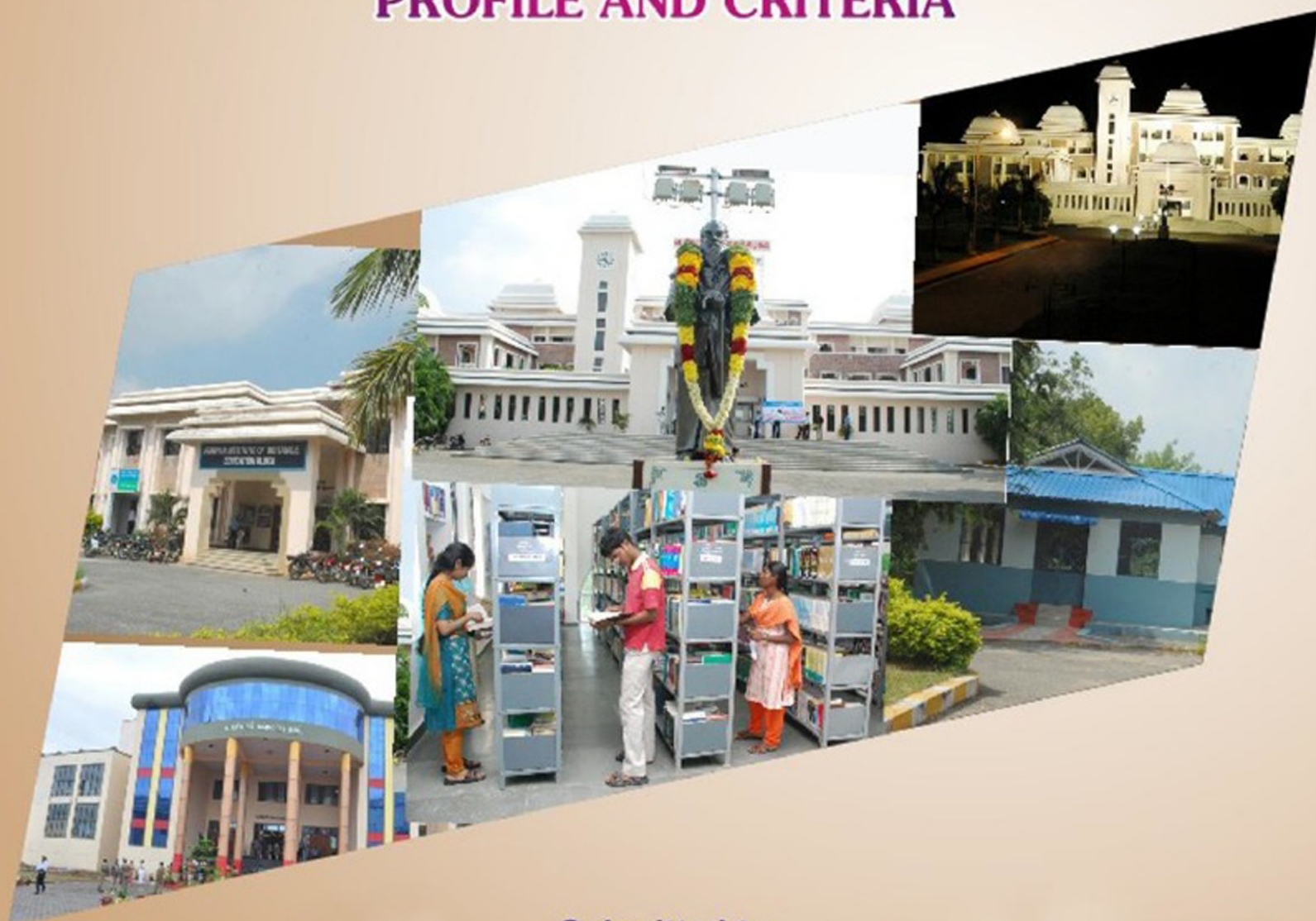# PERIYAR UNIVERSITY

PERIYAR PALKALAI NAGAR
SALEM - 636 011
TAMIL NADU

NAAC RE-ACCREDITATION
SELF STUDY REPORT
BOOK - I
PROFILE AND CRITERIA

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL [NAAC]

BENGALURU - 560072

NOVEMBER 2014

NAAC Re-Accreditation
Self-Study Report- Book I
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PREFACE

PERIYAR UNIVERSITY
State University
Salem - 636 011
Tamil Nadu, South India

Dr. C. SWAMINATHAN
Vice - Chancellor

PREFACE   04.11.2014

Periyar University established on Periyar's birthday, 17th September 1997, aims at developing knowledge and skills in various fields to realise the maxim inscribed in the logo "Arival Vilayum Ulagu" (Wisdom Maketh World). It was established by converting the three departments of the PG Extension Centre¬Geology, Mathematics and Commerce¬of the University of Madras. In 2004, faculty were appointed for six departments, followed by addition of another six departments and faculty members in 2005. Since then, there has been a steady growth in the number of University departments, appointment of faculty members, creation of research centres and specialized cells for extension activities, making this University one of the fast growing Universities in this part of the country.

The University imparts education and conducts research through the 23 departments located within the Campus. Under its umbrella, the University has 81 affiliated colleges, 5 constituent colleges located within the jurisdictional area of the University (Salem, Krishnagiri, Dharmapuri and Namakkal districts), a PG Extension Centre at Dharmapuri, hundreds of study centres of Periyar Institute of Distance Education (PRIDE), located all over Tamil Nadu and other states of India and also other countries. The University receives funding from various agencies such as the UGC, CSIR, DBT, DST, ICMR, ICSSR and MHRD to carry out research activities in the departments. In addition, the University has established specialized centres for conducting high-end research in the frontier areas of Science and Technology and also for conducting extension activities.

In order to promote excellence in teaching-learning and research and to ensure equitable development as per the wishes of the visionary in whose name the University established, a "Thanthai Periyar" Chair was instituted in 1998. In order to perpetuate the thoughts of the great social and political scholar of Tamil Nadu who fought for the cause of youth and women, a Chair in the name of "Perarignar Anna" was established in 2009. The University offers all its programmes under the Choice Based Credit System (CBCS) from the

PERIYAR UNIVERSITY

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academic year 2008-2009. It also provides an ideal platform for meaningful interaction with the society through various extension activities.

The University nurtures globally competitive skills among rural students and continuously strives to address the national concerns on the quality of higher education by evaluating its strength, weakness, opportunity and challenges in curriculum, teaching, learning, research, infrastructure development, governance and healthy practices.

The NAAC has provided an opportunity to assess ourselves in order to set benchmarks and draw a map to reach them. The University is well set for the second cycle of accreditation by the NAAC which is likely to take place in the month of January, 2015. It is my pleasure and privilege to submit our Self Study Report (SSR) to the NAAC, Bangaluru.

I take this opportunity to appreciate and thank the members of the Steering Committee and the Internal Quality Assurance Cell (IQAC) for sharing the responsibility of drafting the SSR. I also thank all the administrative sections and academic departments of our University for the services rendered to the stakeholders.

We are indebted to the NAAC for having provided this opportunity to realize institutional effectiveness in providing quality education.

(C. SWAMINATHAN)

Telephone	Res	Fax	E-mail	Website
0427-2345565 (O)	0427 - 2345464	0427-2345565 (O)	vcperiyar@gmail.com	www.periyaruniversity.ac.in

EXECUTIVE SUMMARY AND SWOC

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Periyar University, established on 17ᵗʰ Sept 1997, by an Act of the Legislative Assembly, is located on the Salem-Bengaluru National Highway. The university has taken rapid strides and is emerging as one of the leading universities in the field of Higher Education. The university is named after the great social reformer and rationalist thinker E.V. Ramasamy affectionately called "Thandhai Periyar." The university has devoted itself to promote higher education in all its aspects and sustained a holistic teaching-learning culture which has helped students to grow as complete and autonomous persons. The university's commitment to learning and knowledge is enshrined in its motto **"Wisdom Maketh World."** The university has applied itself in creating and disseminating knowledge by its academic, research and extension activities.

In its 17 years of existence, the University has shown tremendous growth in all the spheres. It caters to the needs of students from rural areas and downtrodden sections of society from the districts of Salem, Namakkal, Dharmapuri and Krishnagiri. The 23 departments of this university offer postgraduate and research programmes. The University receives funding from various agencies such as the UGC, CSIR, DBT, DST, ICMR, ICSSR, and MHRD to carry out research activities in its departments. The University has established exclusive Centres for Nanoscience and Instrumentation. Periyar University provides educational services by establishing five constituent colleges and one PG extension centre in areas where distance has been a barrier to access to higher education. It now has a postgraduate extension centre at Dharmapuri, a place yet to reap the benefits of higher education fully. Periyar University established Periyar Institute of Administrative Studies in 2009, to conduct coaching classes for UPSC civil services aspirants. It has been contributing towards social transformation by educating thousands through Periyar Institute of Distance Education.

Curricular Aspects

Periyar University offers 26 PG and 24 Research programmes in Languages, Humanities, Social Sciences and Sciences. Realizing the ever increasing needs of the student community, the University also offers a total of 97 programmes in the distance education mode through its PRIDE which includes 24 PG, 7 Professional, 34 UG, 11 PG Diploma, 15 Diploma and 6 Certificate programmes. The programmes have been selected in such a way that it takes into account the entire social spectrum and also the profiles of learners in the region. The University has adopted a systematic process in designing and updating the curriculum, keeping in view the need to enhance the employability skills of students. Flexibility in choosing courses, mobility and compatibility across institutions can ensure competence and competencies on a par with global standards. Adhering to the recommendations of the Tamil Nadu State Council for Higher Education (TANSCHE), the credit structure under the CBCS (semester pattern) has been modified to bring in uniformity across universities, affiliated autonomous and non-autonomous colleges in Tamil Nadu. The feedback on curriculum collected from students through the IQAC is used in designing of new programmes and modification of the existing ones. Academic audits are conducted at regular intervals to ensure quality sustenance and enhancement.

Teaching-Learning and Evaluation

Effective teaching is vital to learning and teachers with good skills can impart values in the minds of students and develop their personalities. The faculty members of Periyar University are engaged in a teaching-learning process characterized by mutuality and participation. The university is providing excellent infrastructure facilities for teachers, students and researchers to develop cutting edge expertise in their subjects concerned. The

university caters to the need of students by providing life oriented curriculum and its effective delivery. The university is utilizing new technologies such as Wi-Fi facility and interactive boards to enhance the cognitive levels of learners. Teachers encourage students to link their learning with real world experiences thereby enabling them to carry the knowledge gained to life situations. Students also do projects based on field trips and industrial visits. Faculty members are encouraged to participate in the UGC orientation and refresher courses to update their knowledge and have their skills in consonance with current trends in higher education. The Career Guidance and Placement Cell prepares the students for facing placement interview by special coaching as how best to showcase their knowledge levels and skill set.

The Choice Based Credit System was introduced in Periyar University during 2005-06 and the Curriculum Development Cell takes care of revising and improving the curriculum regularly. The University provides proper orientation to students immediately after admission and at every stage of the programme it is ensured that the teaching-learning activities will remain student centric. Objective evaluation methods are used to measure the learning outcomes and transparency is maintained throughout the process. Students are evaluated through continuous internal assessment with class seminars, assignments and written examinations. In the University departments, the results are announced the day after the final examination. The University also conducts supplementary exams on the needs of the regular examinations so that the final year students will be able to secure admission without any break. The University meticulously sticks to the examination calendar which eliminates delay and ensures declaration of results and issue of certificates as per schedule.

Research Consultancy and Extension

Realizing the importance of research, the University devotes attention to promote it. Well aware of the fact that research excellence is an extended factor in gaining global presence, Periyar University has put in place a campus culture conducive to research. The university has constituted a separate Board of Studies for research which regulates research policies and activities. The University is supported by various funding agencies. The faculty members are geared up to apply for funded research projects and the administration provides constant support in the successful execution of these research projects. Some of the science departments have established collaboration with reputed institutions for carrying out projects. The Departments of Microbiology, Physics, Sociology, Chemistry, Journalism & Mass Communication and Geology offer consultancy services.

Realizing the importance of its social responsibility, Periyar University has carried out extension activities through the NSS and YRC. There are 158 NSS units are functioning under Periyar University. Numerous special camps have been conducted for the benefit of people from rural areas. Blood donation camps have also been organized by the NSS units, a service that goes to save precious human lives. NSS volunteers are also engaged in adopting villages, conducting awareness programmes and rallies, undertaking rural projects such as eradication of illiteracy, waste land development, health and nutrition, sanitation, child care and family life education. The establishment of sophisticated instrumentation facilities in Science departments and a language laboratory in the English department are promoted by the linkage between the university and industries.

Infrastructure and Learning Resources

The University provides an ideal, aesthetically pleasing landscape conducive for teaching-learning and research. Many of the departments are equipped with smart class rooms and each department has a library of its own. The laboratories are well equipped with state of the art instruments and there are sufficient numbers of computers for students' use. The University maintains separate hostels for men and women equipped with reading halls,

power back up, RO drinking water, solar lights, computers with internet connectivity and fire extinguishers. The University has a health centre and play grounds. The central library of the University houses more than 75,000 books and 3000 back volumes of journals and 2800 dissertations. The UGC-INFONET digital library provides various e-resources and makes the learning process 24/7. Periyar University has an exclusive computer centre equipped with high end instruments and is manned by qualified technical and administrative support staff. The network connectivity in the campus has lent a competitive edge to students, teachers and researchers in their academic and research pursuits.

Students Support and Progression

As majority of the students are from the rural belts of Dharmapui, Krishnagiri, Namakkal and Salem districts, the University has to keep in mind their fundamental requirements and guide them through active learning process from entry to exit. Care is taken to maintain information flow to students and it is ensured that their educational experience will be a holistic one. Students have ready access to systems like library, internet, hostel, language laboratories, sports, canteen, and medical centre. These facilities help students and scholars give quality time to academic research pursuits. Special counselling sessions are held to sensitize on the ills of ragging, besides anti ragging measures are promptly taken by departments. The departments give orientation to fresher so that they are acquainted with campus discipline and culture in quick time. Emphasis is given to development of soft skills in students. Feedback on these programmes are procured and submitted to the IQAC at the end of the year. A bridge course is conducted for the fresher and a remedial course is conducted for those students who are found lagging in intellectual progress. Likewise, advanced learners are introduced to latest knowledge, trends and opportunities in their subjects. Besides class room teaching, students are trained in personality traits, motivated to think creatively so that their skills will earn good placement. The facilities here definitely had impact on enrolment. There is conspicuous improvement in students' performance in curricular, co-curricular and extra-curricular aspects in all departments.

Governance, Leadership and Management

At the helm of governance, His Excellency the Governor of Tamil Nadu as Chancellor governs the Periyar University followed by the Honourable Minister for Higher Education, Government of Tamil Nadu, as the Pro- Chancellor. The Vice Chancellor as the Principal Executive Officer is vested with administrative authority and responsibilities well defined in the act and statutes of the Periyar University. The statutes also define the administrative powers and duties of the Registrar and Controller of Examinations. The organizational hierarchy of Periyar University has the following statutory bodies like the Syndicate, Senate, and Standing Committee on Academic Affairs (SCAA), Planning Board, Finance Committee, and Board of Studies including Board of Research Studies.

Innovation and Best Practices

Periyar University lends its focus on energy conservation, renewable energy and rain water harvesting are important initiatives taken by the University to make the campus eco-friendly. Efforts have been taken to minimize carbon emission by planting saplings and by maintaining a biodiversity garden. Sensitization programmes are held to create awareness among students on protection of environments. Introduction of biometric attendance, creation of a Women's Welfare Centre, Women Studies Centre and Health Centre are some of the best practices followed in the University. The University also has an amenity centre which houses a photocopying centre, student grievance redress cell, health centre, computer centre, and centre for yoga, YRC, NSS and Career Guidance and Placement Cell. There are also a separate rest room and dining hall for women. The university has promoted collaborative teaching-learning and research as one of its best practices. Experts from various

fields are provided a common platform to share their experiences and expertise with faculty, scholars and students of interdisciplinary departments. The efficiency of this policy is reflected in the quality level of publications by faculty and their research output. The special coaching classes for NET/SET examination have helped several students to clear the same. The Training and Placement Cell has signed MoUs with leading industries and 39503 students have taken part in campus interview/selection drive. The specialized coaching classes have helped 25% of our students to get employment in various government services.

Besides these practices, the University adopts the regulations of the UGC to maintain the quality and minimum standards in appointments and admissions of students in research programmes. The University is implementing the reservation policy of Tamil Nadu Government in letter and spirit.

SWOC Analysis

Strength:

1. Strong Research and Publications

2. Excellent Student Support Services

3. ICT based teaching -learning process

4. Good rapport with local community / neighbourhood

5. Equitable access to quality higher education for students hailing from weaker section.

Weakness:

1. Rural background with poor inputs

2. Lack of space for state- of- the- art expansion

3. Limited number of overseas students

4. Limited staff exchange programmes with International bodies

5. Industry-Institute collaboration.

Opportunities:

1. Introduction of innovative programmes on emerging thrust areas

2. More collaborative research projects with foreign institutes

3. Implementation of faculty and students exchange programmes.

4. Registration for more patents

5. Achieving University with potential for excellence status.

Challenges:

1. Internationalisation of education.

2. Ever changing technology

3. High expectations of industries from University

4. Competition from well established academic and professional institutions

5. Highly sophisticated instrumentation facilities for advanced research

ACTION TAKEN REPORT

ACTION TAKEN REPORT

Action Taken Report on the suggestions of the previous NAAC Peer team

Arranging for more bridge course and remedial courses to facilitate disadvantaged learners

Under the merged schemes of UGC XI plan grant, the University has created a cell for remedial coaching in the University. A Senior Professor is nominated as a coordinator for the centre to look after the various activities of the centre. It organizes remedial courses for the slow learners and bridge courses for the inter-disciplinary students.

Introducing courses for advanced learners

The departments offer post graduate programmes under choice based credit system to ensure the flexibility in curriculum. The advanced learners are motivated to take seminars in emerging topics of each course in their respective programme that is not covered by regular class works. The advanced learners are encouraged to aspire for civil service, Group I & II coaching classes. The advanced learners are advised to take challenging industrial projects and to organize events.

Interaction between different departments for inter/multi disciplinary research and teaching

The University departments offer numerous supportive courses. Every post graduate student has to take supportive course offered by the other departments. This system helps the students to have interaction with different departments. Further, the research scholars are availing the analytical instrumentation facilities of various science departments. The inter and intra departmental activities in association with centres are encouraged for their effective collaborative teaching, learning, research and extension activities.

Organizing more faculty development programmes

The Department of Economics has organized faculty development programmes at national and state levels sponsored by the Indian Council of Social Science Research. The Department of Computer Science in collaboration with ICT academy of Tamil Nadu has organized training programmes on soft skill development to faculty members of the university departments and affiliated colleges. An orientation programme for teachers was organized by the Department of Education.

The faculty of all departments is motivated to attend research methodology/ advanced techniques based workshops, refresher courses and orientation programmes conducted by the academic staff colleges of other universities.

Establishing a Counselling Cell

The Psychological Counselling Cell is established by the department of Psychology functions between 4 pm to 6 pm on all working days. The student and faculty clients get these services by getting a prior appointment. The cell addresses various problems of students which include depression, relationship issues, academic difficulties and behavioral changes. Legal aid club under Women's Studies Centre, Centre for Swami Vivekananda Studies and Student Mentoring System in university departments offer legal support, moral education, academic counselling for examinations, future studies etc., to the students.

Enhancing student support service

A separate amenity centre has been set up to provide basic amenities to the students. Facilities created in the amenity centre building are high speed internet connectivity with ample number of terminals, reprographic facility, yoga, health centre, student grievance

redress cell and canteen. The university has also established a cooperative society inside the campus for stationary, notebooks and other things required for the students and staff. Post office and Banking with 24 hrs ATM facility are also available in the campus. The central library provides many student support services. Free downloading of journals, magazines, papers and articles are the major academic support well received by students. The Civil Service coaching centre and SET/NET coaching centre are conducting training programmes to students on weekends and holidays.

The placement cell of the University is very active and organises many campus recruitment drives. The achievements of the placement cell and other centres which provide student support services are given in the self study report.

The Physical Education department encourages the students in sports and games and has organized many inter/intra University tournaments and games.

Creating a mechanism to monitor student progression in a sustained manner

To monitor the students' progression in a sustained manner, the following mechanisms are adopted in the departments

1. Weekly seminar by the students
2. Regular assignments
3. Internal assessment tests
4. Minor projects and group discussions
5. Exercises and problem solving skills

Filling up the vacant teaching posts

During the assessment period, all the vacancies in the existing and newly established departments (23) are filled. At present only three vacancies are yet to be filled.

Non Teaching Posts may be created as per requirement of the University

The man power committee constituted by the Syndicate has analyzed and submitted the report on man power requirements for the effective functioning of various sections of the University.

Presently 54 members are working at the various categories/levels including officers and Assistant Registrars. The employee's shortage is managed by appointing employee on consolidate and daily wage basis. The University administration has taken sincere efforts and requested the Government to resolve this issue at the earliest.

Organizing Parent- Teacher- Head Meetings

The department head meets the parents of the students and gives counseling and guidance at the time of joining the course. Students' representative and the faculty in charge for each class are nominated by the department to enhance the Students-Teachers-Department relation. The departments are regularly conducting Parent-Teacher- Head meeting and the suggestions are taken for consideration and implementation.

Translating some books and literary works of Tamil language for national and international recognition

The publication division functions effectively and has received grants from UGC and mobilizes funds by publishing books. Presently, this division has completed the compilation of "Tholkappiya Kandigai Aaraychi Urai" and has published the book in five volumes. This work is appreciated by eminent scholars of literature and history. This division has also taken

up the work of documenting the progressive speeches of Thanthai Periyar, Arignar Anna and has published 13 different publications at the cost of Rs.29 lakh.

Alumni Association

Alumni association functions in the name of "**Periyar University Alumni Association"** which collects Alumni details and the profile is created for the benefit of fresh and outgoing students.

Augmentation and strengthening of placement cell

Career Counselling and Placement cell actively functions in the University and it is acting as an interface between industries, Universities and Colleges. This cell has provided placement to nearly 3000 students directly or indirectly in various companies. This cell also provides training programmes to the placement officers of the affiliated colleges. In the past two years, nearly 39,503 students from University departments and affiliated colleges have participated in the campus recruitment drives.

This cell offers free career counseling programmes to SC/ST and economically weaker students. Premier IT and core companies like TCS, Infosys, Wipro, Reliance Communication, Vee Tech, Blue lotus, SBI life Insurance have conducted the campus recruitment drive in the last few years. The detailed report of the cell is furnished in the SSR.

Developing a mechanism to get feedback from academic peers, alumni, students to introduce new programmes and courses

Board of Studies of the Department is constituted with academicians, subject experts, personnel from industry and alumni as stakeholders. The suggestions provided by these persons are considered for designing new programmes and curriculae. Consultations with research bodies, laboratories and industries and their hosting internships and training programmes for students have helped us significantly to update the curricula of Arts and Science programmes offered in the University. The meeting of the Boards of Studies of various subjects and Board of Research Studies are conducted periodically and the views of students and parents are presented in those meetings. Special invitees are also invited to discuss some specific issues.

Improving the students' feedback system

The IQAC of University gets feedback for every semester through carefully prepared questionnaire by covering all aspects of teaching learning process. Content of the course, quality of teaching, availability of study materials, innovative tools of teaching etc. are included as component of questionnaire. The students' feedback on each and every aspect is studied in detail and accordingly changes are made in the curriculum and teaching.

