum is adopted in all programmes. The University offers 12 post-doctoral fellowships.

Research and Publications:

Members of faculty have published 1,703 quality research papers in Scopus and web of science.

Extra-curricular activities:

In order to successfully face competitive examinations and augment their skillsets, students are provided with the options to enroll themselves in NET/SET/ other competitive examinations.

Hostel facilities:

A separate women's hostel for research scholars, women's and men's hostel with Wi-Fi connectivity and uninterrupted power supply are available.

Library: The Library has added 2125 volumes of books post accreditation. Koha, the open source automation software is installed to render the best services to all stakeholders.

Placement: With the arrangements of on campus and off campus placement drives, 536 students found placements in premier national and international organisations.

Other facilities:

- Green campus
- Medicinal plant Cafeteria
- Renovated Auditorium
- Incubation and Technology Transfer Centre
- Centre for Instrumentation and Maintenance Facility
- Internet facility to all the departments
- Vehicle parking
- Sewage treatment plant

File Description	Documents
Upload relevant supporting document	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Periyar University strives to achieve the thoughts of Thanthai Periyar on women equality and environment. Women represent a sizable population among teaching as well as administrative and students. University has a dedicated Women's Studies Centre (WSC) established on 09.12.2011 funded by UGC New Delhi. Several programmes and activities are conducted under its aegis and in collaboration with other departments of the University. These include selecting gender champions, organising entrepreneurship programmes/ workshops;

Women's day celebrations. WSC also offers facilities/ services for working women / students of the University in the form of Common room and Day Care Centre. Apart from the above WSC offers course to postgraduate students on "Gender Sensitisation Practical". University addresses the grievances of women by forming appropriate committees with equal representation of women faculties in decision making process. Seminars/ Awareness programmes are also conducted for the benefit of women in affiliated colleges and the women folk in Periyar University jurisdiction.

File Description	Documents
Upload relevant supporting document	View File
Annual gender sensitization action plan(s)	https://periyaruniversity.ac.in/Documents/2022/IOAC/AOAR2020-21/7.1.1c.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Waste management has become one of the important concerns of the institutions, whose priority lies in 3Rs (Reduce, Reuse and Recycle). In keeping with this, the University regularly upgrades the waste management facilities and policies to optimise the waste management process. The liquid waste generated by the administrative, academic and residential buildings are recycled and

are reused for irrigating trees and landscapes using drip irrigation system. Solid waste (food waste) generated in hostels and canteen is utilised for biogas production in hostel. The leaf litter and other organic waste are directly used for vermiculture for producing manures. The paper, cardboard, condemned furniture, equipment are periodically auctioned. E-waste, used tyres and batteries of University vehicles are managed through buy back policy. The biomedical and chemical wastes generated in the laboratory are disposed off as per standard operating protocol. Plastic use in the University is banned.

File Description	Documents
Upload relevant supporting document	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above
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File Description	Documents
Upload relevant supporting document	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:	A. Any 4 or All of the above
<ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	

File Description	Documents
Upload relevant supporting document	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and	A. Any 4 or all of the above
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harness energy are confirmed through the following:

- 1. Green audit**
- 2. Energy audit**
- 3.Environment audit**
- 4. Clean and green campus recognitions/awards**
- 5. Beyond the campus environmental promotional activities**

File Description	Documents
Upload relevant supporting document	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software,mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

Periyar University has students belonging to various socioeconomic strata, various culture, religion and States. In order to accommodate all of them, the University takes steps to make the stay of students comfortable imparting tolerance and harmony. Several initiatives taken by University include Mentor-Mentee initiatives, whereby students' skills and talents are recognised and honed. In addition, these initiatives also help in giving counseling to students and help in overcoming the stress/ uncertainty faced during COVID pandemic. Students are encouraged to participate in debates, symposia and conferences as well as in taking active participation in Sports. University staff and students regularly take part in

festivals, literary events and quiz. Short-term entrepreneurship programmes are also conducted for underprivileged students for uplifting their socio-economic standards.