Enhancing text books holdings in the university library

Based on the suggestions of peer team, the University has focused a lot on the development of library and enrichment of its stock. A separate library building was built and opened in 2010 with ground and first floor. For the extension of the library, the approval for second and third floor is also obtained. The University allocates huge money for procuring books and journals in the annual budgets besides funding from UGC plans.

At the time of peer team visit in 2007 the University had 29,918 text books and 1,066 reference books. At present 69,088 volumes of text books and 6,011 reference books are available. Totally 75,099 books are available in stock apart from journals and periodicals. The library is also providing free browsing of online journals of leading national and international publishers. Digitalization, introduction of bar codes, radio frequency identification technology is some of the salient features of the library. The University

subscribes 207 journals and 11 electronic recourses available through UGC INFONET digital library consortium. Detailed infrastructural facilities of library are given in the SSR.

Enhancement of communication skills among the members of young faculty

The IQAC has conducted the faculty development programme on "Excellence in Teaching" for the newly recruited faculty members of constituent colleges on leadership skills, communication skills, classroom management, time management, inter personal skills and effective teaching learning process.

College Development Council with a Dean to look after the affiliated colleges and their needs

The College Development Council and Curriculum Development Cell with a professor in- charge monitors affiliation of new colleges, courses, programmes, proposals to UGC etc. After the approval of the Vice Chancellor, the recommendations of the affiliation committee are brought forward to the syndicate.

A separate wing is created in the Registrar section to look after the requirements of affiliated colleges and this section is coordinated by a Professor.

In the meeting held on 25th July, 2014 the Syndicate has given the nod to appoint a full time Dean exclusively to look after the affairs of affiliated colleges. A full time Dean will be appointed in the College Development Council at the time of peer team visit.

Appointing a Dean of students/ Dean of youth welfare

One Professor from the University has been appointed as Dean of Students/Youth welfare. The Dean is taking care of arrangements regarding board and lodging, study, play, entertainment and scrutiny of students in the campus as well in hostels. Further, the Dean is monitoring discipline related activities in the campus. Periodically the parents of students are informed about their wards' progress.

Initiating group mediclaim to students and staff

The University has implemented the mediclaim and accident claim suggested by The New India Insurance Company to all the students of University departments and constituent colleges. The expenses for the premium (Rs.30 per person p. a) are borne by the University and the spent amount is collected in course fee. Some of the students are benefited by this scheme in constituent colleges. This scheme is extended to the consolidated and daily wage employees. The premium for that policy is also paid by the University.

Regular teaching and non teaching staff are covered by the insurance scheme announced by the Tamil Nadu Government and a sum of Rs 150/- is deducted from their salary towards premium. The New India Insurance Company is operating the insurance scheme of the regular employees of the University.

Applying for UGC/SAP/DRS I, DST FIST programmes by the departments

During the peer team visit in March 2007, the departments have not fulfilled the criteria of minimum number of years of running the courses/programmes to apply for these special programmes though the faculty members had the credentials to apply. At present, the departments of Physics, Chemistry and Geology have received the grants from DST under FIST programme and these departments have spent the FIST first phase grants and are preparing to apply for FIST Level II. Sophisticated analytical instruments are commissioned in these departments from the grants obtained under this special scheme.

The Department of Computer Science is recognized by the UGC for SAP/DRS I, to develop the good infrastructure facilities and research fellowship. Totally 11 departments have applied for UGC-SAP grant during the year 2014-15.

The Department of Food Science and Nutrition has received and utilized the funds for creating infrastructure facilities from the Ministry of Food Processing and Industries, New Delhi. The Department has established advanced research facility through this grant.

Apart from the special grants, the departments like Physics, Geology, Maths, Computer Science, Biotechnology, and Microbiology have got the grants from UGC NON-SAP and established the basic infrastructural facilities for the Post graduate course laboratories.

PROFILE OF THE UNIVERSITY

B. PROFILE OF THE UNIVERSITY

1. Name and Address of the University:

Name:	**PERIYAR UNIVERSITY**	
Address:	**Periyar Palkalai Nagar**	
City: **Salem**	Pin: **636 011**	State: **Tamil Nadu**
Website: www.periyaruniversity.ac.in		

2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Vice Chancellor	Prof.Dr.C.Swaminathan	O: 0427 – 2345565 R: 0427 – 2345464	09597505555	0427-2345565	vcperiyar@gmail.com
Registrar	Dr.K.Angamuthu	O: 0427 – 2345778 R: 0427 – 2345163	09442211288	0427-2345124	puregistrar @gmail.co m
NAAC Steering Committee Co-ordinator	Dr.R.Balagurunathan	O: 0427 – 2345778	09443446325	0427-2345124	naacpu@gmail.com
IQAC Co-ordinator	Dr.S.Kannan	O: 0427-2345766	09486252052	0427-2345124	puiqac@gmail.com

3. Status of the University:

State University	✔
State Private University	
Central University	
University under Section 3 of UGC (Deemed University)	
Institution of National Importance	

4. Type of University:

Unitary	
Affiliating	✔

5. Source of funding:

Central Government	✔
State Government	✔

6. a. Date of establishment of the university: **17th September, 1997**

  b. Prior to the establishment of the university, was it a/an

    i. PG Centre   Yes ☑   No ☐

    ii. Affiliated College   Yes ☐   No ☐

    iii. Constituent College   Yes ☐   No ☐

    iv. Autonomous College   Yes ☐   No ☐

    v. Any other (please specify)   ……………………

If yes, give the date of establishment: **December 1983** (under University of Madras)

7. Date of recognition as a university by UGC or any other national agency:

Under Section	dd	mm	yyyy	Remarks
i. 2f of UGC	09	10	1998	-
ii. 12B of UGC	17	05	2005	-
iii. 3 of UGC	-	-	-	-
iv. Any other (specify)	-	-	-	-

Certificate of recognition for 2 f and 12 B status is enclosed.

8. Has the university been recognized

  a. By UGC as a University with Potential for Excellence?

  Yes ☐   No ☑

  b. For its performance by any other governmental agency?

  Yes ☑   No ☐

Name of the agency: Department of Higher Education, Government of Tamil Nadu.

9. Does the university have off-campus centres?

  Yes ☑   No ☐

  PG Extension Centre, Dharmapuri; date of establishment: 01.07.2012

10. Does the university have off-shore campuses?

  Yes ☐   No ☑

11. Location of the campus and area:

		Location *	Campus area in acres	Built-up area in sq.mts.
i.	Main campus area	Rural	90 acres	23,192 Sq.mts.
ii.	Other campuses in the country	-	-	-
iii.	Campuses abroad	-	-	-

(* Urban, Semi-Urban, Rural, Tribal, Hilly Area, Any other (please specify)

12. Provide information on the following: In case of multi-campus University, please provide campus-wise information.

- **Auditorium/Seminar complex with infrastructural facilities**

Periyar Auditorium is furnished with seating capacity of 1500, inbuilt audio facilities covering an area of 2166.70 sq.m. The stage is facilitated with Air Conditioners with backdoor rooms. Separate toilet facilities are built for both sexes. Convocation is conducted every year in this auditorium. International conferences, workshops, book fairs etc. are also being organised in this auditorium.

- **Seminar Complexes**

Totally 5 seminar hall in Biological Sciences Block, Distance Education building, Arts Block, Science Block II and in the Avvaiyar Management building are furnished with audio, video, LCD projector facilities and internet connectivity.

- **Sports facilities**
  * *Playground*

The play ground and separate courts for different games are established in 14 acres.

  * *Indoor and Outdoor Stadium*

A proposal for financial assistance is sent to UGC (XIIth plan) for the construction of Indoor and Outdoor Stadium at the cost of 1.2 crore.

- **Hostel**
  * *Boys hostel*
    - i. Number of hostels : 01
    - ii. Number of inmates: 250

  Facilities

Reverse Osmosis System for drinking water, Computers with internet facilities, Recreation hall supplemented with TV, leading English and Tamil dailies, magazines and Employment News, fire extinguisher, kitchen and mess hall, furnished rooms, groceries and perishable store room, reading room, kitchen garden, refrigerators, eco friendly waste disposal system (proposed), solar power facilities, 10 KVA UPS Systems, adequate toilet facilities, sports and recreational facilities and cloth washing areas.

  * *Girls' hostel*
    - i. Number of hostels: 01
    - ii. Number of inmates: 250

Facilities

Reverse Osmosis System for drinking water, Computers with internet facilities, Recreation hall supplemented with TV, leading English and Tamil dailies, magazines and Employment News, fire extinguisher, kitchen and mess hall, furnished rooms, groceries and perishable store room, reading room, kitchen garden, refrigerators, eco friendly waste disposal system (proposed), solar power facilities, 10 KVA UPS Systems, adequate toilet facilities, sports and recreational facilities and cloth washing areas.

Working Women's hostel   - Not available

- ### Residential facilities for faculty and non-teaching

  Quarters for the Vice Chancellor, Registrar and Controller of Examinations are available in the University premises. Further, 4 quarters for Professors and 6 for administrative staff are also available within the campus.

- ### Cafeteria

  A Canteen is functioning in the University campus for the benefit of the students, faculty and staff. The canteen is open from 8.00 A.M. to 8.00 P.M. on all working days including Saturdays.

- ### Health centre

  A health centre was established in the University Students Amenity centre under UGC XIth plan Merged Scheme Grants and University funds. This health centre provides medical care to the students, staff and the children of the employees. A medical officer is working in health centre from 3 pm to 6 pm every day.

- ### Banking facility

  Initially one extension counter of Canara bank was functioning in the University Campus. The extension counter has been converted as full time branch in December 5, 2012. It functions from 11.00 AM to 2.00 PM and from 3.00 PM to 5.00 PM on week days. On Saturdays, it functions from 11 AM to 2 PM. The salary of all the teaching and administrative staff of our University is paid through this branch. Challan system is followed to remit the fees by the students. ATM of State Bank of India and Canara Bank are functioning in the University premises.

- ### Postal facility

  A full fledged Post Office is available in the PRIDE building. The post office is functioning from 8.00 A.M. to 12.00 P.M. and from 2.30 P.M. to 7.00 P.M. Services in the post office are sale of stamps, sending letters by speed post, registered post and parcel mode.

- ### Reprographic facility

  Reprographic facilities such as job typing, scanning, fax, internet, stationery, print out and binding works are available for students and research scholars at nominal rates.

- ### Library

  A central library is staked with 76,000 volumes of text and reference books on various disciplines. The library subscribes 207 National and International journals, 180 e-journals, 2393 CDs and 13 leading Newspapers. The library is following open access system and provides its service to meet the requirements of PG. Students, M.Phil. and Ph.D. scholars and faculty of the University. University Library has various sections such as Reference Section, Text book Section, Books for competitive Examinations,

Theses/ Dissertations' Section, Back Volumes Section, Reprographic Section, Question Banks etc. Library also extends its facilities to the students and faculty members of affiliated colleges.

- **Transport facilities to cater to the needs of the students and staff**

Periyar University is situated in Salem-Bangalore NH road. City town buses and moffussil buses are plying frequently. A bus stop is at the entrance of the University on both sides which is very useful for the staff/students. However, University is operating a separate bus for students and staff members for reaching the University easily.

- **Facilities for persons with disabilities**

Ramp facility is provided in certain buildings such as Library, Science block-II, Student amenity centre for the benefit of the differently abled students.

- **Animal house**

The proposal for construction of an animal house in the University campus at the cost of Rs. 20 lakh is under consideration.

- **Power house**

500 KVA & 250 KVA Transformers are available in the power house for the distribution of power to various buildings.

Generator power supply is available in:

Sl.No	Make	Rating	Department
1	Kirloskar Electric Co.Ltd	82 KVA	PRIDE, Arts Building & Auditorium
2	Kirloskar Electric Co.Ltd	82 KVA	COE & Science Block I & II
3	Kirloskar Electric Co.Ltd	82 KVA	Administrative Block
4	Kirloskar Electric Co.Ltd	82 KVA	Guest House & VC, Registrar, Staff Quarters, Boys & Girls Hostel, PRIMS & Student Amenity Centre.
5	Kirloskar Electric Co.Ltd	63 KVA	Old Science Block & Library
6	Kirloskar Electric Co.Ltd	63 KVA	Ideal – Administrative Block

- **Waste management facility**

The bio-wastes generated in the hostels and University premises are treated by proper waste treatment system.

13. Number of institutions affiliated to the university

Type of colleges	Total	Permanent	Temporary
Arts, Science and Commerce	**86**	**26**	**60**
Law	-	-	-
Medicine	-	-	-
Engineering	-	-	-
Education	-	-	-
Management	-	-	-
Others (specify and provide details) PG Extension Centre	01	01	-

14. Does the University Act provide for conferment of autonomy (as recognised by the UGC) to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University.

Yes ✓   No ☐   Number **05**

List of Autonomous Colleges

Sl No	Name of the College
1	Government Arts College, Salem-7
2	Sri Sarada College for Women, Salem-16
3	KSR College of Arts & Science, Namakkal.
4	Selvamm Arts & Science College, Namakkal
5	Vivekananda College of Arts & Science for Women, Namakkal

15. Furnish the following information:

Particulars	Number	Number of Students
a. University Departments		
Undergraduate	-	605 (I year)
Post graduate	23	571 (II year)
Research centers on the campus	05	
b. Constituent colleges	05	3920
c. Affiliated colleges	86	136139
d. Colleges under 2(f)	2	3323
12 (B)	21	47040
e. Colleges under 2(f) and 12B	23	50363
f. NAAC accredited colleges	9	19780
g. Colleges with Potential for Excellence (UGC)	Nil	-
h. Autonomous colleges	05	19232
i. Colleges with Postgraduate Departments	65	17800
j. Colleges with Research Departments	45	2711
k. University Recognized Research Institutes/Centres	03	16

16. Does the university confirm to the specification of Degrees as enlisted by the UGC?

Yes ✔   No ☐

If the university uses any other nomenclatures, please specify.

17. Academic programmes offered by the university departments at present, under the following categories: (Enclose the list of academic programmes offered)

Programmes	Number
UG	**Nil**
PG	**26**
Integrated Masters	**-**
M.Phil.	**24**
Ph.D.	**24**
Integrated Ph.D.	**-**
Certificate	**5**
Diploma	**-**
PG Diploma	**-**
Total	**79**

18. Number of working days during the last academic year.   **180 days**

19. Number of teaching days during the past four academic years.

150   **150**   **150**   **150**

('Teaching days' means days on which classes were engaged. Examination days are not to be included)

20. Does the university have a department of Teacher Education?

Yes ✔   No ☐

If yes,

    a. Year of establishment 17-06-2005

    b. NCTE recognition details (if applicable)

       Notification No.: F.SRC/NCTE/2009/M.Ed/RO/12001

       Date: <u>24-04-2009</u>

    c. Is the department opting for assessment and accreditation separately?

Yes ☐   No ✔

21. Does the university have a teaching department of Physical Education?

Yes [ ]   No [✔]

If yes,

a. Year of establishment ………………
   b. NCTE recognition details (if applicable)
   Notification No.: ……………………………………
   Date: ………………………… (dd/mm/yyyy)
   c. Is the department opting for assessment and accreditation separately?
   Yes [ ]   No [ ]

22. In the case of Private and Deemed Universities, please indicate whether professional programmes are being offered?

Yes [ ]   No [✔]

23. Has the university been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.

UGC and the Government of Tamil Nadu.

24. Number of positions in the University

Positions	Teaching faculty			Non-teaching staff	Technical staff
	Professor	Associate Professor	Assistant Professor		
Sanctioned by the State Government	22	29	90	52	-
UGC XIth Plan	-	-	14	-	-
Recruited	-	-	-		-
Yet to recruit	-	-	14		4
Number of persons working on contract basis	-	-	-	291 **Consolidated** 126 **NMR**	-

25. Qualifications of the teaching staff

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	28	3	14	5	48	27	125

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
M.Phil.	-	-	-	-	7	5	12
PG	-	-	-	-	2	-	2
Temporary teachers							
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	6	4	10
PG	-	-	-	-	-	-	-
Part-time teachers							
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	-

26. Emeritus, Adjunct and Visiting Professors.

	Emeritus	Adjunct	Visiting
Number	-	-	-

27. Chairs instituted by the university:

Chairs	Periyar Chair created in 1998 Anna Chair established in May 2009
School / Department	-

28. Students enrolled in the university departments during the current academic year, with the following details:

Students	UG	PG	Integrated Masters	M.Phil.	Ph.D.	Integrated Ph.D.	D.Litt./ D.Sc.	Certificate	Diploma	PG Diploma
	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F
From the state where the university is located	Nil	M-224 F-384	-	M-130 F-150	M-123 F-63	-	-	-	-	-
From other states of India	-	M-13 F-16	-	M-2 F-7	M-4 F-2	-	-	-	-	-

Students	UG	PG	Integrated Masters	M.Phil.	Ph.D.	Integrated Ph.D.	D.Litt./ D.Sc.	Certificate	Diploma	PG Diploma
	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F
NRI students										
Foreign students		F-1								
Total		M-237 F-401		M-132 F-157	M-127 F-65					

*M-Male *F-Female

29. 'Unit cost' of education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) including the salary component = 75,144.05

(b) excluding the salary component = 49,627.01

30. Academic Staff College   **Not applicable**

31. Does the university offer Distance Education Programmes (DEP)?

Yes ✔   No ☐

If yes, indicate the number of programmes offered: 97

UG: 34, PG: 31, Diploma: 15, PG Diploma: 11, Certificate Course: 06

Are they recognized by the Distance Education Council?

Under process for Distance Education Council approval.

32. Does the university have a provision for external registration of students?

Yes ✔   No ☐

If yes, how many students avail of this provision annually? : 102

33. Is the university applying for Accreditation or Re-Assessment? If Accreditation, name the cycle.

    Accreditation: Cycle 1 ☐   Cycle 2 ✔   Cycle 3 ☐   Cycle 4 ☐

    Re-Assessment: ☐

34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

    Cycle 1: 31-03-2007   Accreditation outcome/Result : **B+**

    * copy of accreditation certificate(s) and peer team report(s) enclosed.

35. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university.   Yes.

List of NAAC Accreditation Colleges
Institutions accredited by NAAC whose accreditation period is valid
(As on 24th July 2014)

Sl No	Name of the College	Cycle	Accreditation		Valid up to
1.	AVS Arts and Science College, Ramalingapuram, Salem.	I Cycle	2.58	B	24.10.2018
2.	K.S.R.College of Arts and Science,Tiruchengode, Namakkal Dt.	I Cycle	2.82	B	26.03.2016
3.	Kandasamy Kandars College, Velur, Namakkal Dt.	II Cycle	2.87	B	30.12.2014
4.	Mahendra Arts and Science College, Tiruchengode, Namakkal Dt.	I Cycle	2.26	B	04.05.2019
5.	P.G.P.Arts and Science College, Namakkal Dt.	II Cycle	2.62	B	04.05.2019
6.	Selvamm Arts & Science College Namakkal Dt.	II Cycle	3.23	A	09.07.2019
7.	Sri Sarada College for Women, Salem-16	III Cycle	3.10	A	04.05.2019
8.	Thiruvalluvar Govt Arts College, Rasipuram, Namakkal Dt.	II Cycle	2.28	B	04.07.2017
9.	Vysya College, Salem	II Cycle	3.22	A	26.03.2016

No. of colleges accredited

Government Colleges	:	1	
Government Aided Colleges	:	2	
Self financing colleges	:	6	

36. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).

IQAC   31-05-2010
AQAR   (i)   2011-12   26.12.2012
                  (ii)   2008-09   08.08.2014
                  (iii) 2009-10   08.08.2014
                  (iv) 2010-11   08.08.2014
                  (v)   2012-13   08.08.2014

37. Any other relevant data, the university would like to include.

Periyar University has been established in the year 1997 and has become one of the popular institutions of higher learning in the State of Tamil Nadu. Recent academic initiatives of the University has resulted in the establishment of new courses like Microbiology, Biotechnology, Journalism & Mass Communication, Botany, Zoology, Environmental Science, Library & Information Science and Textiles & Apparel Design. These conventional as well as innovative courses launched are facilitating the enhancement of Gross Enrollment

Ratio (GER) and placement of students. Periyar University aims to produce well qualified graduates by providing conducive learning facilities available to prospective students. Faced with new challenges of globalization, curricula have been designed to ensure that our graduates meet the demands of today's competitive job market. The university has valued the importance of research led teaching and achieved excellence in research with sustained efforts. Research is undertaken in all departments and the output has been commendable. The university received research projects funded by both National and International funding agencies. The University has taken pro active steps for encouraging research activities by providing financial assistance for students (University Research Fellowship).

To encourage and equip the aspiring students to succeed in TNPSC, SSC, UGC, UPSC etc., Periyar Institute of Administrative Studies (PRIAS) was started.

In order to make the University as a green campus, a botanical garden was created in 2 acres with different kinds of plants and trees. Also eco friendly and energy efficient measures such as solar systems, bio composting are initiated and being implemented.

The University's mission is to provide high quality education to student by imparting morally sound values and socially relevant practices, in a cost effective manner irrespective of gender, race, colour, ethnicity or religion.

CRITERIA-WISE INPUTS

CRITERION I:
CURRICULAR ASPECTS

C. CRITERIA-WISE INPUTS

CRITERION I: CURRICULAR ASPECTS

The programmes offered by Periyar University is a judicious blend of components backed by meticulous curriculum design, pertaining to cognitive, psychomotor and affective domains of learners with the objective of ensuring holistic education. The core aspects of our curriculum are flexibility, innovation, diversification and modernization which aim at academic excellence. Since curriculum forms the cornerstone of any academic institution, effective strategies have been built into the curriculum to equip the students with adequate knowledge, innovative ideas, creative thinking, scientific temper, soft skills and to imbibe ethical values so that they may play a significant role as citizens and leaders in the society. The demands made by globalization and rapid changes taking place in all the spheres of human activity are addressed keeping in mind the regional requirements by effecting reforms and revisions wherever necessary. The curriculum offers flexibility in this regard. The feedback obtained from stakeholders play a significant role in restructuring the curriculum from time to time.

1.1 Curriculum Design and Development

1.1.1. How is the institutional vision and mission reflected in the academic programmes of the university?

Vision

Imparting knowledge to the society through formal and informal modes and contributing to nation building.

Mission

- To establish teaching and research departments in the frontier areas of humanities, science and technology.
- To institute specialized Research Centres of Excellence.
- To design courses and to train students to improve academic excellence.
- To enhance academia – industry interaction to make the students employable.
- To involve in extension and outreach programmes to achieve the goal of eradicating illiteracy among the people of the jurisdictional area of the University.
- To evolve Periyar University as a globally known academic and research institution.
- To inculcate values, ethics, scientific temper and environmental awareness.

The vision and mission of the University are reflected through the following facts

1. Periyar University has instituted 23 departments offering 07 Arts programmes, 19 Science programmes with curriculum inputs in accordance with the UGC and TANSCHE norms. Teaching, Research and Extension are the core activities of all departments.
2. The University strives to provide coaching for various competitive examinations such as SET, UGC-NET, CSIR-JRF and UPSC civil services.
3. The University enables departments to establish sophisticated instrumentation facilities by mobilizing funds from various agencies thereby leading to establishment of centres of excellence.
4. Supportive / Non- major elective course, internships, certificate and short term entrepreneurship programmes are designed by the departments as components in the curriculum after obtaining the views of various stakeholders to improve skills, industrial collaboration and enhance employability.
5. Self study courses, extension activities and outreach programmes are organized by various departments to promote inclusive societal growth.

6. Visiting faculty, exchange programmes, collaborative research, international fellowships and conferences provide the opportunity to students to gain awareness on global standards.

7. Human Rights, Yoga, Vivekananda Studies, Research on Periyar, Anti-Ragging activities, Gender Sensitization and Legal Awareness enable the students to understand the value of high living and the rich and heritage value systems of India.

The following steps have been taken to communicate the vision, mission and objectives of the institution to the stakeholders:

* The mission, vision and objectives of the University are displayed at all prominent places in the University.
* It is communicated to the students through Prospectus, Newsletter, Handbook and also orally during the induction programme.
* The vision and mission statement of the University is also uploaded to the University website.

1.1.2. Does the University follow a systematic process in the design and development of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).

Yes. The Choice Based Credit System is uniformly followed by all the departments. The syllabus and curriculum are designed by the respective Board of Studies, which are approved by the Standing Committee on Academic Affairs in its meeting scheduled once in a year. Periodical revision in the courses and contents of the curriculum is made based on the examination outputs and feedback from the stakeholders. Separate Boards of Studies exist for University departments and affiliated colleges. Each Board of Studies is composed of academicians, subject experts, industrial personnel and alumni.

1.1.3. How are the following aspects ensured through curriculum design and development?

* Employability
* Innovation
* Research

The University being the seat of higher learning and the leader in quality education and academic initiatives has maintained innovation and research as its core strengths in designing and developing curriculum besides ensuring employability of the students.

Employability

Students are empowered through non-major elective/supportive courses in the curriculum; certificate courses, internships in industries, skill development courses, short term training and entrepreneurship programmes, add-on/vocational programmes, application/practical orientation courses, industrial visits, use of national laboratories and libraries as co-curricular activities to ensure better employability. Feedback from the students, alumni, parents, employers, and recruiting agencies is also considered in the framing of new curriculum.

Innovation

Innovative thoughts are promoted by experiential learning, experimentation and projects which is an integral part of the syllabus in each course. Case studies, field visits, internships, training programmes, short- term courses by inviting eminent professors from reputed institutions at national and international levels, student seminars on innovative ideas, mini project works, workshops/participatory learning courses and traditional knowledge tapping are opted as co-curricular activities.

Research

Research methodology and statistics course, application of statistical packages in statistical calculations, project work, scientific seminars/workshops/conferences, training programmes, hands on training to operate advanced analytical equipments, workshop on use of e-resources through the central library, science exhibitions, best researcher awards are built into the curricular frame work as curricular and co-curricular activities to promote the spirit of enquiry and scientific temper among students and teachers. The course work in the research area is a compulsory component in the PhD programme (UGC - 2010 guidelines for PhD students) as is the one in research methodology. Students are encouraged to publish in reputed, indexed and peer reviewed journals.

1.1.4. To what extent does the University use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the University been instrumental in leading any curricular reform which has created a national impact?

The University adheres to the norms and guidelines of the regulatory bodies such as the UGC and TANSCHE for Arts and Science programmes, NCTE for teacher education programmes and AICTE for management and computer application programmes at the PG level while framing and developing the curriculae for various programmes offered in our University.

A curriculum development cell funded by the Department of Higher Education, Government of Tamil Nadu has been established in our University to introduce reforms in curriculum as per the updates proposed by the regulatory bodies.

Inclusion of nationalism, religious amity and intellectual development through the teachings of Swami Vivekananda, Nanotechnology, Women Studies, Communication Excellence, Psychological Counselling, Yoga, Nutrition and Physical Fitness etc. are incorporated into the curricular frame work as optional courses by considering national and global priorities.

1.1.5. Does the University interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the university benefitted through interactions with the stakeholders?

The Boards of Studies of the University departments comprise academicians, subject experts, personnel from the industry and alumni members representing civil society. Consultations with research bodies, laboratories and industries and their hosting internships and training programmes for students have helped us significantly to update the curricula of Arts and Science programmes offered in the University.

1.1.6. Give details of how the University facilitates the introduction of new programmes of studies in its affiliated colleges.

The Standing Committee on Academic Affairs (SCAA) is the authority of the University to coordinate all academic affairs of the University. Our University encourages affiliated colleges to introduce new programmes or enhance the intake for the existing programmes every year within the stipulated date. The colleges have to apply to the University for recognition of a new programme or for approval of additional seats before the last date. The University initiates the process of inspection. The inspection team visits the institution to ensure the availability of required member of faculty and infrastructure and report to the University either to approve or reject or recommend rectification of shortcomings. Based on the report, the University directs the concerned Board of Studies to frame the syllabus if it is instituted already in the University; an adhoc Board of Studies is constituted if one is not instituted already in the University. Subsequently, the adhoc Board

of Studies is replaced by a regular Board of Studies. The recommendations of the Board of Studies are brought forward for the approval of Standing Committee on Academic affairs. The University also recommends the new programme for the syndicate's approval.

A Board of Research Studies (BoRS) common to all the branches of studies approves all matters concerning the research programmes undertaken in the University departments and departments of research in the affiliated and constituent colleges and centres of research recognized by Periyar University. The recommendations of BoRS are brought forward for the approval of syndicate from time to time. The curricular recommendations for MPhil programme by the respective Board of Studies are brought forward for the approval of SCAA. Besides, colleges are encouraged to introduce add-on courses with funding support from the UGC.

1.1.7   Does the University encourage its colleges to provide additional skill-oriented programmes relevant to regional needs? Cite instances (not applicable for unitary universities).

Under the CBCS pattern, the University mentors all the Boards of Studies to introduce skill oriented courses as compulsory component in the curriculum of all approved UG programmes.

Certificate courses such as Communication Excellence, NGO Management for Social development, Counselling Psychology, Nanoscience and Nanotechnology, Library and Information Science offered by University departments and centres; Internships, Supportive/Extra disciplinary and skill development courses offered under the curriculae of the PG programmes of the University departments are some of the skill oriented programmes offered to students enrolled in University departments.

The University is also offering skill oriented Certificate, Diploma and Post Diploma programmes such as Laboratory Technology, Radio Imaging Technology, Retail Management, Air Hostess, Auto CAD and CATIA, Computer Aided Manufacturing, Business Management, Early Child Care Education, Telecommunication, Guidance and Counselling, Arts and Crafts, Refraction Optometry Technology etc. through distance mode to ensure additional skills to the students in the University departments, constituent colleges and affiliated colleges.

Besides these, colleges are encouraged to introduce add-on/carrier oriented courses with funding support from the UGC. The colleges are provided academic support to start entrepreneurial development programmes specifically designed to cater to the needs of various sections of the society.

1.2 Academic Flexibility

1.2.1   Furnish the inventory for the following:

* Programmes taught on campus
* Overseas programmes offered on campus
* Programmes available for colleges to choose from

Programmes taught on campus

The academic programmes offered on the campus are shown in the Table 1.1.

Table 1.1 Programmes Offered in the University Departments (2014-2015)

Post Graduate	M.Phil & Ph.D
01. M.A. Tamil	1. Tamil
02. M.A. English	2. English
03. M.Com	3. Commerce
04. M.A. Economics	4. Mathematics
05. M.A. Sociology	5. Geology
06. M.A. Journalism and Mass Communication	6. Physics
07. Master of Education	7. Chemistry
08. M.Sc. Mathematics	8. Biochemistry
09. M.Sc. Physics	9. Computer Science
10. M.Sc. Chemistry	10. Economics
11. M.Sc. Biochemistry	11. Education
12. M.Sc. Food Science and Nutrition	12. Food Science and Nutrition
13. M.Sc. Biotechnology	13. Biotechnology
14. M.Sc. Microbiology	14. Journalism and Mass Communication
15. M.Sc. Applied Geology	15. Microbiology
16. M.Sc. Applied Psychology	16. Psychology
17. M.Sc. Botany	17. Sociology
18. M.Sc. Zoology	18. Management Studies
19. M.Sc. Bioinformatics	19. Physical Education
20. M.Sc. Environmental Science	20. Botany
21. M.Sc. Computer Science	21. Zoology
22. Master of Library and Information Science	22. Environmental Science
23. Master of Business Administration	23. Library and Information Science
24. M.B.A (Executive)	24. Textiles and Apparel Design
25. M.C.A	
26. M.Sc. Textiles and Apparel Design	
27. Certificate Courses i) Library and Information Science ii) Communication Excellence iii) Counseling Psychology iv) NGO Management for Social Development v) Television Journalism	

Overseas programmes offered on campus – Nil

Programmes available for colleges to choose from

      The academic programmes offered in the affiliated colleges are shown in the Table 1.2.

<div align="center">

Table 1.2 Programmes offered in the Affiliated Colleges (2014-2015)

</div>

Under Graduate	Post Graduate
01. B.A. English	01. M.A. Economics
02. B.A. English (C.A)	02. M.A. English
03. B.A. Economics	03. M.A. History
04. B.A. History	04. Master of Social Work
05. B.A. Political Science	05. M.A. Public Administration
06. B.A. Tamil	06. M.A. Tamil
07. B.Litt Tamil	07. M.Sc. Applied Microbiology
Other Languages (Kannada, Telugu, Arabic, Hindi, French, Sanskrit, Malayalam, Urdu)	08. M.Sc. Biochemistry
	09. M.Sc. Bioinformatics
08. B.Sc. Applied Geology	10. M.Sc. Biotechnology
09. B.C.A. (Bachelor of Computer Science)	11. M.Sc. Botany
10. B.Sc. Biochemistry	12. M.Sc. Chemistry
11. B.Sc. Bioinformatics	13. M.Sc. Computer Science
12. B.Sc. Biotechnology	14. M.Sc. Electronics and Communication
13. B.Sc. Botany	
14. B.Sc. Chemistry	15. M.Sc. Food Processing
15. B.Sc. Computer Science	16. Master of Computer Application
16. B.Sc. Electronics and Communication	17. M.Sc. Mathematics
17. B.Sc. Geography	18. M.Sc. Mathematics (C.A)
18. B.Sc. Hotel Management and Catering Science	19. M.Sc. Physics
19. B.Sc. Information Science	20. M.Sc. Software Science – (5 Years Integr.)
20. B.Sc. Mathematics	
21. B.Sc. Mathematics (Computer Application)	21. M.Sc. Statistics
22. B.Sc. Microbiology	22. M.Sc. Zoology
23. B.Sc. Nutrition & Dietetics	23. M.Sc. Textile and Fashion Designing
24. B.Sc. Physics	
25. B.Sc. Statistics	24. M.B.A
26. B.Sc. Textile and Fashion Designing	25. M.Com. Co-operation
27. B.Sc. Zoology	26. M.Com
28. B.Sc. Costume Design and Fashion	27. M.Com (Computer Application)
29. B.Sc. Physical Education	28. M.Com (Corporate Secretaryship)
30. B.B.A	29. M.Sc. Food & Nutrition
31. B.B.A. (Computer Application)	30. M.Sc. Geography
32. B.Com	
33. B.Com (Computer Application)	
34. B.Com (Co-Operation)	
35. B.Com (Corporate Secretaryship)	

36. B.Com (Electronic Banking)	
37. B.Sc. Nanoscience	
38. B.Sc. Visual Communication	
39. B.Sc. Renewable Energy Resources	
40. Career Oriented programmes funded by the UGC in the XII plan	
i) a. Certificate programme in Library and Information Science	
b. Diploma in Library and Information Science	
c. Advanced diploma in Library and Information Science	
ii) a. Certificate in Clinical Nutrition and Dietetics	
b. Diploma in Clinical Nutrition and Dietetics	
c. Advanced Diploma in Clinical Nutrition and Dietetics	
40. B.Sc. Home Science	
41. B.Sc. Psychology	
42. B.A. Journalism and Mass Communication	
M.Phil.	**Ph.D.**
1. Biochemistry	1. Biochemistry
2. Bio-Technology	2. Biotechnology
3. Botany	3. Botany
4. Chemistry	4. Chemistry
5. Commerce	5. Commerce
6. Economics	6. Economics
7. Education	7. Education
8. English	8. English
9. History	9. History
10. Mathematics	10. Mathematics
11. Microbiology	11. Microbiology
12. Nutrition and	12. Nutrition and allied subjects
13. Sericulture	13. Sericulture
14. Statistics	14. Statistics
15. Tamil	15. Tamil
16. Zoology	16. Zoology
17. Food Science and Nutrition	17. Geology
18. Geology	
19. Food Processing	
20. Political Science	

1.2.2 Give details on the following provisions with reference to academic flexibility

- a. Core /Elective options
- b. Enrichment courses
- c. Courses offered in modular form
- d. Credit accumulation and transfer facility
- e. Lateral and vertical mobility within and across programmes, courses and disciplines

a. Core / Elective options

All the PG programmes of the University departments have 11-14 Core papers for 70 credits, 3-4 Elective papers for 12 credits and 2-3 Supportive/Extra disciplinary courses for 8 credits in the CBSE pattern and in conformity with the TASNCHE and UGC norms. The University gives directions to all the affiliated colleges, to follow these norms. The autonomous colleges are instructed to adhere to these norms while framing the syllabus and designing the curriculum. Students have choice in opting for electives in each semester.

b. Enrichment courses

In the CBCS pattern of curriculum, all the PG courses permit the students to choose supportive or extra disciplinary courses with inter/multi- disciplinary approach (mix of Arts, Science and Professional courses). Skill development courses like internships, training programmes, short term courses, hands on training by eminent personalities from reputed national and international institutes, certificate programmes in coaching for IAS and NET/SET training on statistical packages, personality development programmes, yoga and value education programmes are also offered by the University departments as extra credit courses to enrich the knowledge of students. The University extends library and laboratory facilities to affiliated colleges for research.

c. Courses offered in modular form

Career oriented programmes funded by the UGC are offered in the affiliated colleges in the modular form i.e. the students enrolled in a Certificate programme are motivated to complete it in the 1st year of the UG Programme; students who completed their Certificate programme are permitted to study a Diploma programme under the same title during second year of the UG programme; and then permitted to study Advanced Diploma programme during the third year of the UG programme. The University departments are requested to mentor the colleges in their respective discipline at every stage of progress of these programmes.

d. Credit accumulation and transfer facility

University departments, constituent colleges and affiliated colleges offer programmes under the Choice Based Credit System. Examination for the courses under the programme is conducted in the semester pattern. Marks obtained in the examination are converted into equivalent grade in a ten point scale. The credits earned in the core, elective and supportive/extra disciplinary courses are accumulated. The cumulative grade point average (CGPA) is calculated on the basis of the accumulated credits in each course offered in four semesters in the case of 2 year PG programme (minimum of 90 credits) and six semesters in the case of the three year PG programme (minimum of 135 credits).

The University provides the transfer of credit facility from one institution to another institution if the students are willing to continue the same programme in other Institutions. The candidate need not take the examinations for the subjects in which he/she has already cleared while at the former institution subject to equivalency of the subject to be approved by the Board of Studies in the subject concerned in the latter institution.

e. Lateral and vertical mobility within and across programmes, courses and disciplines

The lateral entry mode of admission is provided for the MCA programme offered by the department of Computer Science to students who have completed BCA and B.Sc. Computer Science. Under the CBCS pattern, students have the opportunity to opt for any one of the elective courses in each semester and any two supportive/extra disciplinary courses in the second and third semesters from other departments which reflect the vertical mobility within and between courses and lateral mobility between programmes and disciplines respectively.

1.2.3 Does the University have an explicit policy and strategy for attracting international students?

The University has been initiating many steps to encourage international students to seek admissions into various programmes. Scholars are invited from foreign countries to utilize the bilateral programme to exchange their views and learn advanced technologies and scholars from here are permitted to visit abroad for the same purpose. The University study centres in foreign countries like Singapore and Middle East countries encourage enrollment of foreign students. The University has signed MOUs with foreign Universities (Global Open University, Netherlands; Post Society Education, London; Advanced Research Centre for Health, Environment and Space, Italy; Khon Kaen University, Thailand; Chonbuk University, South Korea) to share and exchange views, expertise, research methods and techniques.

1.2.4 Have any courses been developed targeting international students? If so, how successful have they been? If 'no', explain the impediments.

The programme offered by the University departments can be pursued by foreign nationals including NRIs with valid passports and visa issued by the government of India and refugees subject to conditions prescribed by the government and meeting the eligibility requirements. During the last four years, 683 UG students and 77 PG students under these categories have pursued their studies in the affiliated colleges of the University.

1.2.5 Does the University facilitate dual degree and twinning programmes? If yes, give details.

The University offers dual degree programme in the distance education mode. A student pursuing under graduate or post graduate programme in the University departments or the affiliated colleges can choose another programme in the distance education mode. If undergraduate students wish to pursue another UG programme through distance education they will be exempted from Part I & II examinations.

1.2.6 Does the University offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?

The Department of Computer Science and Periyar Institute Management Studies are offering PG programmes under the self financing category in addition to the aided programmes.

The programmes offered under this category are

    a. MCA
    b. M.Sc. Computer Science
    c. MBA

Except in case of fee structure, the policies are common to both self-financing and aided programmes. The University fixes a separate fee structure for the self-financing programmes. Since there is no provision to appoint permanent faculty, guest faculty are appointed with salary specified for guest faculty by the Government of Tamil Nadu.

1.2.7   Does the University provide the flexibility of bringing together the conventional face-to-face mode and the distance mode of education and allow students to choose and combine the courses they are interested in? If 'yes,' give operational details.

The University offers many programmes in the distance mode and the degrees earned through the regular conventional as well as the distance mode are treated as equivalent for all purposes including the eligibility criteria for admission into higher courses. The University allows students to choose and combine the courses in the conventional mode with those in the distance mode. In the event of a student not being able to complete the programme in the conventional mode or discontinuing the studies, he/she is permitted to continue the programme in the distance education mode.

1.2.8   Has the University adopted the Choice Based Credit System (CBCS)? If yes, for how many programmes? What efforts have been made by the University to encourage the introduction of CBCS in its affiliated colleges?

The University has adopted the choice based credit system for all the programmes offered in the University departments and affiliated colleges from the academic year 2005 – 2006 and 2006-2007 onwards respectively.

1.2.9 What percentage of programmes offered by the University follow

* Annual system   : 0%
* Semester system   : 100%
* Trimester system   : 0%

1.2.10 How does the University promote inter-disciplinary programmes? Name a few programmes and comment on their outcome.

The University offers Arts programmes like M.A. Sociology, M.A. Journalism and Mass Communication and Science programmes such as M.Sc. Biotechnology, M.Sc. Environmental Science, M.Sc. Food Science and Nutrition, M.Sc. Microbiology, M.Sc. Biochemistry, M.Sc. Bioinformatics as interdisciplinary programmes. The Centre for New and Renewable Energy Studies, Centre for Biodiversity and Forest Studies, Centre for Geo-informatics and Planetary Studies, Women's Studies Centre, Centre for Nanoscience and Nanotechnology, Centre for Tamil Computing, Centre for Swami Vivekananda Studies, Art and Culture Centre, Kalaignar Research Centre are the nodal points for inter-disciplinary/collaborative research and teaching. The Certificate, Diploma and Post Diploma programmes offered in PRIDE and the supportive courses offered in all the PG programmes of University departments and Extra Disciplinary Courses offered in affiliated colleges also promote the scope for inter – disciplinary studies.

While organizing special lectures/workshops/seminars/symposia/conferences on contemporary issues in different disciplines at the local, national and international levels for the benefit of the students and teachers of affiliated colleges as well as the University, academic experts from different disciplines are invited. This facilitates coordination among subject experts of different disciplines within and outside the University leading to identification of cutting edge interactions between disciplines that have significant bearing on curriculum design in an inter-disciplinary perspective.

Outcome of this approach

(a) Knowledge and skill enhancement.
(b) Interdisciplinary approach and collaboration in research among the University Departments.
(c) Widened scope for employability.

1.3   Curriculum Enrichment

1.3.1   How often is the curriculum of the University reviewed and upgraded for making it socially relevant and/or job oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

Normally the curriculum of the University (the programmes offered in University departments, constituent college and affiliated colleges) is reviewed and upgraded once in three years by convening several meetings of Boards of studies and discussion with students and other stakeholders. However, the University departments are encouraged to revise the curriculum in between the successive academic years for making it socially relevant and also meeting the emerging needs of the students and stakeholders. The Standing Committee on Academic Affairs meets once in a year to discuss and approve the changes recommended by respective Boards of Studies.

1.3.2   During the last four years, how many new programmes at UG and PG levels were introduced? Give details.

a. **Inter-disciplinary** – M.Sc. Biotechnology, M.Sc. Microbiology, M.Sc. Environmental Science, M.Sc. Zoology, M.Sc. Bioinformatics, M.Sc. Botany, M.Sc. Library and Informational Science.

b. **Programmes in Emerging Areas -** The following five new programmes were introduced to be offered by the University departments during the year 2011-12.
   1. Botany
   2. Bio-Informatics
   3. Environmental Science
   4. Library and Information Science
   5. Zoology

1.3.3   What are the strategies adopted for the revision of the existing programmes? What percentage of courses underwent a syllabus revision?

The global challenges, feedback from stake holders of higher education, infrastructure facilities, innovation and employability and notable views of Curriculum Development Cell are the strategic key points for the revision of existing programmes. The University encourages the department Board of Studies to review, revise and ratify the curriculum to keep pace with current trends and development in their field concerned as and when required.

All the programmes offered in the University departments have undergone syllabus revision periodically at least once in three years after taking into account the guidelines framed by the UGC and other apex regulatory bodies, structured feedback from the stakeholders, employability, contemporary societal needs, imparting skill development techniques, experiential learning techniques, value based education, adoption of inter-disciplinary approach, global requirements, in-depth exposure to the subject, channels for higher degrees and keeping abreast of events in relevant disciplines.

1.3.4   What are the value-added courses offered by the University and how does the University ensure that all students have access to them?

Environmental studies in UG programmes and Human rights in PG programmes are the mandatory value added courses offered by the University with the allotment of two credits.

Yoga and Meditation classes, special lecture/workshop/conference/seminar/ symposium/training programmes offered through Centre for New and Renewable Energy Studies, Centre for Biodiversity and Forest Studies, Centre for Geo-informatics and Planetary Studies, Women's Studies Centre, Centre for Nanoscience and Nanotechnology, Centre for

Tamil Computing, Centre for Swami Vivekananda Studies, Arts and Culture Centre, Kalaignar Research Centre of University also ensure inculcation of moral and environmental values in students enrolled in the University departments.

The University departments are also imparting instruction in moral and ethical values relevant to the subject concerned through establishment of actively functioning student clubs like PUM (Department of Microbiology), Nutrition and Health Club (Department of Food Science and Nutrition), Psychological Well Being Club (Department of Psychology), Animal and Human Ethical Committee, NSS, YRC etc.

The supportive courses offered as value added courses by the University departments are mentioned in Table 1.3.