File Description	Documents
Upload relevant supporting document	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

University strives to inculcate values and responsibilities in its subjects, in order to bring out students as responsible citizens. Faculty, Staff and Students take active participation in celebrating independence and Republic days. Lectures, quiz and presentations are conducted highlighting the sacrifices of our freedom fighters for independence of the nation. The students participate in awareness programmes and take oath on voters awareness, vigilance awareness week, Swachh Bharat campaign, child labour prohibition, Preventing / reducing pollution, encouraging tree plantation, blood donation and participating in providing assistance to underprivileged people via village adoption, encouraging school children for taking up higher studies and developing scientific acumen for innovation. These are done via Red Cross Society, NSS Units of University and Village adoption programmes of various departments.

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized

Any 3 of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Response:

Periyar University encourages students to commemorate important national and international days, events and festivals, in order to instil among the students a sense of belonging, cultural bonding, values and ethics. These celebrations inculcate in the students, a sense of pride and help them identify with local, regional, national sentiments and international significance. It provides them a scope to identify with the pious ways of life led by great personalities who shaped the nation. The following events were celebrated during the academic year 2020-21.

- 75th Year Independence Day Celebration - 15.08.2021
- International Women's Day Celebration - 08.03.2021
- National Science Day Celebration -28.02.2021
- Republic Day Celebration -26.01.2021
- Gandhi Birthday Celebration - 02.10.2020
- 74th Independence Day Celebration - 15.08.2020

File Description	Documents
Upload relevant supporting document	View File

7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

Periyar University aims to cut down the carbon footprint striving towards carbon neutrality. Various policies and measures have been adopted towards promoting 'Reduce, Reuse and Recycle'. The green initiatives undertaken by the University includes Miyawaki plantation which has increased the area under plantation from 465.5 sq.m to approximately 1000 sq.m. The existing tree cover in the campus is maintained by recycled water from the sewage treatment plant. The University's botanical garden, landscaping in adjoining academic, administrative buildings and main entrance are watered using drip irrigation. University promotes renewable energy by installing 300 kW capacity solar panels. Solar water heaters are installed in the guest house and women's hostel. The University library has a unique 'Oxygen Garden'. Rainwater harvesting structures are present. Solid waste generated is converted into biogas. Leaf litter and other organic non-hazardous waste are used as raw material for vermicomposting unit. Buy back policy for tyres and vehicle batteries help to keep the environment clean. Harvesting of wind energy for power generation is being attempted to identify its feasibility. Robust policies on plastic usage, restricted vehicle entry, promoting bicycle use within campus are in place

which show the University's goal oriented approach towards clean and green campus.

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Institutional Distinctiveness:

Interdisciplinary approach based research on disease diagnosis, treatment and prevention has been the focal theme undertaken by the University. This research is aimed to identify novel drug targets in the treatment of cancer, neurodegenerative diseases like Parkinson's, Alzheimer, vector borne diseases like dengue and malaria.

Artificial Intelligence (AI) based computational biology approach such as molecular docking and dynamics using high performance computing are utilised for validation of drug targets. Small peptide based approach with chemical synthesis has been one of the highlights of the research which use an interdisciplinary approach involving the use of bioinformatics, organic synthesis and biology for synthesising drug targets for neurodegenerative disease and diabetes.

Nanotechnology based approaches are being followed in utilising biomaterial as alternative to synthetic material for bones and dental implants. Two patents have been awarded, one patent has been filed and one faculty has received a state award (TANSA) in recognition of his research in this area. Extra mural grant of Rs 1.5 crores has been awarded by DST for production of biomaterial for dental implant.

Overall 446 publications, 3 patents and extramural grant of 988.32 lakh have been secured during this period.

7.3.2 - Plan of action for the next academic year

- To celebrate 75 Years of Independence anniversary in a grand manner
- To celebrate Silver Jubilee Year of Periyar University (1997-2022)
- To celebrate centennial year of Tamil writer T. Janakiraman in collaboration with Sahitya Akademi
- To implement renewable energy initiatives via Solar Park and Pilot setup of Wind-Energy Park
- To promote entrepreneurship among students via BIC@PU

NAAC