Table 1.3 Supportive Courses offered by the University Departments

S.No.	Name of the Department	Value added courses offered as supportive courses
1.	Geology	Earth System Science, Water Resource Management
2.	Biochemistry	Biodiversity, Methods in Molecular Biology, Tools and Techniques in Bioscience
3.	Biotechnology	Herbal Biotechnology, Bioinformatics and Research Methodology
4.	Botany	Mushroom Technology, Herbal Technology
5.	Chemistry	Fundamental Aspects of Electroanalytical Techniques, Industrial and Agricultural Chemistry, Chemistry of Natural Products, Chemistry of Industrial Products, Pharmaceutical Chemistry
6.	Commerce	Principles of Accountancy, Human Resource Management
7.	Computer Science	Principles of Information Technology, Fundamentals of Computers & Communications, Fundamentals of Programming, Fundamentals of databases, E-commerce
8.	Economics	Economics for Competitive Examinations, Banking Theory and Policy
9.	Education	E- Resources for Researching in Higher Education, Pre -marital Education, Man - Making Education
10.	English	English for Everyday Communication
11.	Environmental Science	Environment and Ecology, Global Warming and its Impact, Environmental Planning & Sustainable Development, Environmental Impact Assessment and Environmental Audit
12.	Food Science and Nutrition	Food Preservation, Bakery, Family Meal Management, Nutrition and Physical Fitness
13.	Journalism and Mass Communication	Tamil Computing and Tamil Journalism

14.	Library and Information Science	Information Sources in Humanities and Social Sciences, Information Sources in Science and Technology, Information Search Techniques
15.	Master of Business Administration	Business Ethics
16.	Mathematics	Numerical and Statistical Methods, Statistics
17.	Microbiology	Entrepreneurship in Microbiology, Human Infectious Diseases & Diagnostics, Microbial Technology, Medical Laboratory Technology, Microbial Nanotechnology
18.	Physics	Laser and its Applications, Electronics in Daily Life
19.	Psychology	Psychology for Effective Living, Psychology of Personality and Adjustment
20.	Sociology	Sociology for Competitive Examinations, Personality Development
21.	Tamil	Language Competence
22.	Zoology	Vermiculture, Molecular Oncology

All the students in the campus have access to the above value-added programmes and in fact the instruction and examination schedules for these courses are designed in such a way that the candidate can attend them at ease without compromising the regular academic activities at the campus.

1.3.5   Has the University introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation (NSDC) and other agencies?

Out of the 21 areas identified by the NSDC for the purpose of introducing higher order skill development programmes, the University has launched such UG/PG programmes such as Food Processing, Journalism and Mass Communication, Bioinformatics, Textiles and Apparel Design, Electronics and Communication, Cooperation, Corporate Secretaryship, Electronic Banking, Renewable Energy Resources, Nanoscience, Information Science etc. in the University Departments and Affiliated Colleges. All Certificate, Diploma and Post Diploma programmes offered by the University through the distance mode are skill oriented in consonance with the national requirements as outlined by the NSDC.

The University departments especially Periyar Institute of Management Studies, Department of Economics, Department of Journalism and Mass Communication, Department of Commerce, Department of Psychology, Entrepreneurship Cell and Women's Studies Centre have conducted various skill development programmes (minimum one week duration) in accordance with the guidelines of the skill development agencies funding the programme. During the assessment period, the Career Guidance and Placement Cell of the University has trained 20000 students and teachers in collaboration with companies and firms like TCS, INFOSYS, WIPRO, BSNL-RTGI, THADCO, TSSC and UTL; Students from SC/ST, under privileged and weaker sections of the society have been trained through affirmative action programmes. A language lab is established in the University to enable students to strengthen their vocabulary and improve listening and speaking skills. The software also give exposure to idiomatic sense and nuances of the English language.

1.4   Feed Back System

1.4.1   Does the University have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

The IQAC of Periyar University was established in May, 2010 in accordance with the NAAC guidelines to obtain the students' feedback on curriculum contents and quality of teaching with regard to programmes offered in the University departments for every semester. The expert committee which includes representation of each Department reviews the feedback by students and sends its recommendations to Boards of Studies and to the Heads of the Departments.

1.4.2   Does the University elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and its impact.

The methods by which the University secures feedback on the curriculum from experts of national and international repute are,

- Opinion / informal feedback on curriculum by the experts both national and international visiting university departments, visiting fellows/professors invited under the visiting professor scheme both national and international.
- Making use of national and international seminars/conferences/ workshops conducted in the campus to expose the university curricula to national and international experts and thereby eliciting their view points.
- The opinions of Industry experts collected during internships and industrial visits, job oriented experiences gained by students, input by alumni and feedback from community help in identifying competency gaps based on which curriculum update is done by each department to make the students more job ready.
- Parking the detailed syllabi of all the programmes offered by the University and affiliated colleges on its website www.periyaruniversity.ac.in to facilitate for receiving feedback from the stakeholders.
- Organizing faculty workshops exclusively for curriculum design and development wherein experts are invited to guide chairpersons and members are Boards of Studies on curriculum framework.

1.4.3   Specify the mechanism through which affiliated institutions give feedback on curriculum enrichment and the extent to which it is made use of.

- In the UG and PG Boards of Studies pertaining to each discipline faculty representing affiliated institutions give their feedback. They are involved in the decisions taken at the meeting of the BOS about curriculum enrichment/modification/revision and development of new courses.
- A University faculty representative is also nominated to the Board either as chair person or subject expert especially to get and give feedback on curriculum enrichment.
- The University periodically conducts meetings with the Principals of the affiliated colleges preside over by the Vice-Chancellor along with the Registrar, Members of Standing Committee on Academic Affairs and College Development Council. Feedback from the Principals on the curriculum will be taken into account while initiating decisions on academic aspects.
- Periodical review of recognized UG and PG programmes till their permanent affiliation also enables the affiliated colleges to express their views on curriculum revision and up gradation.

- At the time when the parent departments in the campus organize seminars/workshops/conferences, the faculty from affiliated institutions participate and find an opportunity to discuss and convey their views regarding curricular aspects with the respective Heads of the Departments who may be the chair person of the Board of Studies.

1.4.4   What are the quality sustenance and quality enhancement measures undertaken by the University in ensuring the effective development of the curricula?

Quality Sustenance Measures are

- Weekend seminars, assignments by students for each course as mandatory component under PG programmes, course work in MPhil. and PhD. programmes.
- Assessment of the impact of curricular aspects by analyzing the examination results and placements.
- Feedback from stakeholders like parents, industries and University experts; providing flexibility to students to suggest the design of their curriculum.
- Balanced curriculum revision of UG/PG courses interwoven with employability cum entrepreneurship skills and social orientation component.
- Evaluation of the quality of curriculum by Internal Quality Assurance Cell in the University.
- Periodical revision of the existing curriculum at least once in three years.
- Periodical feedback from the Curriculum Development Cell funded by Tamil Nadu State Council for Higher Education to provide vital inputs to the University to initiate quality sustenance and quality enhancement measures.

Quality Enhancement Measures are

- Recommendation of standard reference materials from reputed publishers for students and teachers.
- Up-load of E-resources on courses in the library website.
- Academic flexibility to pursue an extra Diploma/Certificate programme to compete in the job market.
- Improvement of quality of teaching consistently by arranging pedagogical training for faculty members of the University Departments, Constituent Colleges and Affiliated Colleges and to further motivate them in Research & Development (R&D).
- Conducting of Orientation Programmes for students at the beginning of each academic year.
- Encouraging the faculty to participate in Orientation/Refresher/Capacity Building/Training Programmes offered by national bodies such as UGC, DST to keep them updated regarding their subject areas.
- Encouraging inter-disciplinary approach both in curricular design and research programmes.
- Introducing value-added courses/add-on courses to suit the career requirements of students.
- Regular conduct of faculty meeting in the respective disciplines to make the curriculum compatible to meet contemporary societal needs.
- Organizing guest lectures and training programmes by top executives and Industrialists.
- Networking with industries and professional bodies for effective development of the curriculum.
- Offering programmes on moral values and ethics and environmental and health awareness through NCC, NSS & Sports.

1.4.5 **Any other information regarding Curricular Aspects which the university would like to include.**

- Most of the Departments conduct **Alumni Meet** periodically which facilitates interaction of current students with alumni, feedback on industry requirements for suitable modification and curriculum enhancement.

- **Meta University Concept** – Students can pursue their programme in three state-run Universities and benefit from their expertise and infrastructure simultaneously. The collaboration proposal of Periyar University with Bharathiar University, Coimbatore and Bharathidasan University, Trichy to start post graduate courses in Geology, Computer Applications, Biotechnology and Nanotechnology was discussed during the Vice-Chancellors' conference convened by the Tamil Nadu State Council for Higher Education, Chennai during the academic year 2013 -14.

CRITERION II:
TEACHING-LEARNING AND EVALUATION

<div align="center">CRITERION II : TEACHING-LEARNING AND EVALUATION</div>

Realizing the significance of institutional accountability in teaching-learning and evaluation process, Periyar University has created a rich tradition of quality oriented and value added teaching-learning with enterprising teachers and enthusiastic learners. All the existing academic programmes introduced are ably backed by student- centric teaching, participative learning and innovative evaluation methods well supported by modern technologies. The diverse requirements of fast as well as slow learners are duly taken care of, with appropriate strategies that enable the students to gain a competitive edge in the competitive world. Constant efforts are being taken to assess students' performance and learning outcomes as often as possible which keeps Periyar University at the forefront of higher education.

2.1 Student Enrolment and Profile

2.1.1 How does the University ensure publicity and transparency in the admission process?

The university regularly issues advertisement in leading national and regional news papers every year for admission to PG and M.Phil. programmes. The advertisement is also uploaded to the university website. Each department has an admission committee comprising the Head of the Department and the faculty. The admission committee processes the applications and the shortlisted applicants are informed of the entrance test well in advance by the respective Heads of the departments. The admission is monitored by the admission committee of the university constituted for this purpose. Then, the list is uploaded to the university website with the ranks obtained by the students. The shortlisted students are informed by post. Thus, the university maintains complete transparency in the admission process.

2.1.2 Explain in detail the process of admission put in place by the University. List the criteria for admission: (*e.g.*: (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common entrance test conducted by state agencies and national agencies (v) other criteria followed by the university (please specify).

All the departments strictly follow the admission guidelines of the Government of Tamil Nadu. If the number of applications received by the department exceeds the sanctioned strength, an entrance examination is conducted. Fifty percent of the marks obtained by the applicant in the qualifying examinations and fifty percentage of marks from the entrance examination are considered in granting admission. If the number of applications received by the departments is less than the sanctioned strength, the applicants are invited for counselling and admission is given to the candidates with minimum eligibility criteria prescribed for the programme.

For admission to M.Phil. and Ph.D. programmes academic merit, performance in the entrance test and the interview are the determining factors in admission.

For MCA and MBA programmes the score obtained in common entrance test conducted by State agencies (TANSET) and National agencies (CAT) are taken into account for admitting students.

In all the cases, the university maintains the merit and reservation policy of the Government of Tamil Nadu.

2.1.3 Provide details of admission process in the affiliated colleges and the university's role in monitoring the same.

The affiliated colleges of the University adhere to the admission procedures and guidelines issued by the Directorate of Collegiate Education and the Government of Tamil Nadu. The University nominates representatives to various committees of affiliated colleges

to oversee the admission process. If there is a specific complaint/grievance from students/ parents, the University conducts an enquiry and takes corrective action on the issue.

2.1.4   Does the University have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

Yes, the University reviews the admission process of all the Departments by constituting an expert committee and verifies the selection list objectively. If there is thin/poor enrolment of students in a Department, it is viewed with concern and suitable directions are issued to enhance the enrolment.

2.1.5   What are the strategies adopted to increase / improve access for students belonging to the following categories:

* **SC/ST   * OBC   * Women**
* **Persons with varied disabilities**
* **Economically weaker sections**
* **Outstanding achievers in sports and other extracurricular activities**

The University follows the communal reservation norms in the admission of students from SC/ST, OBC and other deprived sections of society. Also, the University provides special reservation quota for outstanding achievers in sports and games as well as the differently abled.

For SC/ST students applications are issued at free of cost. Tuition fee is waived for these students. The University helps these students to get financial assistance from the state and central governments as well as from different funding agencies.

Since the University gets required applications for various programmes from the above categories, no special attention / effort is required to admit students from SC/ST and OBC categories.

2.1.6   Number of students admitted in University Departments in the last four academic years:

Table 2.1 shows the number of students admitted in the last four academic years.

Table 2.1 Students admitted in the University Departments

Categories	Year 1 2010-11		Year 2 2011-12		Year 3 2012-13		Year 4 2013-14	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	119	85	100	91	115	94	113	112
ST	9	2	6	6	11	3	7	7
OBC	270	240	216	269	231	259	203	239
General	34	55	38	68	42	69	50	71
Others	-	-	2	5	1	7	1	-

2.1.7   Has the University conducted any analysis of demand ratio for the various programmes of the University Departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.

Yes. The University has conducted an analysis of demand ratio.

Table 2.2 shows the Analysis of Demand Ratio for the Academic Year 2013-2014.

Table 2.2 Demand Ratio for the Academic Year 2013-2014

Sl No	Department	Demand Ratio
1	Biochemistry	1:1.2
2	Biotechnology	1:1.9
3	Botany	1:1.16
4	Chemistry	1:4.3
5	Commerce	1:4.4
6	Computer Science	MCA (Aided) - 1:1.5 MCA (Self)- 1: 0.9 M.Sc. – 1:2.6
7	Economics	1:0.4
8	Education	1:3.4
9	English	1:3.9
10	Environmental Science	1:0.4
11	Food Science & Nutrition	1:0.9
12	Geology	1:1.3
13	Journalism & Mass Communication	1:0.6
14	Library & Information Science	1:0.8
15	Mathematics	1:6.8
16	Microbiology	1:3.6
17	Physics	1:5.1
18	PRIMS	1:1.44
19	Psychology	1:0.3
20	Sociology	1:0.1
21	Tamil	1:0.9
22	Zoology	1:0.8

It is witnessed from the admissions done at the affiliated colleges those employability skills and various opportunities for personal and professional growth determine the rise / decline in the demand for various programmes. The University encourages the colleges to work on new programmes, sanctioning additional seats where the demand is higher. In the University departments, the HODs are permitted to extend the last date for applying where demand for the programme is less. In some cases, the staff members from departments visit other institutions to conduct awareness campaign on the programme offered.

2.1.8   Were any programmes discontinued/ staggered by the university in the last four years? If yes, please specify the reasons.

　　　　No

2.2   Catering to Student Diversity

2.2.1   Does the University organize orientation / induction programme for fresher? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.

Almost all the departments organize induction programmes for fresher. Many departments of the university organize orientation programmes for a period of 3-5 days during the first week of the academic year. Students are sensitized on the university culture, provided with information about the opportunities, avenues and scope for their subject. Experts from Career Guidance & Placement Cell as well as Psychological Counselling Cell of this university provide information regarding career opportunities and student diversity. Experts from the Anti Ragging Cell and Students Grievance Redress Cell provide information about student rights on various issues. Based on students' feedback as well as the UGC guidelines, Legal Aid Club (2012-13) and Anti Sexual Harassment Cell (2013-14) have been formed to help the students during their course of study.

2.2.2   Does the University have a mechanism through which the "differential requirements of the student population" are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

The University addresses various requirements of the students immediately after the admissions and before the commencement of the classes. The entry behaviour of students is gauged and suitable modes of progression are designed.

The key issues such as standards of education, board and lodging requirements are studied by a team and solutions to these issues are identified and implemented.

2.2.3   Does the University offer bridge / remedial / add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

The Departments of Microbiology, Food Science and Nutrition, Biochemistry, Environmental Science and Psychology offer bridge courses for their students during the second week of the academic year. All the faculty members in the department are involved in this programme. This is scheduled for five working days.

A separate remedial coaching centre is functioning in the University which guides all the departments to organize programmes for the benefit of slow learners during 5-6 pm on all the working days. Apart from this each department conducts remedial classes for the weak students to equip them to face the university exams. The high achievers are assigned as team leaders for peer based learning groups. These high achievers are extremely helpful to the slow learners in achieving success in academic performance.

2.2.4   Has the University conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, physically handicapped, slow learners, etc.? If yes, what are the main findings?

The examination results of various programmes conducted by the University Departments do reflect the academic performance of the students.

The University is named after Periyar, a great reformer and visionary, takes special care so that students from the disadvantaged sections of society enjoy the benefits of education. Hence, to fulfil the dreams of Periyar, the University conducted a survey on the

academic growth of students from educationally, economically and socially disadvantaged sections of the society. Nearly 50% of our students are found to be the first graduates of their family and they have had little exposure to academic programmes. Hence, special care/attention is given to such students by the University.

2.2.5   How does the University identify and respond to the learning needs of advanced learners?

The class room is a heterogeneous group with students of varying capabilities. The University departments identify the advanced learners and provide ample opportunity to excel well in their academic programmes.

The advanced learners are encouraged to participate in various workshops, seminars and conferences at the national and international levels. They are also encouraged to apply for special students research projects sponsored by various agencies. They are also encouraged to visit research institutions of national importance. They are nominated to guide the weaker students through 'peer tutoring' techniques.

2.3   Teaching-Learning Process

2.3.1   How does the University plan and organise the teaching, learning and evaluation schedules (academic calendar, teaching plan, evaluation blue print, etc.)?

The university has constituted a committee with senior faculty members to design the academic calendar, teaching plan etc. The committee meets in the month of May every year and prepares a draft academic calendar which specifies the dates of examinations for internal assessment, semester examinations, payment of fees etc. This draft academic calendar will be finally approved by the Vice Chancellor. Copies of the academic calendar will be given to the department faculty and students well in advance in order to enable the departments to organize teaching-learning and evaluation schedule. Some of the departments maintain a department calendar and a teaching plan which provides a clear schedule for the month wise coverage of subject matters. The blue print for evaluation is based on Bloom's Taxonomy of educational objectives.

2.3.2   Does the University provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

Yes, at the time of admission the University Departments provide the syllabus copy, regulations of the programmes, methodology of evaluation etc. to the admitted students.

The students are also provided information regarding the lab activities and protocols to be followed. It is observed that providing this kind of information enhances the academic efficiency of students. This activity is monitored by the Heads of the department as well by the admission coordinator of the department.

2.3.3   Does the University face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.

Normally, the curricula of various programmes offered in the University are completed in time. However, during the closure of institutions for long periods due to regional/national issues, the University runs into difficulties in implementing the time frame and calendar. Under such circumstances, the University conducts extra classes on Saturdays and holidays to compensate the lost hours.

2.3.4   How is learning made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

The faculty adopt various mechanisms to make the learning student-centric. Developing 'e' resources, conducting personality development programmes, enhancing communication skills and providing coaching for civil service examinations are some of the holistic approaches taken to enhance learning.

The following participatory learning activities have been adopted by the departments.

a. Specific Assignment Writing
b. Group Discussion
c. Movie Screening and Report Writing
d. Student Seminars
e. Quiz Competition
f. Weekly Seminars
g. Publishing Research Articles
h. Role plays
i. Case study analysis
j. Peer tutoring
k. Mini projects
l. Field study
m. Management games
n. Team teaching

2.3.5   What is the University's policy on inviting experts / people of eminence to deliver lectures and/or organize seminars for students?

In the annual budget of the Departments, the University allots grants to invite experts/eminent professors to deliver lectures and to carry out collaborative research. This policy is being implemented in the University right from its inception.

From the allotted grants, each department organizes state/ national level workshops and special lecture programmes. Eminent scholars are invited as resource persons for these programmes.

2.3.6   Does the University formally encourage blended learning by using e-learning resources?

Yes, the University encourages blended learning first by making them aware of e-resources and then instructing them in best ways to utilize them. The University Library has e-resources for various subjects and also has web link with publishers of journals and books.

2.3.7   What are the technologies and facilities such as virtual laboratories, e-learning, open educational resources and mobile education used by the faculty for effective teaching?

E-learning, educational CDs, video conferencing, mobile technologies and audio visual aids are some of the open education resources and technologies used by our faculty for effective teaching.

2.3.8   Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the University's educational processes?

Yes. Each department has formed a quality circle which monitors this activity. At the university level the Curriculum Development Cell monitors the same.

2.3.9   What steps has the University taken to orient traditional classrooms into 24x7 learning places?

The University has taken many efforts to convert the traditional class rooms into 24 X 7 learning places. Students are exposed to outside class room learning atmosphere in the following ways:

        a.   Field work and educational tours.
        b.   Online facilities available through web resources.
        c.   Project work.
        d.   Industrial visits.
        e.   Educating the University locale.

2.3.10   Is there a provision for the services of counsellors / mentors/ advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.

The Sociology and Psychology departments of the University provide services to the students by addressing academic, personal and psycho social issues. Apart from that, each department provides student mentoring services. Under each faculty member three to five students are allotted for mentoring. Students are provided with personal, occupational and academic guidance by the mentor-teacher. For emotional problems students are referred to the Department of Psychology where personal counselling is provided by qualified personnel. The Student Grievance Redress Cell of the University meets once in a week to resolve grievances.

2.3.11   Were any innovative teaching approaches/methods/practices adopted/put to use by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

Yes. The University departments have adapted to innovative teaching practices. Smart class rooms with video conference facility are established through curriculum development cell in some of the departments which enable the faculty to improve their teaching skills. This has created a greater impact in enhancing the learning skills of students. Live demonstration of science experiments and hands on training to students in handling sophisticated analytical instruments are given to augment the conventional learning thus bringing innovation.

The University gives due recognition to those faculty who introduce innovative methodologies by honouring them with best teacher awards.

2.3.12   How does the University create a culture of instilling and nurturing creativity and scientific temper among the learners?

The University departments are actively involved in carrying out research projects and motivate the scholars to come out with innovative findings and quality publications. Mini projects of social relevance are undertaken by the students. The departments conduct various science programmes, exhibitions at the regional/national/international levels to create scientific temper. Recently, a regional level Science Colloquium was organized by the University which attracted a good number of students and scholars from across Tamil Nadu. This grand regional Science Colloquium was inaugurated by His Excellency Governor of Tamil Nadu.

2.3.13 Does the University consider student projects mandatory in the learning programme? If yes, for how many programmes have they been (percentage of total) made mandatory?

*   **Number of projects executed within the University**
*   **Names of external institutions associated with the University for student project work**
*   **Role of faculty in facilitating such projects**

Yes. The student projects are mandatory in all the programmes offered in the University Departments. Approximately 500 projects are executed by the University departments in every academic year.

The external institutions associated with the University for Students' Project works are as follows:

*   National Laboratories / Universities
*   Nationalized Banks
*   Public Sector Industries
*   Salem Steel Plant
*   Cooperative Societies
*   Tamil Nadu Magnesite Ltd.
*   Private Small Scale Industries
*   Tamil Nadu Transport Corporation
*   Thermal Plant
*   Private Laboratories

Faculty from the departments act as project coordinators and they monitor the progress of the project at every stage.

2.3.14 Does the University have a well qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

Yes. The university has well qualified pool of human resources to meet the requirements of the curriculum. The university also invites subject experts from other institutions and experts from industries while planning the curriculum.

2.3.15 How are the faculty enabled to prepare computer-aided teaching/ learning materials? What are the facilities available in the university for such efforts?

The class rooms in the University Departments are equipped with LCD projectors. The campus is connected with 1Gbps internet connectivity via optical fibre cable besides Wi-Fi connectivity. The faculty in the University departments make use of these facilities for computer aided teaching and learning. Computer assisted instruction developed by the staff members concerned and special educational software packages are utilized to enhance the quality of teaching learning process.

2.3.16 Does the University have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?

Yes. The IQAC of the University obtains feedback from students on each course taught as well as on each faculty for every semester. The students' feedback is carefully analysed by the IQAC committee and appropriate instructions are given to the faculty to improve the quality of the teaching-learning process.

2.4   Teacher Quality

2.4.1   How does the University plan and manage its human resources to meet the changing requirements of the curriculum?

The Curriculum Development Cell of the University organizes programmes for members of the Board of Studies and Chairpersons to update the curriculum according to the changing requirements. The University is also deputing faculty to attend refresher courses, orientation courses and summer schools to update knowledge.

2.4.2   Furnish details of the faculty

The detail about university faculty is presented in Table 2.3.

Table 2.3 Faculty Members in the University Departments

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	**Female**	**Male**	**Female**	**Male**	**Female**	
Permanent teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	28	3	14	5	48	27	125
M.Phil.	-	-	-	-	7	5	12
PG	-	-	-	-	2	-	2
Temporary teachers							
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	6	4	10
PG	-	-	-	-	-	-	-
Part-time teachers							
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	-

2.4.3   Does the University encourage diversity in its faculty recruitment? Provide the following details (department / school-wise).

Yes. It is shown in Table 2.4.

Table 2.4 Diversity in Faculty Recruitment:
Percentage of Teachers from Various Universities

% of faculty from the same university	% of faculty from other universities within the State	% of faculty from universities outside the State	% of faculty from other countries
1.48	97.82	0.7	0

2.4.4 How does the University ensure that qualified faculty are appointed for new programmes / emerging areas of study (Bio-technology, Bio-informatics, Material Science, Nanotechnology, Comparative Media Studies, Diaspora Studies, Forensic Computing, Educational Leadership, etc.)? How many faculty members were appointed to teach new programmes during the last four years?

The University appoints faculty as per the qualifications prescribed by the UGC for new programmes/emerging areas of study (Biotechnology, Computer Science etc). In the last 4 years, faculty from the disciplines shown in the table below have been assigned the task of teaching courses in new/emerging programmes.

Table 2.5 Faculty recruited to teach new courses in the last four years

	Professor	Associate Professor	Asst. Prof
Microbiology	1	1	4
Biotechnology	1	1	4
Computer Science	-	1	1
Journalism and Mass Communication	1	1	4
Psychology	-	1	4
Sociology	1	1	4
Botany	1	1	4
Zoology	1	1	4
Environmental Science	1	1	4
Library and Information Science	1	1	4
Textiles and Apparel Design	-	1	1

2.4.5 How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the university?

Visiting Professors are invited to deliver special lectures by the departments of study and research. A separate budget allocation is made in the university budget for inviting visiting professors and carryout collaborative research. Efforts have been initiated to invite these categories of scholars to the university departments.

2.4.6 What policies/systems are in place to academically recharge and rejuvenate teachers (*e.g.* providing research grants, study leave, nomination to national/international conferences/seminars, in-service training, organizing national/international conferences etc.)?

The University motivates and encourages the faculty to avail funded research projects, liberally granting leave on other duties and financial assistance to participate in the National, International conferences, seminars and in service training programmes.

The University also encourages the deputation of faculty to carry out collaborative research with National and International laboratories under the exchange programmers of UGC, DST, INSA, CSIR etc. The faculty members of Arts and Humanities are also encouraged to take up visiting fellowship under summer research programmes sponsored by Indian Academy of Science, ICSSR, NCERT, NCTE, NUPEA, IGNOU, Tata Institute Social Sciences and so on.

The University also provides funds to each department to organize seminars/conferences/workshop etc. The faculty are encouraged to participate in short term courses, UGC sponsored orientation and refresher courses conducted by the Academic Staff Colleges of other universities to update knowledge and practices.

2.4.7   How many faculty received awards / recognitions for excellence in teaching at the state, national and international level during the last four years?

Totally 129 awards were received by the faculty of various departments for their excellence in teaching and research during last four years.

2.4.8   How many faculty underwent staff development programmes during the last four years (add any other programme if necessary)?

The faculty members attended staff development programmes during the last four years is presented in Table 2.6.

Table 2.6 Faculty Members attended Staff Development Programmes in the Last four Years

Academic Staff Development Programmes	Number of faculty			
	2010-11	2011-12	2012-13	2013-14
Refresher courses	16	12	20	13
HRD programmes	1	-	-	-
Orientation programmes	10	8	4	3
Staff training conducted by the University	3	2	1	1
Summer/Winter schools, workshops, etc.	13	18	13	10

2.4.9   What percentage of the faculty have

* **been invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies?**

* **participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies?**

* **presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies?**

* **teaching experience in other universities / national institutions and other institutions?**

* **industrial engagement?**

* **international experience in teaching?**

    * 60% of faculty have been invited as resource persons in workshops/ seminars/ conferences organized by the external professional agencies

    * Almost 100% of the faculty have participated in external Workshops/Seminars/Conferences organized by National/ International/ Professional bodies.

    * Nearly 100% of the faculty have presented papers in Workshops/Seminars/Conferences conducted or organized by professional agencies.

* 80% of our faculty members have teaching experience in other Universities / National institutions.
* 20% of the faculty are from the Industrial background.
* 10% of the faculty members have International teaching experience.

2.4.10 How often does the University organize academic development programmes (*e.g.*: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

Once in six months, the University organizes academic development programmes through Standing Committee on Academic Affairs, Boards of Research Studies, Boards of Studies and Examination Reforms Committees, National Science Day celebration, Regional Science Colloquium, Periyar Birthday celebration, International Women's Day celebration and Teacher's Day celebration.

2.4.11   Does the University have a mechanism to encourage

* **Mobility of faculty between Universities for teaching?**
* **Faculty exchange programmes with national and international bodies?**

If yes, how have these schemes helped in enriching the quality of the faculty?

The University permits the mobility of teachers between the universities for teaching. The proposal on "Meta University" concept is submitted to the Department of Higher Education, Government of Tamil Nadu for mobility of students and faculty among Periyar, Bharathiar and Bharathidasan Universities for innovative courses such as Nanoscience and Nanotechnology, Biotechnology, Bioinformatics and Geoinformatics.

2.5   Evaluation Process and Reforms

2.5.1   How does the University ensure that all the stakeholders are aware of the evaluation processes that are in place?

The University maintains transparency in the evaluation process. The examination schedule is generally displayed well in advance in the university website. The university departments as well as affiliated colleges receive the schedule at least 45 days in advance.

All the eligible teachers are involved in the evaluation process. Teachers are pooled in to the evaluation process and the chairpersons are informed of the scheme of evaluation to be followed. The students are informed of the revaluation process and the schedule for this process is also intimated to them. Required forms can be downloaded from the university website.

2.5.2   What are the important examination reforms initiated by the university and to what extent have they been implemented in the university departments and affiliated colleges? Cite a few examples which have positively impacted the examination management system.

The University departments have full autonomy in designing the curriculum and executing programmes. A uniform pattern of the examination is followed for all the UG/PG courses in affiliated colleges as well as in the University departments. The following are some of the methods adopted by the University which have positively improved the examination management system.

In University departments

1. The results are announced on the next day after the final examination.
2. The grievances of the students if any are addressed to the Heads of the department which should be resolved within ten days.

3. Provisional result declared in a week's time is highly helpful for students to go for higher studies in India and abroad.

In Affiliated Colleges

1. Practical examinations are completed before the end of the semester exams.
2. Central valuation system is adopted
3. Separate camp officers are appointed by the University (For Foundation, Arts, Science, PG programmes and programmes offered through distance mode (PRIDE)).
4. The examiners are given orientation before the commencement of evaluation process.
5. The examiners are provided with the scheme of evaluation to ensure objectivity in the valuation process.
6. Immediate supplementary exams are conducted during July every year for the final year students who have failed in a few subjects.
7. Quick disposal of consolidated mark sheets and provisional certificates is ensured through strict mentoring.
8. The office of the Controller of Examinations provides immediate supportive mechanism for those students who have approached the university with grievances.
9. The answer sheets with photograph, printed register number, subject code, title of the paper, date of examination and bar code for scanning are provided by the University as a student friendly measure.
10. Question papers are sent by e-mail to the examination centre on the respective day of examination.

2.5.3   What is the average time taken by the university for declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode / media adopted by the university for the publication of examination results (*e.g.* website, SMS, email, etc.).

The examination results of the University Departments are declared on the next day after the final examinations. In the case of affiliated colleges, normally declaration of results takes time owing to deployment of teachers from other colleges, more number of scripts, assigning of dummy numbers etc. However, the University handles this problem by bringing more examiners from the neighbouring Universities to speed up the evaluation process. Results for the affiliated colleges and distance education examinations are uploaded to the University website. In general, the university publishes the results of the affiliated colleges within 45 days from the last examination.

2.5.4   How does the University ensure transparency in the evaluation process? What are the rigorous features introduced by the university to ensure confidentiality?

The continuous internal assessment (CIA) and its evaluation process are made transparent. All the students are given a chance to improve the CIA score. Similarly in theory and practical examinations students are entitled to get the photo copy of the answer scripts and they can apply for revaluation. The University ensures confidentiality in the panel of question paper setters, printing of question papers, allotment of dummy numbers to the answer scripts and assignment of computer software for preparation of marks statements etc.

2.5.5   **Does the University have an integrated examination platform for the following processes?**

* **Pre-examination processes – Time table generation, OMR, student list generation, invigilators, squads, attendance sheet, online payment of fees etc.**

* **Examination process – Examination material management, logistics, etc.**

* **Post-examination process – Attendance capture, OMR-based exam result, auto processing, generic result processing, certification, etc.**

* **Yes.** The University has an integrated examination platform for the pre examination process. A common examination time table for University Departments and affiliated colleges, list of internal and external invigilators, panel of members for squads and all the forms required for the conduct of examinations are prepared well in advance.

* The answer sheets and other stationary required for the examinations are dispatched at least two weeks in advance, to the respective examination centres. The question papers and other confidential materials are sent just a day before the examination with proper security arrangements.

* After the completion of examinations the answer scripts are sent to the evaluation centres and dummy numbers will be assigned to all the scripts. Optical mark readers for decoding and entry of marks into computers, processing of results, and printing of certificates are fully automated to speed up the evaluation process and publication of results.

2.5.6   **Has the University introduced any reforms in its Ph.D. evaluation process?**

Yes, the University follows the UGC 2009 regulations for maintaining minimum standards for M.Phil. and Ph.D. programmes offered in the University Departments and affiliated colleges. The admissions are made only on the basis of performance in the entrance test and interview. Course work is made compulsory for the Full Time and Part Time Ph.D. scholars. The periodical evaluation and reviewing the progress of research are monitored by the duly constituted doctoral committee.

The pre Ph.D. thesis viva with faculty experts and research scholars has been introduced in the University. This provides a good opportunity for the research scholars to fine tune the thesis and to incorporate the suggestions given by the experts before submitting the thesis.

The examination process has also been overhauled. Digital version of the thesis is sent to the examiners and the reports are received through e-mail by the Controller of Examinations directly. This truncates the delay in receiving reports so that the public defence is held at an earlier date.

All the theses submitted to the University are well documented (digitally) in the library and uploaded to the UGC INFLIBNET site.

2.5.7   **Has the University created any provision for including the name of the college in the degree certificate?**

Yes, the names of the autonomous colleges are included in the degree certificates.

2.5.8   **What is the mechanism for redressal of grievances with reference to examinations?**

A separate grievance redress functions in the office of the Controller of Examinations. An Assistant Registrar with support staff carry out this process. Every day the queries received by this cell are processed and sent to the respective sections with the consent

of the Controller of Examinations. Generally, the issues are sorted out within a maximum of three working days.

2.5.9   What efforts have been made by the University to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/section.

The University has introduced automation in the allotment of dummy numbers to the answer scripts. The optical mark reader is highly helpful in the processing of results. This significant effort has increased the number of papers to be submitted for evaluation, decoding the marks and preparing mark statements.

The following efforts have been taken by the University to streamline the operations of the office of the controller of examinations.

(1) The Controller of Examinations, the Assistant Registrar and Section Officers are given wider powers to administer time bound work.
(2) To streamline examination related work an examination calendar is prepared and strictly followed.
(3) To assist the Controller of Examinations, one Deputy Controller from the faculty has been deputed separately.
(4) The work done by the examination section is regularly reviewed by the Vice Chancellor at least once a month.
(5) As per the grievance redress mechanism, a meeting is conducted with the Vice Chancellor as chairperson.

2.6.   Student Performance and Learning Outcomes

2.6.1   Has the University articulated its graduate attributes? If so, how does it facilitate and monitor its implementation and outcome?

Yes, the development of graduate attributes forms a significant part of the University's strategic plan. The vision and mission statements imply the important attributes. The objectives envisaged in co-curricular and extra-curricular are also indicators of graduate attributes. The university does articulate the desirable traits in our graduates-conscientiousness, social responsibility, academic excellence, moral sensitivity, honesty and commitment.

2.6.2   Does the University have clearly stated learning outcomes for its academic programmes/departments? If yes, give details on how the students and staff are made aware of these?

Yes. Academic performance, employability, active participation in outreach programmes are the learning outcomes of the academic programmes/departments, uploaded in the website and also sent as documents to the departments.

2.6.3   How are the University's teaching, learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?

The University's teaching, learning and assessment strategies are framed to stimulate lifelong thrust for knowledge and learning and to encourage pioneering aspiration to achieve success. The learning outcomes of students are verified with their participation in seminars, assignments and tests. Presentation skills, organization skills, cooperative skills and leadership skills are promoted by various academic activities which in turn promote citizenship behaviour.

2.6.4   How does the University collect and analyse data on student learning outcomes and use it to overcome the barriers to learning?

The University collects data from internal tests, seminars, publications and

performance in the final examinations. Students' feedback on programmes and teachers are collected and analysed by the IQAC. Suitable measures are taken to bring required changes in the teaching learning process to overcome the barriers.

2.6.5   What are the new technologies deployed by the University in enhancing student learning and evaluation and how does it seek to meet fresh/ future challenges?

The new technologies adopted are:

- E-learning and preparation of study materials (e-content)
- Subscribing to on-line Journals.
- Video conferencing with smart class rooms.
- Power point presentations
- Instructional software
- Imparting organizational skills

During evaluation the students are assessed with various components such as their academic performance in 3 internal examinations, assignments, and presentations. Various competencies of students are assessed during their presentations.

Any other information regarding Teaching, Learning and Evaluation which the University would like to include.

(1)   Departmental libraries: Each university department maintains a library which houses discipline specific books, journals and other materials.

(2)   Creation of resources: The University is continuously engaged in the process of utilizing modern teaching learning resources for the benefit of students.

(3)   For disadvantaged and needy sections of the society: Sustained efforts have been taken by the university to enhance the enrolment of women and students from deprived sections of society. University research fellowships are provided to each department (OC: 2, BC: 1, MBC: 1, SC/ST: 1) to encourage research scholars from backward sections. The students from SC/ST categories are also provided with tuition fee exemption.

CRITERION III:
RESEARCH, CONSULTANCY AND EXTENSION

<div align="center">CRITERION III : RESEARCH, CONSULTANCY AND EXTENSION</div>

The intellectual capital of an institution is the most important asset which helps to make it globally competitive for its sustainability. The university's responsibility is to create an academic ambience for bringing out the implicit talents of the faculty, scholars and students. The institution takes all efforts to improve research endeavor for substantial enhancement of research propensity. The output of research will be turned as an input for class room teaching. It will also provide a good opportunity to students to understand and dissect real life issues with clarity.

3.1   Promotion of Research

3.1.1   Does the University have a Research Committee to monitor and address issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

Yes, the University has constituted a separate Board of Research Studies (BORS) comprising Heads of various Departments, senior Professors, representatives from Associate Professor and Assistant Professor Categories and experts from other Universities and the industry.

Recommendations:

The BORS is performing all the duties and functions related to research as specified by the provisions of the Periyar University Act.

Framing of the regulations for research programmes, admission norms, monitoring the minimum standards and enforcing the quality and standards in the research programmes are the prime responsibilities of the BORS.

Some of the recommendations of the BORS are

> ➢ External Ph.D. registration
> ➢ Speedy evaluation of Ph.D. theses
> ➢ Minimum standards and regulations for Ph.D. guideship

All of them have been implemented.

The BORS recently insisted that a minimum of two papers should be published in reputed journals prior to submitting the Ph.D. thesis. This has elicited good response from the research scholars. The BORS also has made Pre-Ph.D. presentation, submission of six month progress reports and two Doctoral Committee meetings are imperative for the submission of thesis.

Impact:

Recommendations are implemented effectively which improve diversity of students, research publications, mentor quality and process of evaluation.

3.1.2   What is the policy of the university to promote research in its affiliated / constituent colleges?

Recognizing Research Centres/Departments in colleges:

The Principals of the affiliated college have to apply to the University for consideration as a recognized research centre. The application has to be submitted with the details about number of teachers with Ph.D. qualification, infrastructure, and library as well laboratory facilities available for conducting research in the department.

The University constitutes a committee to inspect the facilities available. Upon fulfilling the following norms, the University recognizes the department in the affiliated college as a research department and permits it to carry out research and admit candidates for the Ph.D. programme:

a)   There shall be at least two members of faculty with Ph.D. degree in the department that seeks recognition.

b)   Adequate infrastructure and other facilities must be available in the department concerned.

The University makes sincere efforts to promote research activities in affiliated colleges. The University also awards best researcher award (Sir C.V.Raman Award) to the college teachers every year based on the quality of publications, projects and collaborations. The college teachers are also assisted by the University faculty in writing proposals, research articles and collaborative utilization of instruments available in the University.

3.1.3   What are the proactive mechanisms adopted by the university to facilitate the smooth implementation of research schemes/projects?

The university helps the faculty members in the smooth implementation of projects through various activities:

➢   Providing advance funding for sanctioned projects even if the installment is not received from the funding agencies.

➢   Sanctioning seed money when necessary

➢   Simplifying the procedures regarding purchases to be made by the investigators

➢   Releasing funds at the appropriate time

➢   Conducting periodical auditing

➢   Submitting utilization certificate (UC) to the funding agencies at regular intervals

The procedure for the purchases of equipments/requirements in the projects/schemes is given top priority. For this purpose a purchase committee (Syndicate sub-committee) meeting is conducted often or at least once in a month. The committee finalizes the purchase related to the project as well the general purchases made by the University.

Principal Investigators have powers to make purchases up to the value of Rs.10,000/- directly without prior approval from the university and this flexibility and autonomy helps principal investigators to make necessary purchases without delay.

The finance section of our university helps the timely release of funds and periodical auditing through local fund and AG audits. This enables the principal investigators to submit the utilization certificate to the funding agencies within the stipulated time.

3.1.4   How is interdisciplinary research promoted?

Interdisciplinary research is promoted on the campus in the following ways.

Encouraging joint proposals by the departments: Departments like Chemistry, Physics, Biochemistry, Food Science and Nutrition, Microbiology and Biotechnology are encouraged to submit joint proposals and to utilize the major equipments for analytical purposes. The Arts and Humanities departments of related subjects join to carry out interdisciplinary / collaborative research.

The departments of Geology, Physics, Chemistry, Computer Science, Mathematics, Management Studies, Food Science and Nutrition, Microbiology, Biotechnology, Education, Economics, Commerce, Journalism and Mass Communication and Sociology have signed

MoUs with National/International Institutes and the faculty of the departments concerned to carry out joint research programmes using the advanced facilities in the host labs/centres to improve the quality of their research and publications.

3.1.5   Give details of workshops/ training programmes/ sensitization programmes conducted by the University to promote a research culture on campus.

The IQAC has conducted programmes to promote research culture in the university. Senior Professors from Arts, Science and Humanities are invited and training programmes are conducted on the thrust areas of research, writing project proposal, and utility software and statistical packages to analyze the research data. The IQAC has also conducted skill development programmes for students and research scholars on various research aspects.

The University departments have conducted several programmes relating to the access of e-journals from Springer Link, John-Wiley & Sons, American Chemical Society, etc. and other resources provided by the INFLIBNET. Recently, steps have been taken by the University Library for off-campus access facilities of e-journals. These facilities promote a productive research culture among faculty and scholars within the campus as well as out side the campus.

3.1.6   How does the University facilitate researchers of eminence to visit the campus as adjunct professors? What is the impact of such efforts on the research activities of the University?

The eminent scientists/professors are invited by the departments as experts for various programmes. Fellows of National Academy of Science, S.S.Bhatnagar awardees of various disciplines have visited the university departments and interacted with faculty, research scholars and students. These interactions have been helpful in creating awareness on thrust areas of research and advanced research techniques. It also helps the students and Ph.D. scholars to get exposed to international standards. Based on these activities several research scholars have got placements, short term visits and other overseas ventures. The research scholars have published articles in standard journals in collaboration with scholars and faculty abroad.

3.1.7   What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization.

A major share of the University budget is earmarked to promote research. This includes non-plan expenditure on the salary of teachers, technical assistants, non-teaching staff, purchase and maintenance of equipments for teaching and research departments and infrastructure development. It is hard to disentangle the total budget amount into teaching and non-teaching activities of the University. However, the plan account of the University budget is exclusively meant for research and it is the fund generated from outside the University sources such as the UGC, Government of India and international agencies. The budget amount under the plan grant for research for the last four years is given in Table 3.1.

For each Department, 5 University Research Fellowships each worth Rs.5000 (Monthly) are provided with a contingency grant of Rs.5000 per annum and expenditure incurred is met from the University budget. In addition, Rs.50,000 is also provided for foreign/ visiting Professors from other countries. The University also provides a sum of Rs.50,000/- for each department to organize seminars/conferences/workshops to promote research. To encourage the young faculty, the University provides funds for chemicals and glasswares, data collection and travel assistance which constitute nearly 20% of the total budget.

Table 3.1 University Budget for Research Schemes

Year	Total Budget of Plan and Non-plan of the University (Rs. In lakhs)	Budget Amount for Research (Rs. In lakhs)	% of the budget spent on research	University Research Fellowships (Rs.In lakhs)	% of the Total Budget amount for Research
2010-11	2893.37	150.25	5.19	30.24	1.04 (20.12)
2011-12	3319.98	269.30	8.11	33.60	1.1 (12.47)
2012-13	3773.06	244.05	6.46	33.12	0.87 (13.57)
2013-14	4809.56	232.05	4.82	30.72	0.63 (13.23)

3.1.8   In its budget, does the University earmark funds for promoting research in its affiliated colleges? If yes, provide details.

No. The University has no provision in the statue to directly allocate funds to affiliated colleges for promoting research. However, the University encourages the affiliated colleges to submit proposals to the University for Onward Transposition to UGC and State Councils for funding to pursue research.

3.1.9   Does the University encourage research by awarding Post Doctoral Fellowships/Research Associateships? If yes, provide details like number of students registered, funding by the university and other sources.

Yes. The University encourages the scholars to obtain Post Doctoral Fellowships and Research Associateships. These scholars are provided with necessary research facilities and administrative support. The details of fellowships are exhibited in Table 3.2

Table 3.2 Students Received Various Fellowships

S.No	Name of the fellowships	No. of students
1	Moulana Azad National Fellowship	2
2	Kalaignar Research Fellowship	6
3	DST Inspire Fellowship	11
4	CSIR Senior Research Fellowship	7
5	CSIR Research Associateships	1
6	Rajiv Gandhi National Fellowship	25
7	ICSSR-Doctoral Fellowship	15
8	Dr. D.S. Kothari Post-Doctoral Fellowships	3
9	UGC Junior Research Fellowship	15

3.1.10 What percentage of faculty have utilized the sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the University monitor the output of these scholars?

Since Periyar University is relatively young, no request from the faculty for sabbatical leave has been received to pursue higher research. However, faculty hold high end research in premier institutions within the country and abroad by utilizing bilateral exchange programmes.

3.1.11 Provide details of national and international conferences organized by the university highlighting the names of eminent scientists/scholars who participated in these events.

All the university departments conduct seminars, conferences and workshops at various levels (regional, national, international).The university advances seed money to the departments for initial organizational expenses. For the last four years the university departments have organized 193 seminars/conferences as shown in Table 3.3.

Table 3.3 Conference/Seminar/Workshop organized

S. No	Name of the Department	Total No of Seminar/ Conference/ Workshop organized	National	International	Regional
1	Biochemistry	5	5	-	-
2	Biotechnology	10	10	-	-
3	Botany	3	3	-	-
4	Chemistry	7	6	1	-
5	Commerce	15	13	2	-
6	Computer Science	10	7	3	-
7	Economics	10	10	-	-
8	Education	7	6	1	-
9	English	7	6	1	-
10	Environmental Science	2	2	-	-
11	Food Science & Nutrition	15	12	3	-
12	Geology	20	18	2	-
13	Journalism & Mass Communication	2	2	-	-
14	Library & Information Science	7	7	-	-
15	Management studies	18	15	3	-
16	Mathematics	10	10	-	-
17	Microbiology	5	5	-	-
18	Physics	14	14	-	-
19	Psychology	11	11	-	-
20	Sociology	5	5	-	-
21	Tamil	7	7	-	-
22	Zoology	3	3	-	-
	Total	193	177	16	-

List of few Eminent Scientists / Scholars who participated in events is shown in Table 3.4.

Table 3.4 List of Eminent Scientists / Scholars who participated in the events

Sl. No	Name & Address	Department	Year
1	**Prof. Siva Umapathy** Department of Inorganic and Physical Chemistry , IISC, Bangalore	Physics	2010
2	**Prof. Rui Fausto** Department of Chemistry University of Coimbra, Coimbra, Portugal	Physics	2013
3	**Dr.Ragunath Acharya** Scientific Office Radio Chemistry Division, BARC, Mumbai	Physics	2014
4	**Prof. Jacob John** Curtin University, Perth, Australia	Geology	2010
5	**Prof. Nikita Bragin,** Researcher GINRAS, Moscow, Russia	Geology	2010
6	**Dr.Liubov Bragina,** Researcher GINRAS, Moscow, Russia	Geology	2010
7	**Dr.Oleg Korchagin,** Researcher GINRAS, Moscow, Russia	Geology	2010
8	**Prof. T.Tsunogae** Faculty of Life and Environmental Sciences, Earth Evolution Science University of Tsukuba, Japan	Geology	2011
9	**Prof. Dr.Asim K.Duttaroy** Faculty of Medicine University of Oslo, Norway	Food Science & Nutrition	2011
10	**Dr.Jintanaporn Wahanathorn,** Faculty of Medicine, Khonlaen University, Thailand	Food Science & Nutrition	2011
11	**Dr. M.Reza Mozafari** Faculty of Food Science and Technology, Serdarg Selangor, Malaysia	Food Science & Nutrition	2011
12	**Dr. Afrozul Haq** Senior Clinical Scientist and Head, Pathology and Laboratory Medicine Institute Sheikh Khalifa Medical City, Abu Dhabi, UAE	Food Science & Nutrition	2011
13	**Shri. Balakrishnan Natarajan** Adjunct Associate Professor, National University of Singapore, NUS Business School, Singapore	PRIMS	2011

14	**Shri. Devid Das** Marketing Manager Deakin University, Australia	PRIMS	2011
15	**Shri. Ali Reza Mahnam** General Manager National of Iran Behsaz System Yazd, Iran	PRIMS	2011
16	**Dr. Samvel Kakuko Lopoyetum** Senior Post Doctoral Research Fellow, Kenya, East Africa	PRIMS	2011
17	**Dr. A.M. Sakkthivel** Assistant Dean for Academic Affairs SUR University College, Sultannate of Oman	PRIMS	2011
18	**Shri. Jairo Kiruva Mise** Faculty in Department of Economics and Business Studies, Maseno University, Kenya	PRIMS	2011
19	**Dr. Lesley Kuhn** School of Management (Organisation Studies) University of Western Sydney, Australia	Commerce	2011
20	**Prof. Dr. M. Balasundaram** Department of Biochemistry Faculty of Medicine, AIMST University, Bedong, Malaysia	Biochemistry	2011
21	**Prof. Rebecca Kaiser Gibson** Tufts University, Massachusetts, USA	English	2011
22	**Mr. Armoogum Parsuramen** G.O.S.K. Founder Chairman Global Rainbow Foundation Minister of Education, Arts and Culture and Science, Mauritius (1983-1995), Director and Representative, UNESCO (1998-2011)	English	2012
23	**Dr. Lee Anne Wilson** Associate Professor Faculty of Science and Humanities, Hudson University, Bangor Maine, USA.	English	2012
24	**Ms. Cynthia Dettman J.D.,** Mt. Hood Community College, Portland, Oregon, USA	English	2012

25	**Dr. Kuldeep Kumar** Bond University, Australia	Computer Science	2012
26	**Dr. Pawan Lingras** Saint Mary's University, Canada	Computer Science	2012
27	**Dr. Dominic Slezik** Department of Mathematics and Computing, University of Warsam, Poland	Computer Science	2012
28	**Mr. Paul Sellers** Director, South India British Council Division British Deputy High Commission, Chennai	Chemistry	2013
29	**Prof. Irena Kostova** Department of Chemistry Faculty of Sciences and Technology, University of Coimbra, Portugal	Chemistry	2013
30	**Prof. G. Neri** Department of Industrial Chemistry and Materials Engineering, University of Messina, Italy	Chemistry	2013
31	**Mr. Paul Sellers** Director, South India British Council Division British Deputy High Commission, Chennai	Community College	2013
32	**Dr. Manjappa D Hosamane** Vice Chancellor Vijayanagara Sri Krishnadevaraya University, Bellary	Economics	2013
33	**Dr. Hong Jer Lang** Taylors University, Malaysia	Computer Science	2013
	Prof. Jiang-Shiou Hwang National Taiwan Ocean University, Taiwan	Zoology	2014
34	**Prof. Byung-Gyu KIM** Seoul National University, Korea	Zoology	2014
35	**Prof. Heinz Bonfadelli** Director, Institute of Mass Communication University of Zurich Switzerland	Journalism and Mass Communication	2012
36	**Prof. S.Thangavelu** Department of Mathematics IISC, Bangalore	Mathematics	2013

37	**Prof.E.Thandapani** Ramanujan Institute for Advanced Study in Mathematics University of Madras, Chennai	Mathematics	2013
38	**Dr.Sasi Bala Singh** Scientist – F, DRDO, New Delhi	Microbiology	2010
39	**Dr. Vanaja Kumar** Deputy Director Tuberculosis Research Centre (ICMR) Chennai	Microbiology	2011

3.2   Resource Mobilization for Research

3.2.1   What are the financial provisions made in the university budget for supporting students' research projects?

The University encourages Ph.D. scholars by providing University Research Fellowships at the rate of Rs.5,000/- per month for five students in each department. From the funds of the University, core labs and computer labs have been established in various departments. These labs have internet connectivity through one Gbps leased line from the university library. The UGC-INFLIBNET subscribed journals can be accessed by the students through this connectivity. Field trips are arranged for students to visit Institutions of Higher Learning, Industries, National Laboratories and Places of Historical importance for which Rs. 50,000 to one lakh per department is allotted.

3.2.2   Has the University taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

Yes. The university has organized seminars on Intellectual Property Rights (IPR) and the registration of patents which has facilitated a rich harvest of patents as shown in Table 3.5.

Table 3.5 Patents Details
A) Department of Biotechnology

Title	Applicant Name	Patent No/ File No	National/ International	Status
A Chimeric Cry2A protein of *Bacillus thuringiensis* with higher insecticidal activity and a method for its development.	Udayasuriyan, V., **P. Indra Arulselvi**, et al.,	244427 dated:10/ 12/2010	National	Granted
Spinacia oleracea Linn - A promising source of antioxidant and anticancer activity	Evanjelene, V.K. and **D. Natarajan,**	2045/CHE/ 2011 A	National	Filed
Antioxidant, phytochemical and antibacterial activity of *Acalypha alnifolia* Klein ex wild	Evanjelene, V.K. and **D. Natarajan,**	4614/CHE/ 2011	National	Filed

Hepato-protective activity of indigenous medicinal plant *Acalypha alnifolia* Klein ex wild	Evanjelene, V.K. and **D. Natarajan,**	285/CHE/2 012	National	Filed
Copyright applied for MATNAT Remediation Efficiency index	N. Mathiyazhagan and **D. Natarajan**	9337/2011	National	Approved (L4778 7/ 2013 Dt.21.05. 2013

B) Department of Microbiology

Title	Applicant Name	Patent No/ File No	National/ Internati- onal	Status
"New anti-tuberculosis antibiotic from marine actionomycetes strain R2"- Transitmycin	Dr.R.Balagurunathan	247/DEL/201 1;Feb 2,2011	National	II level processing going- on
"New anti-tuberculosis antibiotic from marine actionomycetes strain R2"- Transitmycin	Dr.R.Balagurunathan	PCT/IB 2012/050463, Date of filing: Feb 1, 2012.	International	II level processing going- on

C) Department of Physics

S.No	Patents filled	Patent number	National/ International	Date	Remarks
01	D.Gopi & L.Kavitha	1229/DEL/2014 A, Issue No.22/2014, Page No. 14567	National	2014	Filed
02	D.Gopi, L.Kavitha & A.Karthika	Yet to be received	National	21.01.2014	Applied

3.2.3   Provide the following details of ongoing research projects of faculty:
Total number of ongoing projects is shown in Table 3.6
Total number of ongoing research projects: 89
Total amount: Rs. 1040.50/- Lakh

Table 3.6 Details of ongoing Research Projects

S.No	Name of the Department	Total No. of Projects	Name of the funding agency	Total amount Rs. In lakhs
1	Biotechnology	7	UGC, DST, DBT, DRDO, CSIR	158.66/-

2	Biochemistry	3	CSIR, UGC, DST	50.26/-
3	Chemistry	14	UGC, DST, CSIR, ICMR, DRDO	223.4/-
4	Commerce	3	UGC, Malcolm & Elizabeth Adiseshiah Trust	10.73/-
5	Computer Science	6	UGC	22.15/-
6	Economics	4	TNSPC, UGC, MEAT	13.02/-
7	Education	1	ICSSR	6.36/-
8	English	2	UGC	1.75/-
9	Food Science and Nutrition	4	UGC, ICMR, DRDO, DST,	60.42/-
10	Geology	4	ISRO, UGC, DST	56.95/-
11	Journalism and Mass Communication	2	UGC	8.88/-
12	Library and Information Science	1	UGC	1.45/-
13	Management Studies	5	UGC, IIPA	25.81/-
14	Mathematics	6	UGC,DST, NBHM	56.91/-
15	Microbiology	5	DBT, DST, CSIR, ICMR	89.63/-
16	Physics	6	UGC, CSIR, NBHH, DAE-BRNS	81.61/-
17	Psychology	2	UGC	4.98/-
18	Sociology	4	UGC, MHRD	10.44/-
19	Tamil	4	UGC	23.48/-
20	Zoology	6	DST, UGC	117.78/-

3.2.4 Does the university have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

Yes. The department of Chemistry and Zoology have got projects from the industry and corporate houses. The details are given in Table 3.7

Table 3.7. Projects from the Industry / Corporate
A) Department of Chemistry

a)   National collaboration: 8

S. No	Collaborative Institution/ Laboratory/ Industry	Tittle of the project	Name of the Co-Investigators	Funding agency	year	Amount In lakh
1	Alagappa University Karaikudi (Dr.P.Manisankar)	Carbon Nanotube Modified Electrodes for Enhanced Voltammetric Sensing of Organic Pollutants	Dr.V.Raj and Dr.D.Gopi	DST, New Delhi (Collaborative)	2007 - 2010	32.47

S. No.	Collaborating Institute/ Laboratories/ Industry	National/ International	Name of the collaborating Scientists/ Head with address/ period of Collaborating	Status Ongoing / Completed	Remarks/ Outcome
1.	Dept.of Mechanical Engineering, VIT University	National	S.Karthikeyan, P.A.Jeeva, Deventharanath Ramkumar, N.Arivazhagan and S.Narayanan	Completed	Published 1 paper
2.	School of Chemistry, University of Hyderabad, Hyderabad	National	Prof.M.Periyasamy	Ongoing	Work in progress
3.	Dept.of Industrial Chemistry, Alagappa University, Karaikudi	National	Prof.P.Manisankar	Ongoing	Published a paper
4.	Dept.of Natural Products Chemistry, School of Chemistry,	National	Dr.M.Rajan	Ongoing	One paper in press and one communicat-ed

	Madurai Kamaraj University, Madurai				
5.	Dept.of Chemistry, Vivekananda College, Agastheeswaram, Nagercoil	National	Dr.M.Chandran	Completed	Project work
6.	Kuvempu University, Jnana Sahyadri, Shankaraghatta-577 451 Shimoga, Karnataka, India.	National	Dr.H. S. Bhojya Naik Professor and Chairman Department of Industrial Chemistry Kuvempu University, Jnana Sahyadri, Shankaraghatta-577 451 Shimoga, Karnataka, India. 2011 to till date	Ongoing	Students used their research lab to record DNA interactions
7.	Science Departments, Periyar University, Salem-11, India	Institutional Level	Dr.V.Krishnakumar, Professor and Head, Department of Physics, Periyar Univerity Periyar Palkalai Nagar Salem-11, Tamilnadu,	Ongoing	Used his lab for synthesizing inorganic materials for optical and magnetic applications
8.	Science Departments, Periyar University, Salem-11, India	Institutional Level	Dr. R. Balagurunathan, Professor and Head, Department of Microbiology, Periyar Univerity Periyar Palkalai Nagar Salem-11, Tamilnadu,	Ongoing	Research students utilized his laboratory for screening Antibacterials and antifungal activity of their synthesized compounds

a) International collaboration : 2

S.No.	Collaborating Institute/ Laboratories/ Industry	National/ International	Name of the collaborating Scientists/ Head with address/ period of Collaborating	Status Ongoing / Completed	Remarks/ Outcome
1.	Dept. of Botany and Microbiology, King Saud University, Saudi Arabia	International	Abdulla A-Al-Arfaj and A.M.Murugan	Ongoing	Published one paper and communicated one paper
2.	University of Pitesti Pitesti – 110040 Romania	International	Dr. L. Mitu Department of Physics and Chemistry University of Pitesti Pitesti – 110040 Romania. 2011 to till date	Ongoing	With his collaboration, our research students are using the facilities for recording spectra of their synthesized materials

B) Department of Zoology

a) National collaboration: 1

S.No	Collaborative Institution	Tittle of the project	Name of the Co-Investigators	Funding agency	year	Amount In lakh
1	Madurai Kamaraj University, Madurai	Carbon Nanotube Modified Electrodes for Enhanced Volta metric Sensing of Organic Pollutants	Dr.P.Gunasekaran & Dr.S.Kannan	DST Nano mission	2012-2015	60.78

3.2.5 How many Departments of the University have been recognized for their research activities by national / international agencies (UGC-SAP, CAS; Department with Potential for Excellence; DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

The recognised university departments are shown in Table 3.8.

Table 3.8 Departments Recognized by National / International agencies for Research Activities

S.No.	Name of the Department	Recognitions	Amount in lakhs
1	Computer Science	UGC- SAP	54.00
2	Physics	DST- FIST	49.00
3	Chemistry	DST- FIST	30.00
4	Geology	DST- FIST	35.00
5	Food Science & Nutrition	MoFPI	75.00

Significant outcomes

1. Establishment of state of the art research facilities with equipments
2. Fellowships for the research scholars
3. Publications in the peer reviewed journals

3.2.6   List details of

a. Research projects completed and grants received during the last four years (funded by National/International agencies).

Total number of completed/ongoing research projects is shown in Table 3.9

Total number of completed research projects: 79

Table 3.9 Total number of completed/ongoing research projects

S.No	Name of the Department	Total No. of Projects	Funding Agency	Completed	Ongoing
1	Biochemistry	5	UGC, DST	2	3
2	Biotechnology	22	UGC, DST, CSIR	15	7
3	Chemistry	23	UGC, DST	9	14
4	Commerce	5	UGC	2	3
5	Computer Science	7	UGC	1	6
6	Economics	11	DST, TNEDA	7	4
7	Education	4	ICSSR, UGC	3	1
8	English	2	UGC	-	2
9	Food Science & Nutrition	10	RSSDI, DST, ICMR, UGC, DRDO	6	4
10	Geology	15	UGC, DST	11	4
11	Journalism & Mass Communication	3	MHRD	1	2

12	Library & Information Science	1	UGC	-	1
13	Management Studies	5	IIPA, UGC	-	5
14	Mathematics	8	UGC, DST, CSIR	2	6
15	Microbiology	10	UGC, DST, ICMR	5	5
16	Physics	19	UGC, DST, DRDO	13	6
17	Psychology	2	UGC	-	2
18	Sociology	4	ICSSR, UGC	-	4
19	Tamil	4	UGC	-	4
20	Zoology	8	UGC, DST	2	6
	Total	168		79	89

3.3   Research Facilities

3.3.1   What efforts have been made by the University to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

The University regularly obtains funds from funding agencies like UGC (plan period assistance) UGC- SAP, Non-SAP and DST-FIST to improve the infrastructure facilities for research. Further, the University also encourages the faculty to mobilize funds through other National/International agencies for infrastructure facilities. The University also mobilizes funds from Government of Tamil Nadu and allocated funds for each department under non-recurring head for the purchase of equipment, furniture and other aspects needed for the establishment of research laboratories.

3.3.2   Does the University have an Information Resource Centre to cater to the needs of researchers? If yes, provide details of the facility.

Yes. The University has an information resource centre in the University Library which has helped a number of researchers.

The following are the information source facilities available in our library.

UGC – INFLIBNET

DELNET

Online Public access catalog

On line database services

Current awareness services

3.3.3   Does the University have a University Science Instrumentation Centre (USIC)? If yes, have the facilities been made available to research scholars? What is the funding allotted to the USIC?

Yes. The University has established a Centre for Instrumentation and Maintenance Facility (CIMF) by obtaining grants from the UGC under merged schemes. If sufficient electronic components are kept in stock, high precision instruments can be repaired at the installation spot without delay. The service and maintenance work is being done for the instruments received from the departments of the University. Further, this facility is also extended to affiliated and constituent colleges of Periyar University and nearby industries. The CIMF is undertaking consultation, design and calibration of new electronic equipments required for faculty's research, teaching, and project related works.

The CIMF conducts training programmes, short-term courses, workshops in different areas of electronics and instrumentation at different levels. The beneficiaries include teachers, under graduate students, PG students, research scholars and technicians of our university and affiliated colleges. The centre has a vision to set up a sophisticated instrumentation facility (X-Ray, SEM, TEM, FT-IR, UV and with other scientific instruments) which will give a dynamic thrust to current research and developmental activities of the university.

The CIMF is currently engaged in setting up of glass blowing and mechanical workshops with advanced machineries. This work is in progress. These facilities will be available for teaching and research community shortly.

3.3.4   Does the University provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (national/international)?

Yes, the University provides rooms with internet facilities in the boys and girls' hostels for research scholars/visiting scientists, post doctoral fellows and research associates. For scholars of repute at the national/international level, these facilities are made available in the university guest house.

A proposal has been made to construct an exclusive hostel for research scholar couples in an area of 6000 sqft at the cost of Rs.90 lakh under the UGC XII plan.

3.3.5   Does the university have a specialized research centre/ workstation on-campus and off-campus to address the special challenges of research programmes?

Yes. The University has the following specialized research centers on campus.

- Center for New and Renewable Energy Studies
- Center for Biodiversity and Forest Studies
- Center for Nanoscience and Nanotechnology.

3.3.6   Does the University have centers of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

The following centres of the university carry out researches and bring laurels to the university from National/International agencies.

Centre for New and Renewable Energy Studies (CNRES)

As per the announcement of Ministry of Higher Education, the Centre for New and Renewable Energy Studies (CNRES) has been established in Periyar University premises with a grant of Rs. 25 Lakh. The main objectives of the centre are to

- provide sustainable support for the integration of higher education with its energy related research;

- train man power with strong basics in energy related areas including renewable energy conversion, sustainable energy systems;
- provide consultancy to industries in the areas of renewable energy conversion and management;
- offer various short-term courses and conduct training programs, seminars, workshops; knowledge development for students, researchers, industries; and the development of new technologies for the efficient harnessing of renewable energy.

To accomplish the above said objectives, the centre has taken appropriate steps from its very inception.

The CNRES organized a National Conference on "Advances in New and Renewable energy - RANRE 2014" which was held on 27th February, 2014. Eminent Scientists and Engineers from various research institutions are invited to deliver lectures on recent developments in Biomass, Biogas energy and conversion technologies, solar power plants, fuel cells, role of nanotechnology in renewable energy system and wind energy technology.

Centre for Nanoscience and Nanotechnology (CNN)

The centre for Nanoscience and Nanotechnology of Periyar University was established in the month of August 2011 to advance academic and technological research and development in nanoscience and nanotechnology. The government of Tamil Nadu has sanctioned Rs. one crore as seed grant for the academic and research activities of the center. The central laboratory has been set up with equipments like distillation unit, hot air oven, Binocular microscope, deep freezer, centrifuge etc. There are five research fellow appointed to carry out research in thrust areas of centre.

Centre for Instrumentation and Maintenance Facilities

The CIMF is the unique facility which was created under the UGC's XIth plan merged scheme. The main objective of the centre is to provide better service to the electronic and electrical equipments, and to design new electronic devices to meet out the university's research and teaching requirements. The CIMF is well equipped with sophisticated electronic equipments; often it conducts workshops and training programmes on various instruments used in scientific research. This centre has organized 3 workshops and 2 training progarmmes for the faculty and students of Periyar University and affiliated colleges on Electronic Circuit Design and PCB Fabrication, Scientific Application of Powder XRD, Scientific Usage of Electron Microscopes and Computer Hardware and Networking.

3.4   Research Publications and Awards

3.4.1   Does the University publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.

Yes. The department of Computer Science, Chemistry, Microbiology and Psychology have published national level journals as detailed below in Table 3.10.

Table 3.10 Journals Published by the University Departments

S.No.	Department	Journal name	Editor	Associate Editors
1	Computer Science	International Journal of Computational Intelligence and Informatics (ISSN: 2231-0258)	Dr.K. Thangavel	Dr.C. Chandrasekar Mr.S.Sathish Dr.H.Hennah Inbarani Mr.I.Laurence Aroguiaraj Dr.R.Rathipriya

2	Microbiology	Journal of Current perspectives in applied Microbiology (ISSN: 2278-1250)	Dr. R.Balagurunathan	Dr.A.Murugan Dr.N.Hemalatha Dr.P.M.Ayyasamy Dr.D.Arvind Prasanth Dr.R.Dhandapani
3	Chemistry	Chemical Research Letters (A BI-Annual Journal) ISSN: 2319-6246	Dr.V.Raj	Dr.P.Viswanathamurthi, Dr.R.Rajavel, Dr.D.Gopi, Dr.A.Lalitha, Dr.V.Sujatha,
4	Psychology	Periyar University Journal of Psychology (An International Journal) ISSN: 2319-9301	Dr.S.Kadhiravan	Mr. D.V. Nithyanandan Mrs.J.Parameshwari Mr.K.N.Jayakumar

3.4.2   Give details of publications by the faculty

The details of publications are shown in Table 3.11

Table 3.11: Publication by the Faculty

S.No	Name of the Department	Total No of journals published in National/ International	Total No of books edited/published	Impact factor Range	h-index
1	Biochemistry	121	5	0.139-3.925	25
2	Biotechnology	230	5	0.1-5.28	34
3	Botany	14	-	-	-
4	Chemistry	184	11	0.6-4	16
5	Commerce	265	7	-	-
6	Computer Science	75	2	0.13-2.93	34
7	Economics	135	-	-	-
8	Education	70	-	-	-
9	English	21	1	-	-
10	Environmental science	35	1	0.536-9.284	34
11	Food Science & Nutrition	63	6	0.4-1.6	4
12	Geology	71	12	0.1-6.659	4
13	Journalism & Mass Comunication	66	6	-	-

14	Library & Information Science	49	1	0.057-3.3	3
15	Management Studies	86	1	-	-
16	Mathamatics	62	1	0.23-2.492	13
17	Microbiology	189	6	0.47-4.2	19
18	Physics	315	11	0.516-4.689	23
19	Psychology	50	-	-	-
20	Sociology	47	3	-	-
21	Tamil	83	13	-	-
22	Zoology	25	-	2.0-5.01	38

3.4.3 Give details of

* **faculty serving on the editorial boards of national and international journals**
* **faculty serving as members of steering committees of international conferences recognized by reputed organizations / societies**

The details of faculty serving on the editorial boards are given in Table 3.12.

Table 3.12 Faculty Served in the Editorial Boards

S.No	Name of the department	No. of faculty in Editorial Board	No. of faculty Reviewer in Journals
1	Biochemistry	1	1
2	Biotechnology	3	-
3	Chemistry	6	1
4	Commerce	3	-
5	Computer Science	6	6
6	Environmental Science	1	-
7	English	1	-
8	Food Science & Nutrition	2	3
9	Geology	6	6
10	Journalism & Mass Communication	3	-
11	Library & Information Science	3	-
12	Mathematics	6	6
13	Microbiology	5	6
14	Physics	5	3

15	Psychology	2	1
16	Sociology	1	-
17	Tamil	2	-
18	Zoology	2	1

3.4.4   Provide details of
* research awards received by faculty and students
* national and international recognition received by the faculty from reputed professional bodies and agencies

The details of awards received by faculty and students are given in Table 3.13

Table 3.13 Research Awards/ Professional Recognition

S.No	Name of the Department	Total No of Awards	Faculty	Students
1	Biochemistry	11	4	7
2	Biotechnology	66	4	62
3	Botany	1	1	-
4	Chemistry	26	7	19
5	Commerce	20	20	-
6	Computer Science	7	5	2
7	Economics	7	1	6
8	Education	19	15	4
9	Food Science & Nutrition	17	17	4
10	Geology	14	9	5
11	Journalism & Mass Communication	5	-	5
12	Mathematics	15	9	6
13	Microbiology	20	6	14
14	Physics	31	25	6
15	Psychology	2	-	2
16	Sociology	8	3	5
17	Tamil	5	5	-
18	Zoology	4	3	1
	Total	271	129	142

UGC Research Award

Dr. D. Gopi, Professor, Department of Chemistry has received **UGC Research Award** in Chemistry, with a total sanctioned amount of **Rs. 31,64,830 /-** (Rs. 28,64,830/- towards Salary & Rs. 3,00,000/- as Research grant) for 2 years (**2014-2016**). The grant-in-aid has been sanctioned to him to carry out advanced research in Chemistry."

3.4.5   Indicate the average number of successful M.Phil. and Ph.D. scholars guided per faculty during the last four years. Does the University participate in *Shodhganga* by depositing the Ph.D. theses with INFLIBNET for electronic dissemination through open access?

The details of research degrees awarded and number of scholars passing Ph.D. and M.Phil. are given in Table 3.14

Table 3.14 Research Scholars guided by Faculty during last four years

S.No	Name of the Department	No. of Ph.D. Awarded	No. of Ph.D. Submitted	No. of Ph.D. Ongoing	M.Phil. Awarded
1	Biochemistry	13	8	27	68
2	Biotechnology	4	8	43	75
3	Chemistry	42	7	30	61
4	Commerce	48	2	27	98
5	Computer Science	8	2	22	124
6	Economics	5	6	11	110
7	Education	14	4	7	57
8	English	1	2	8	39
9	Food Science & Nutrition	4	1	22	12
10	Geology	8	4	28	14
11	Journalism & Mass Communication	3	1	28	4
12	Management Studies	17	10	12	52
13	Mathematics	29	2	11	67
14	Microbiology	6	4	20	67
15	Physics	26		48	136
16	Psychology	-	1	7	17
17	Sociology	6	-	6	11
18	Tamil	23	7	44	163
19	Physical Education	3	1	4	-

For the Shodhganga project, the UGC has sanctioned Rs. 10 lakh during 2013-14 and a total of 592 theses have been digitalized and uploaded in the web site meant for the purpose.

3.4.6   What is the official policy of the University to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

The university adheres to the UGC guidelines to check malpractices and plagiarism in research. Both M.Phil and Ph.D. scholars are instructed to submit their dissertation/thesis with the plagiarism report. The UGC plagiarism checker is available through the UGC INFLIBNET services. Each faculty member is assigned with a mail ID and password. So, faculty can directly check and issue a report to their candidates. Above all, the scholars can directly approach the University Librarian to check the originality of contents and get the certificates.

Malpractices and plagiarism issues are usually refered to the BORS and this committee recommends appropriate punishment which includes rejection of the thesis by the syndicate. So far four M.Phil. dessertations submitted to Periyar Institute of Distance Education (PRIDE) have been rejected for malpractice.

3.4.7 Does the University promote interdisciplinary research? If yes, how many interdepartmental / interdisciplinary research projects have been undertaken and mention the number of departments involved in such endeavors?

Yes. The University promotes interdisciplinary research. The Science departments are engaged in interdisciplinary research.

3.4.8   Has the University instituted any research awards? If yes, list the awards.

Yes, the University has instituted annual Best teacher Award, Sir C.V.Raman Research Awards for outstanding contributions in scientific research among the faculty of University departments as well as affiliated colleges.

3.4.9   What are the incentives given to the faculty for receiving state, national and international recognition for research contributions?

Due recognition is given to the faculty who bring laurels to the University. To mention a few, faculty members who get national and international recognition are honoured with positions such as conveners/members of the various committees of the University and their research programmes are given full support. In addition, in the selection of faculty for Best Teacher Award research contributions of such faculty are taken into consideration. Moreover, the Vice-Chancellor and the Syndicate of the University place on record their contributions in the form of appreciation and resolution in the SCAA and the Senate.

3.5   Consultancy

3.5.1   What is the official policy of the University for Structured Consultancy? List a few important consultancies undertaken by the university during the last four years.

Under the University direction, Prof. S.Anbazhagan has served as an expert for the Salem District Administration and submitted land slicing problem assessment report on Uthumalai, Salem District.

Prof. S. Anbazhagan has also served as an expert in the district committee to assess the earth quake severity in Namakkal District under the stewardship of District Collector as per the direction of Honourable Chief Minister of Tamil Nadu.

Prof. R.Balagurunathan has provided consultancy to the Salem District Administration about the pollution discharge from the dyeing units in Salem district.

3.5.2   Does the University have a university-industry cell? If yes, what is its scope and range of activities?

Yes. The Industry-Institute Collaboration Cell organises seminars/workshops on topics pertaining to Industry-Institute interaction. This cell encourages managers and scientists from the industry to visit the University to deliver special lectures and share their domain expertise and experiences. Participation in curriculum design by experts from the industry is encouraged. This cell periodically arranges visits to various industries so that students and faculty acquire practical knowledge.

Efforts have been made through Memoranda of Understanding between the University and industries and joint guidance in Post Graduate/ M.Phil and Doctoral Research projects/dissertation work by the University faculty and experts from industry. Short-term assignment between the University faculty and industries. Professorial Chairs sponsored by Industries are also encouraged.

Scholarships/fellowships have also been instituted by industries to the University students. Practical training to students in industries is also organised.

3.5.3   What is the mode of publicizing the expertise of the University for Consultancy Services? Which are the departments from whom consultancy has been sought?

The Microbiology department has a tie-up with Vasan Eye Care Hospital, Salem for isolation and identification of pathogenic bacteria particularly from corneal samples. This is a non-profit consultancy service offered by this department which forms as a part of research work by the scholars. The department has also offered inter-departmental help to the research scholars for analysis of samples for antimicrobial activity of food and chemicals.

The Department of Chemistry has signed an MoU with Salem-Dharmapuri Chamber of Commerce and offered free consultancy to various sago industries and a few silver polishing cottage industries.

The Department of Geology has offered consultancy to Space Science and generated revenue of Rs.12.50 lakh.

The Department of Journalism and Mass Communication has furnished consultancy to media organizations in the nature of news coverage, design, development etc. They also help in recruiting journalists and motivating research.

The Department of Food Science and Nutrition has offered free consultancy to various Food industries and mid day meal programme of Tamil Nadu Government under the leadership of Salem District Collector.

The Centre for Geoinformatics and Planetary Studies in the department of Geology has done consultancy service to ISAC-ISRO for supply of lunar soil stimulant. In addition, the department is offering consultancy services in the areas of Groundwater exploration, Remote sensing, Resource mapping etc.

The Department of Sociology offers consultancy services to UNDP; State Planning Cell-Tamil Nadu and District Planning Cell, Dharmapuri to identify resources available to the people of Dharmapuri district.

3.5.4   How does the University utilize the expertise of its faculty with regard to consultancy services?

Apart from sharing knowledge and expertise and helping the community to benefit directly from the knowledge resources available within the university, the consultancy projects also generate revenue for the university and the faculty.

The expertise of the faculty of the Department of Geology is utilized to explore the availability of ground water, soil testing, Mineralogy and Remote Sensing. The Chandrayan I data were analyzed by the Centre for Remote Sensing and Planetary Studies of the University.

3.5.5   List the broad areas of consultancy services provided by the university and the revenue generated during the last four years.

During the assessment period, one project was sponsored to the Department of Geology by industrial organisation worth Rs. 12 lakh.

The Department of Library and Information Science and Government of Tamil Nadu jointly organised Socio Economic Development Programme Project which provides coaching and skill based training to select educated youth belonging to the Naxal infested areas of Dharmapuri District for clearing the UPSC, TNPSC Group I and Group II Examinations. The Government of Tamil Nadu has allotted Rs.36 lakh for this project.

3.6   Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the University sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience during the last four years.

There are 158 NSS units functioning in Periyar University and in its constituent and affiliated colleges in Salem, Namakkal, Dharmapuri and Krishnagiri Districts. Totally 15,800 volunteers belonging to OBC, SC and ST communities and 158 NSS programme officers are sensitized on the need of local community under the University jurisdiction. The volunteers have conducted numerous programmes in rural areas on general sensitization, health and hygiene, social opportunities available to the down trodden. Under village adoption scheme the university has adopted Sangeethapatti village to benefit the community on psychosocial aspects.

Two Young Student's Scientists Programme were organized by the Department of Computer Science for 20 days from 3.5.10 to 22.5.10 and 2.5.11 to 21.5.11 to the rural school students of Salem and Namakkal districts. Informative lectures and demonstrations were given by the University faculty and eighty students participated in this programme.

The University organized a marathon rally in connection with "International Mother Language Day" on 21.2.2008 at Salem, 21.2.2009 at Namakkal and 21.2.2010 at Krishnagiri. About 30,000 students participated in the rally which created awareness about the importance of mother tongue among the general public.

The University organized an awareness campaign on "Save Girl Child" at Nagallur, Yercaud on 17.4.2008. About ten villages were sensitised with regard to the importance of saving girl children.

The NSS Cell of the university organised "Anti Child Marriage Procession" at Krishnagiri on 15.7.2011. About 1000 women NSS volunteers participated and distributed pamphlets and leaflets to the public to sensitise them about child marriage and related issues.

The NSS volunteers, nearly 100, from University and its affiliated colleges have gone to Cuddalore District during 8.1.2012 to 11.1.2012 and engaged in rehabilitation work in the Thane Cyclone affected areas.

3.6.2 How does the University promote university-neighborhood network and   student engagement, contributing to the holistic development of students and sustained community development?

The University promotes university-neighborhood network and student engagement mainly

- ➢ By adopting villages
- ➢ By establishing a close contact with self help groups
- ➢ By organizing cultural programmes in villages
- ➢ By conducting awareness programmes and rallies
  Through NSS, YRC, village adoption scheme etc.

3.6.3. How does the University promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/International programmes?

The University continuously and constantly encourages the students and faculty to be a part of all extension activities. As per the norms and guidelines of the NSS students are encouraged to participate in

- ➢ organizing orientation programmes for NSS volunteers
- ➢ conducting special training programmes for NSS programme officers
- ➢ deputing NSS programme officers to attend summer adventure camps and national integration camps at the national level

3.6.4. Give details social surveys, research or extension work, if any, undertaken by the University to ensure social justice and empower the underprivileged and the most vulnerable sections of society?

To help the underprivileged and the most vulnerable sections of society the university organizes

Campus Work: Development of play grounds, creation of gardens, laying roads, plantation of trees in the premises, awareness programmes on drug-abuse, AIDS, anemia, population education etc.

Community Service: The NSS volunteers utilize 70 hours for community services in adopted villages/urban slums independently or in collaboration with others in this field.

Institutional work: The NSS volunteers are placed with selected voluntary organisations working for the welfare of women, children, aged and disabled outside the campus there by extending their helping hands to the most vulnerable sections of the society.

Rural Projects: Through rural projects the NSS volunteers have undertaken eradication of illiteracy, watershed management, wasteland development, agricultural operations, health, nutrition, hygiene, sanitation, mother and child care, family life education, gender justice, development of rural cooperatives, savings drives, construction of rural roads, campaign against social evils and so on.

3.6.5. Does the University have a mechanism to track the students' involvement in various social movements/activities which promote citizenship of society?

The University follows the conventional method of student tracking system. The University NSS cell provides constant instructions to its units to maintain volunteers attendance register. The volunteers are encouraged to involve the following activities to prove themselves as responsible citizens in the society.

National Programmes: Mass Programmes of Functional Literacy, AIDS Awareness Programme and Sustainable Development with emphasis on Watershed Management & Wasteland Development, providing water, solutions to water logging, sanitation, electricity, drainage, health and welfare services, life and living conditions in slum areas.

Programme Aids: Students can help the local communities in launching a number of services like setting up a free milk distribution centre, sanitation drive, recreation, primary

education, health projects like immunization, first aid centre, child care, nutrition classes, and free legal aid centre etc., They also help in forming youth clubs, children's groups, women group and so on.

3.6.6 Bearing in mind the objectives and expected outcomes of the extension activities organised by the University, how did they complement students' academic learning experience? Specify the values inculcated and skills learnt.

The Periyar University achieves the objectives of extension activities in tune with its expected outcomes.

The prime aim of the NSS is to integrate the variety of learning experiences such as sense of participation in society and service. These activities aim at the following:-

(i) Making education more relevant to the present situation to meet the felt needs of the community and supplement the education of the university/college students by bringing them face to face with the rural situation.

(ii) Providing opportunities to students to play their role in planning and executing development projects which would help them in creating durable community assets in rural areas and urban slums, resulting in the improvement of quality of life among economically and socially weaker sections of the society.

(iii) Encouraging students and non-students to work together along with the adults in rural areas.

(iv) Developing qualities of leadership by discovering the latent potential among the volunteers, both students as well as local youth (Rural and Urban), with a view to involve them more intimately in the development programmes and also to ensure proper maintenance of the assets created during the camps.

(v) Emphasizing the dignity of labour, importance of self- help and the need for combining physical work with intellectual pursuits.

(vi) Encouraging youth to participate enthusiastically in the process of national development and promote national integration through corporate living and cooperative action.

These activities are aimed at instilling discipline, building character, promotion of physical fitness and development of culture.

3.6.7. How does the University ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the University which have encouraged community participation in its activities.

Periyar University NSS units regularly conduct special camps in adopted villages every year with the involvement of the community.

Continuous efforts have been made for a number of years for reconstruction activities in rural areas and urban slums for improving the living conditions of economically and socially weaker sections of the community. Generally, special camps are organised on various developmental issues of national importance. The themes of the Special Camps are 'Youth against Famine' 'Youth against Dirt and Disease', 'Youth for Rural Reconstruction', 'Youth for Eco-Development' and 'Youth for Mass Literacy', 'Youth for National Integration & Social Harmony' and 'Youth for Sustainable Development, with special focus on Watershed Management and Wasteland Development. Youth for Sustainable Development activities aimed at environment - enrichment would be organised under the sub-theme of "Youth for Better Environment''.

NSS Special Camp Programme organised by Periyar University

Out of the 158 NSS units, 156 units have conducted special camps on the prescribed themes during 2010-2014. The NSS Coordinator and NYC have inspected the special camps and interacted with the public as well as the NSS volunteers to get feedback on the camp. All units have done excellent work by conducting health and hygiene awareness programme, eye camp, Veterinary camp, road laying, cleaning school campus, temple surroundings, community hall, water tanks etc.

All the NSS units of Periyar University co-ordinated with the District authorities to create awareness on voter ID cards, prevention of the spreading of dengue fever etc.,

3.6.8. Give details of awards received by the institution for extension activities and/contributions to social/community development during the last four years.

➢ The prestigious Indira Gandhi NSS Award for the Year 2011-12.
➢ Mr. G. Aravind, Student of III B.Sc., computer Science, SSM College of Arts & Science, Komarapalayam affiliated to Periyar University has been selected for the Best NSS Volunteer Award for his meritorious service in the NSS.
➢ Mr.A.Manikandan, Student of Sowdeswari College, Salem and Mr.K.Narayanan, Student of Rajaji Institute of Technology, Salem, affiliated to Periyar University has been selected for the Best YRC Volunteers Award for his meritorious service in the YRC.
➢ Mr.V.Govindaraj, Sri Vidya Mandir College of Arts & Science, Uthangarai received Best Programme officer award for the university during 2011-12 and 2012-13.
➢ Mr.P.Vadivel, District organizer, Salem received Best District Organizer award for the university during 2011-12 and 2012-13.
➢ Dr.B.Venkatesan, Principal, Vysya College, Salem received Best Principal award for the university during 2011-12 and 2012-13.
➢ YRC-Best Vice-Chancellor award for the university during 2011-12 and 2012-13.
➢ YRC-Best Zonal Co-ordinator award for the university during 2011-12.

3.7   Collaboration

3.7.1   How has the University's collaboration with other agencies impacted the visibility, identity and diversity of activities on campus? To what extent has the university benefitted academically and financially because of collaborations?

Modern research programmes are collaborative in nature, and most of the faculty research programmes involve academics from other institutions both national and international. Some of these collaborations are formalized, and are based on Memoranda of Understanding (MoU) or other agreements signed between the participating institutions. These collaborations have brought the following benefits:

i)   Eminent Scientists from India and other countries visit the University Departments and provide good academic exposure to the post graduate and doctoral students.
ii)   Quality publications have been brought out.
iii) Placement opportunities have been enhanced.
iv)   Research grants and Ph.D. fellowships have raised.

The details of collaborative programmes are presented in Table 3.15.

Table 3.15 Details about collaborative programmes

S.No	Name of the Department	Total No. of Collaboration
1	Chemistry	10
2	Commerce	15
3	Food Science and Nutrition	2
4	Geology	24
5	Mathematics	7
6	Microbiology	4
7	Physics	46
8	Tamil	4
9	Zoology	1
	Total	113

3.7.2   Mention specific examples of how these linkages promote

*   Curriculum development
*   Internship
*   On-the-job training
*   Faculty exchange and development
*   Research
*   Publication
*   Consultancy
*   Extension
*   Student placement

The linkages with industry/laboratories promote internship of students and research scholars of the University departments. The Science departments benefit by way of availing facilities for scientific experiments, data collection and analysis.

The interaction of our faculty with industry/labs also helps in curriculum development.

3.7.3   Has the University signed any MoUs with institutions of national/international importance/other universities/ industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the university?

The MoUs signed with various organizations and agencies have facilitated free flow of mutually useful information and knowledge through various activities. The MoUs have enhanced research and development activities in the form of enhanced intellectual and physical infrastructure.

The MoU signed are presented in Table 3.16.

Table 3.16 Details of MoU signed by the University Departments

S.No	Name of the Department	Total No. of MoUs Signed
1	Biotechnology	1
2	Commerce	10
3	Computer Science	3
4	Economics	1
5	Food Science and Nutrition	3
6	Geology	1
7	Journalism and Mass Communication	3
8	Library and Information Science	1
9	Microbiology	4
10	Management Studies	5
11	Physics	2
12	Psychology	3
12	Zoology	2
	Total	39

3.7.4   Have the University-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

Yes, the interactions with specialized laboratories have helped the Science Departments to establish research laboratories and for the commissioning of sophisticated and precise analytical instruments.

CRITERION IV:
INFRASTRUCTURE AND LEARNING RESOURCES

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CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

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A congenial and conducive academic atmosphere has been created in the campus for effective, efficient and creative teaching and learning by providing adequate infrastructure and learning resources, spacious and well furnished class rooms, fully equipped laboratories, fully air conditioned computer lab with latest configuration systems, modernized air conditioned library, `feel at home' atmosphere in hostels, well maintained play fields etc. create a comfortable feeling in the minds of everyone studying in the University to become better than the best by acquiring more knowledge, skills, values as on to advance their career for future endeavours. Above all, due care and attention is being paid to maintain the existing infrastructure and create new State-of the Art structures in tune with the growth of the institution.

4.1 Physical Facilities

4.1.1 How does the University plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

The following physical infrastructure facilities are being created and used optimally.

S.No.	Building	Floor	Departments / Centres functioning in the building
1.	Administrative Building	Ground	Registrar's Chamber and Various Sections of Registrar's Office
			Research and Development Wing
			Academic Development Wing
			PRO's office
			Telephone Exchange
			Estate Maintenance office
		First	IQAC/NAAC office
			Planning and Development Wing
			Syndicate Hall
			Vice Chancellor's Chamber and Secretariat
			Finance Section
		Second	Department of Computer Science
			Centre for Tamil Computing
		Third	Computer Centre
2.	Biological Sciences Block	Ground	Department of Botany
			Canara Bank
			Canara Bank ATM facility
			Education department
			Seminar Hall
		First	Department of Microbiology

			Department of Biotechnology
			Department of Microbiology
		Second	Department of Biotechnology
			Department of Environmental Science
3.	Science Block I	Ground	Department of Chemistry
			Department of Zoology
			Centre for Instrumentation and Maintenance Facility
		First	Department of Food Science and Nutrition
			Department of Biochemistry
			Department of Journalism and Mass Communication
			Department of Zoology
4.	Science Block II	Ground	Department of Geology
			Centre for Geoinformatics and Planetary Studies
			Centre for Swami Vivekananda Studies
			Department of Psychology
			Department of Sociology
			Periyar Institute of Administrative Studies
		First	Department of Physics
			Centre for Nanoscience and Nanotechnology
			Department of Mathematics
			IAS/IPS Coaching Centre
			Seminar Hall
5.	Arts Block	Ground	Department of Tamil
			Department of English
			Seminar Hall
		First	Department of Commerce
			Department of Tamil
6.	Distance Education Building	Ground	Periyar Institute of Distance Education
			Post Office
			SBI ATM facility
		First	Department of Economics
			Senate Hall

7.	Controller of Examinations	Ground and First	Controller's Chamber and various sections of the office of the Controller of Examinations
8.	Auditorium	-	Periyar Auditorium
			Centre for Art and Culture
9.	Avvaiyar Management	Ground	Textiles and Apparel Design
			Seminar Hall
		First	Periyar Institute of Management Studies
10.	Hostel		Boys and Girls Hostel
11.	Student Amenity centre	Ground	Physical Education Department
			Canteen
			Health Centre
		First	Internet Centre
			NSS office
			YRC office
			Red Ribbon Club
			Student Grievances Redressal Cell
			Career Guidance and Counselling Cell
			Department of Computer Science (self financing)
12.	Women's Welfare Centre	-	Centre for New and Renewable Energy Studies
			Centre for Biodiversity and Forest Studies
			Women's Studies Centre
13.	Quarters	-	Vice Chancellor's Quarters
			Registrar's Quarter
			Controller's Quarter
			Professor's Quarters (04)
			Administrative Staff Quarters (06)
14.	Play area	-	Children's Park
15.	Guest House	-	Periyar Nagammai Guest House (A/C Suite room – 02, A/C rooms - 10, Dining Hall)
16.	Green Campus	-	Botanical Garden
17.	Power Control	-	Power Station

The university strictly adheres to State and Central Government norms in the construction of new buildings. The list of building construction works undertaken during the assessment period is shown in Table 4.1.

Table 4.1 Infrastructure development with estimate

S.No	Name of the work	Estimate amount (in Lakh)	Year
1	Science Block II (FF), Periyar University Campus	210.00	2010
2	Science Block II (FF), Periyar University Campus	300.00	2010
3	Approach road for construction of Science Block I, Periyar University Campus	2.50	2010
4	Arts Block (FF) , Periyar University Arts and Science College, Mettur	133.00	2011
5	Mens Hostel II (Second Floor) Periyar University Campus	85.00	2012
6	Dining Hall, Periyar University Campus	14.00	2012
7	Two wheeler parking shed in Science Block II, Periyar University Campus	8.80	2012
8	Womens Hostel Building (Second Floor)	100.00	2012
9	Basic amenities for women, Periyar University Campus	40.00	2012
10	Approach road for Boys Hostel Building , Periyar University Campus	10.50	2012
11	Approach road and culvert in PRIMS building to Science Block I & II, Periyar University Campus	11.00	2013
12	Periyar University Constituent College of Arts and Science, Pennagaram Building	800.00	2013
13	PRIMS Building (FF), Periyar University Campus	153.00	2013
14	Periyar University Constituent College of Arts and Science Building, Edappadi	725.00	2013
15	Periyar University Constituent College of Arts and Science Building, Pappireddipatty	725.00	2013

4.1.2   Does the University have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

Yes, the University is making sincere efforts to enhance the infrastructure facilities. Smart class rooms equipped with interactive boards and LCD projectors are available to promote teaching learning environment. Some of the departments share their facilities with other departments so that the facilities are optimally utilized. Language Labs have been set up in the language departments to teach soft skill courses. Well equipped Science laboratories are available for the PG students to promote their practical skills.

4.1.3 How does the University create a conducive physical ambience for the faculty in terms of adequate research laboratories, computing facilities and allied services?

The University has well equipped laboratories with adequate space, uninterrupted power supply and internet connectivity. The University has a computer center and Center for Instrumentation and Maintenance Facility (CIMF). Each faculty is allocated a separate room, individual computer and internet connectivity Wi-Fi connectivity are made available for the benefit of faculty, scholars, students and administrative staff.

4.1.4   Has the University provided all Departments with facilities like office room, common room and separate rest rooms for women students and staff?

Yes, all the departments have an office room and common seminar hall in each block. The University has provided adequate toilet facilities for women students, and women staffs in each floor of the building. A separate dinning hall, women's rest room and health centre are also provided.

4.1.5   How does the University ensure that the infrastructure facilities are disabled-friendly?

The University has provided ramps in a few buildings for the benefit of disabled persons.

4.1.6   How does the University cater to the requirements of residential students? Give details of

- **Capacity of the hostels and occupancy (to be given separately for men and women)**
- **Recreational facilities in hostels like gymnasium, yoga centre, etc.**
- **Broadband connectivity / Wi-Fi facility in hostels**

Women's Hostel

Number of hostels   : 01
Number of rooms available   : 78
No. of inmates   : 250

Facilities

One Reading hall with newspapers, weekly magazines, one TV hall, Computers, power inverters, indoor games, Reverse Osmosis System for drinking water, 10 Computers with internet, Fire Extinguisher, Three Solar lights, 10 KVA UPS System and Sanitary Napkin Dispenser etc.

Men's Hostel

Number of hostels   : 01
Number of rooms available   : 78
No. of inmates   : 210

Facilities

One Reading hall with newspapers, one TV hall, 10 Computers with internet, power inverters, Reverse Osmosis System for drinking water, Fire Extinguisher, Three Solar lights, 10 KVA UPS System.

Recreational facilities in hostel/s like gymnasium, yoga centre, etc.

Hostel students are encouraged to use gymnasium. A yoga centre is also in operation under the care of the Department of Physical Education.

Broad band connectivity / Wi-Fi facility in hostels.

Yes. Broad band connectivity is available in both the hostels.

4.1.7 Does the University offer medical facilities for its students and teaching and non-teaching staff living on campus?

Yes, the Periyar University Health Centre has been established in the university campus for the benefit of students and employees of Periyar University. Financial assistance had been received from the University Grants Commission under the eleventh five year plan to establish the Health Centre. Basic amenities and equipments have been provided for health check-up and treatment. Health centre is provided with 3 beds for in-patients and a well stocked pharmacy. A part-time medical officer and a full time nurse are appointed to take care of the inmates.

4.1.8 What special facilities are available on campus to promote student's interest in sports and cultural events/activities?

There is a play ground in the campus and various courts are established in 20 acres. Inter college matches; inter universities sports meets are being conducted frequently. All India South Zone level kabaddi, volley ball, foot ball, basket ball tournaments are conducted. Number of courts available is shown in the Table 4.2.

Table 4.2 Facilities available for sports in the campus

S.No.	Name of the Game	No. of Courts
1	Volley Ball	3
2	Tennis	3
3	Ball Badminton	2
4	Kho-Kho	2
5	Hand Ball	1
6	Kabaddi	2
7	Foot Ball	2 Fields
8	Hockey	1 Field
9	Cricket	2 Ovals
10	Basket Ball	2

Cultural activities

An art and culture centre is established in the University to promote traditional cultural skills/activities of students. This centre organises training programmes for students to excel in arts and cultural events.

4.2   Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been taken by the committee to render the library student/user friendly?

Periyar University Library has an Advisory Committee for taking / initiating new services and implementing new technologies from time to time. The committee has 9 members (Two members from Professors, two from Associate Professors, two from Assistant Professors, two students from PG Courses and one from Research scholars). The University librarian is the Convener of the Advisory Committee. The committee has decided to utilize funds for the purchase of the books / journals and e-resources from the library grants.

4.2.2   Provide details of the following:

1. Total area of the Library (in Sq.mts.)   :

Existing	a. Ground Floor	646 Sq.mts.
	b. First Floor	635 Sq.mts.
	Total	**1,281 Sq.mts.**
Proposed	a. Second Floor	473 Sq.mts.
	b. Third Floor	311 Sq.mts
	c. Fourth Floor	257 Sq.mts.
	d. Fifth Floor	149 Sq.mts.
	e. Tower	56 Sq.mts.
	Total	**1,247 Sq.mts.**

2. Total Seating Capacity

	a. Ground Floor	40 Seats
	b. First Floor	40 Seats
	Total	**80 Seats**

3. Working Hours
(Including before / during
Examinations and vacation period)

a. Week Days	9 am to 6 pm
b. Saturdays & Sundays	10 m to 5pm

4. Layout of the library [individual reading carrels, lounge area for Borrowing and relaxed reading, IT Zone for accessing e-resources]:

Individual reading, carrels and lounge area will be provided in the additional floors. At present 31 systems are available for browsing and accessing e-resources in the ground floor. In addition to that more than 50 systems are available for browsing and accessing e-resources in the Student's Amenity Centre of Periyar University.

5. Clear and prominent display of floor plan; adequate sign boards; fire alarm access to differently-abled users and mode of access to collection.

Display and sign boards are provided for directing the users for easy access of resources of the library. A separate pathway (Ramp) is provided for the differently-abled persons. Provision is made to provide lift for them. Talking Library facility is available for the visually challenged people with two systems.

4.2.3 Give details of the library holdings*:*

a). Print (books, back volumes and theses) :

The details of the library holdings are shown in the Table 4.3.

Table 4.3 Details of stock available in the library

S. No.	Library Holdings (Print)	Year								Total No. of Library Holdings
		Before 2007	2007 -08	2008 -09	2009 -10	2010 -11	2011 -12	2012 -13	2013 -14	
1.	Books	30,978	6,75 5	6,18 2	4,30 5	6,04 6	7,14 9	6,96 3	6,72 1	**75,099**
2.	Back Volumes	1,238	30	298	232	271	572	418	245	**3,304**
3.	Theses	1,051	339	133	95	148	148	304	137	**2,355**

b) Average number of books added during the last three years:

Average number of books added during the last 3 years is presented in Table 4.4.

Table 4.4 Addition of Books

S.No.	Year	Books
1	2011 – 2012	7,149
2	2012 – 2013	6,963
3	2013 – 2014	6,721
Total No. of Books Added During 2011 – 2014		**20,833 Books**

c) Non Print (Microfiche, AV):

NPTEL Course Materials are available in the Library (Table 4.5). Microfiche is not available in the Library.

Table 4.5 Non print material available in the library

S.No.	Library Holdings (Non Print)	Year								Total No. of Library Holdings
		Before 2007	2007- 08	2008 -09	2009 -10	2010- 11	2011- 12	2012- 13	2013- 14	
1.	CD	654	214	232	183	417	80	124	233	**2,137**
2.	DVD	01	01	05	--	17	36	36	44	**140**
3.	Floppy	09	10	05	05	01	--	--	--	**30**
4.	Audio Cassette	03	--	--	--	--	--	--	--	**03**

d) Electronic (e-books, e-journals):

The UGC-INFLIBNET digital library provides various e-resources for Periyar University library which is provided in the Table 4.6.

Table 4.6 Electronic resources available in the library

S.No	Name of the Journal	No of journals
1	American Chemical Society	37
2	American Institute of Physics	18
3	American Physical Society	10
4	Wiley-Blackwell Publishing	908
5	Cambridge University Press	224
6	Economic and Political Weekly	01
7	JSTOR	2073
8	Springer Link	1763
9	J-Gate Plus	Bibliographic database
10	ISID	Bibliographic database
11	Web of Science	Bibliographic database

In addition to that Periyar University library also subscribes for e-resources. The following are the e-resources (Table 4.7).

Table 4.7 Periyar University Library e-resources

S.No	Name of the Journal	No of journals
1	American Society for Microbiology	14
2	Emerald Publications	86
3	Sage Publications	05
4	World Scientific Publications	04
5	EBSCO	Database
6	Others	04

e) Special collections (e.g. text books, references, standards, patents):

Collections of Thanthai Periyar and Swami Vivekanandha are available in the University Library.

f) Book Banks   -   Nil

g) Question Banks

Previous question papers of Periyar University for all the subjects are available both in hard copy and soft copy as question bank. E-question bank is available in the Periyar University Institutional Repository which is very useful to the study centres of University. E-copies of the question papers are provided to the users at free of cost.

4.2.4 What tools does the library deploy to provide access to the collection?

Online Public Access Catalogue (OPAC) System and Web based OPAC system are provided for the library holdings to the users. OPAC system is used for in-house accessing of the library holdings. Four systems are provided for accessing the library holdings in the University library .

The Periyar University Library provides remote access facilities to our staff members and the research scholars using Ezproxy software. These facilities will be extended to all research / PG Students in due course.

Library website is available in the University Webpage. All information about library is available in the website.

E-Resources can be accessed in the University library, departmental libraries and student's amenity centre of Periyar University. The University Library also provides remote access facilities to faculty and research scholars to access these e-resources and e-publications.

4.2.5 To what extent is ICT deployed in the library? Give details with regard to

1. Library Automation:

Periyar University Library services are fully automated with the NIRMALS Pro Library automation software since 2005. The following services are provided:

1. Circulation Control service
2. Bibliographic database for new arrivals
3. Daily Reports (Issue / Return/ over due collections)
4. Periodical services
5. Payment details
6. Member database etc.

2. Total No. of Computers for general access :   35 computers

3. Total No. of Printers for general access :   Printers are not provided to the users and Reprographic facilities are available in the library.

4. Internet Bandwidth speed :   1GBPS

5. Institutional Repository :

University Library has Institutional Repository (IR). This is a separate Server. Under this IR, the following information is available:-

1. Online database about Vice Chancellor's participation in various programmes in institutions.
2. Year wise E-question bank.
3. Conference Proceedings organized in the University departments.
4. Publications of the faculty members of Periyar University.

6. Content Management System for e-learning : Links are provided to access the content management for e-learning like NPTEL, MIT.

7. Periyar University Library is an institutional member with DELNET, INFLIBNET for resources sharing. Under this, Library has 11 electronic resources under UGC-INFONET Digital Library Consortium since 2009 onwards.

4.2.6   Provide details (per month) with regard to:

- Average number of walk-ins   :   3,512
- Average number of books issued/returned   :   2,147
- Ratio of Library books to students enrolled   :   35
- Average number of books added during the last seven years :   44,121
- Average number of login to OPAC   :   2107

- Average number of e-resources downloaded/printed   :   35847/year
- Number of IT (Information Technology) Literacy trainings   :   Organized: 17

4.2.7 Give details of specialized services provided by the library with regard to:

1. Manuscripts:

There is no Manuscript material in the library.

2. Reference:

A separate reference section is available in the library. This section has general reference, subject reference, books for competitive exams, back volume collections etc which is open to the students, scholars, faculty, visitors from the affiliated colleges, other institutions and Universities.

3. Reprography / Scanning:

A separate Reprographic Section is in the first floor of the library and another reprographic section is in the Student's Amenity Centre, managed by self help group.

4. Inter-Library Loan Service:

Periyar University Library is an institutional member of INFLIBNET Centre and DELNET. ILL Services are arranged for the benefit of users. The details of services are shown in Table 4.8.

Table 4.8   Specialized services available in the University Library

S.No.	Year	DELNET	INFLIBNET	Total
1	2007-08	03	--	03
2	2008-09	03	--	03
3	2009-10	---	17	17
4	2010-11	---	199	199
5	2011-12	---	100	100
6	2012-13	10	117	127
7	2013-14	07	90	97

5. Information Deployment and Notification:

All important information such as newspaper clippings, important announcements, competitive exams, NET / SET exams, important news related to the university etc. are displayed in the notice board of central library.

6. OPACS:

On line Public Access Catalogue service is provided by the University Library in the ground floor and first floor through LAN. Web OPAC facility is also provided for the users. At present four systems are available exclusively for OPAC.

7. Downloads / Printouts:

All the users are permitted to download the required materials from the internet. They are informed to download the information and send it through email or copy it in CD for taking printouts.

8.   Reading list / Bibliography compilation:

The University Library circulates the list of new arrivals to all departments every month. Through this service, the users will come to know about the new arrivals in their subjects. The bibliographic details of the new books are added into the book database immediately.

9.   In-house / remote access to e-resources:

Online Public Access Catalogue (OPAC) System and Web based OPAC system are provided in the library holdings to the users. OPAC system is used for in-house accessing of the library holdings. Four systems are provided for accessing the library holdings in the university library.

Periyar university library provides remote access facilities to all faculty and research scholars using Ezproxy software. These facilities will be extended to all PG students in due course. A separate user name and password is provided to all the faculty and research scholars for remote access. These facilities may be extended to all affiliated colleges in future.

10. User Orientation:

Every year, a user orientation programme is arranged for the new comers. In addition to this programme, user awareness programmes are arranged to all students, research scholars of each and every department (Table 4.9).

Table 4.9 User awareness programmes organized by the library

S.No.	Year	No. of user awareness programmes
1	2007-08	--
2	2008-09	16
3	2009-10	11
4	2010-11	13
5	2011-12	16
6	2012-13	10
7	2013-14	35

11. Assistance in searching Databases:

Library staff assist the users for accessing and searching the databases during working hours.

12. INFLIBNET / IUC facilities:

Periyar University Library has signed an MoU with INFLIBNET/IUC and is getting funds from the INFLIBNET /IUC through UGC. The following facilities are available in the Library after signing the MoU.

1.   UGC-INFONET Digital Library Consortium. Under this, library is accessing   11 electronic resources for faculty and research scholars.

2.   UGC has sanctioned Rs. 10.06 lakh for establishing Electronic Theses and Dissertations (ETD) Lab in the University Library. Steps have been taken to establish a separate Lab. Nine systems have been purchased for this lab. More than 441 Ph.D. Theses of Periyar University have been digitized and uploaded into the Shodhganga Project of National Repository of INFLIBNET Centre.

3. UGC has sanctioned Rs.8.15 lakh for Library automation. Steps have been taken to introduce RFID Technology in library.

4.2.7   Provide details of the annual library budget and the amount spent for purchasing new books and journals:

The annual library budget and the amount spent for purchasing new books and journals are furnished in Table 4.10 and Table 4.11.

Table 4.10 Budget provision for University library books

S.No.	Year	Annual Library Budget [Rs. Lakhs]			
		University Fund		UGC Fund	
		Allotment	Spent	Allotment	Spent
1.	2007 – 2008	39.00	27.02	9.00	9.00
2.	2008 – 2009	68.25	41.40	9.00	9.00
3.	2009 – 2010	54.25	35.02	---	---
4.	2010 – 2011	49.00	27.43	24.70	24.70
5.	2011 – 2012	51.50	45.14	---	---
6.	2012 – 2013	55.00	46.92	0.35	0.35
7.	2013 - 2014	55.00	33.37	24.00	20.56

Table 4.11 Budget provision for University library journals

S.No.	Year	Annual Library Budget [Rs. Lakhs]			
		Journals (In-Print)		Online Journals	
		Allotment	Spent	Allotment	Spent
1.	2007 – 2008	2.50	2.13	---	---
2.	2008 – 2009	9.37	8.03	---	---
3.	2009 – 2010	10.00	7.56	10.00	2.61
4.	2010 – 2011	10.00	8.79	10.00	3.52
5.	2011 – 2012	5.00	4.63	10.00	4.06
6.	2012 – 2013	10.00	8.32	10.00	8.78
7.	2013 - 2014	10.00	3.96	10.00	5.58

4.2.9   What initiatives has the university taken to make the library a "happening place" on campus?

1. University Library is situated in the heart of the campus. The users can easily reach the library and avoid unnecessarily waste of their time.
2. Reverse Osmosis water facility is available for the users.
3. Separate reprographic section is functioning for quick copying machines.
4. Open Access system is followed.

4.2.10 What are the strategies used by the library to collect feedback from its users? How is the feedback analysed and used for the improvement of the library services?

Questionnaire methods are used to get the feedback from the users. Suggestion box is also available inside the Library. Based on the feedback, library service is improved.

4.2.11 List of efforts made towards the infrastructural development of the library in the last four years

Efforts made towards infrastructural development of the library are given in the Table 4.12.

Table 4.12 Infrastructural development of the library

S.No.	Year	Efforts made towards the development of Infrastructure
1	2010-11	1. University Library is shifted to permanent building 2. Internet connection provided to the Library
2	2011-12	1. Separate UGC-INFONET Digital Library is established in the Library 2. Institutional Repository database created 3. Reprographic Section established
3	2012-13	Online Journals subscribed 1.American Society for Microbiology 2.EBSCO Database 3. Implementation of CCTV Cameras
4	2013-14	1. Remote Access facilities created for staff members 2. Steps have been taken to introduce RFID Technology 3. Emerald Online Journals Subscribed

4.3   IT Infrastructure

4.3.1 Comprehensive IT Policies

 IT Service Management - Web Development and Maintenance

Periyar University website is maintained by the Computer Centre from the year 2009; updates are done by the centre from time to time. The Centre has designed and developed a new web site with various modules and complete information about the University and its process from August 2010 onwards. Ongoing activities of computer centre are:

 ➢ Updating the web content or pages, co-ordinating with content creators/authors for new content if required. Analyzing statistics and reports including web site visits and traffic and take appropriate actions if required.

 ➢ Developing and maintaining website as per policy.

 ➢ Keeping track of renewals due, obtaining new domain names and liaising with customer and vendor for renewals.

Publication of University Result

The examination results of UG and PG programmes of the affiliated colleges and Distance education is published in the university website.

Information Security

The information in computers is protected by Quick Heal Antivirus software. It is a powerful, efficient and user-friendly anti-virus application that guards our computers against viruses, Trojans, worms, spywares, rootkits, hackers and all other latest threats.

 ➢ Files stored in each computer are automatically scanned for viruses every day. If a virus is found, the file is cleaned and a notice is sent to the owner of the file informing

that a virus was found and cleaned. The Anti-Rootkit module detects and cleans rootkits proactively by a deep system scan.

➢ **Network Security**

The University has **Sonicwall E5500 NSA** series Firewall used for internet security, network security, e-mail protection and secure remote access. It offers outstanding protection and performance while delivering elegant simplicity and unparalleled value. It delivers the high performance protection required by enterprise-class networks in a solution that is engineered to drive the cost and complexity out of running a secure network.

Activities performed in Computer Centre using Sonicwall

➢ MAC-IP Anti-spoof is used for every system containing Network Interface Controller (NIC) which has a unique MAC (Media Access Control) address, by matching MAC address with IP Address No. one can have permission to change the IP Address of their system.

➢ As a part of security services, group policies are created by enabling content filter option according to the categories like Admin wise Policy, Faculty wise Policy, Students wise Policy, Non Teaching staff wise Policy and Research Students wise policy to protect the traffic from network by blocking the sites according to the policies.

➢ Real time Monitoring, Log Monitoring and Packet Monitoring are used to supervise the entire Dataflow in the University campus. The features of NSA E5500 are displayed in Table 4.13

Table 4.13 Technological features of NSA E5500

Model Features	NSA E5500
Logging	ViewPoint, Local Log, Syslog
Authentication	XAUTH/RADIUS, ActiveDirectory, SSO, LDAP, Internal User Database
Dynamic Bandwidth Management, Integrated Wireless Switch & Controller	Yes
Stateful High Availability, SSL Control & IPv6 Ready	Yes
Quality of Service (QoS), Policy-based NAT & Object-based Management	Yes

➢ **Risk Management**

Risk Management is the process of planning, leading, organizing, and controlling the University resources and activities to minimize the adverse effects of accidental losses. The Risk Management policy of the computer centre aims to strike a balance between risk and opportunity to safeguard the university community and to support the continued success and academic growth of the University. The University recognizes that it has an obligation to promote the health and safety to spread awareness in the community about effective risk management.

For the Risk Management, the Computer Centre has following facilities;

➢ Sonicwall firewall device for Internet security and Network security.
➢ Each server has the RAID mirror to secure the content of the university.

> ➢ Domain policies have been created which control the users of the Computer System in a proper way.
> ➢ Entire database backup of the University website is done twice a month from the Server using 1TB External Hard Disk and maintained separately.
> ➢ The centre has six fire extinguishers which can be used to protect any physical damage to the properties, in case of fire.
> ➢ Two 1.5 ton split air conditioners are used to maintain the temperature constatntly in the Server room which contains Routers, Switches and Servers.
> ➢ Two 5 KV UPS with 40 batteries of 100AH feature are used for power backup.

Software Asset Management

Software Asset Management involves managing and optimizing the purchase, deployment, maintenance, utilization, and disposal of software applications within University. The software used in the computer centre are listed below :

> ➢ Microsoft Windows Server Std 2008 R2 Single OLP NL Acdmc 32 Bits.
> ➢ Microsoft Windows Server Data Centre 2008 R2 Single OLP NL Acdmc 32 Bits
> ➢ Microsoft Windows Sever Std 2008 SNGL OLP NL Acdmc UserCAL
> ➢ Oracle Database Standard Edition
> ➢ Quick Heal Antivirus Server Edition and Internet Security 2012 Premium
> ➢ Matlab 6.5

Open Source Resource

Several challenges emerge with the advancement of information technology in these years. The students who take up computer science have to face more pressures to have access to new flooding of knowledge. Today, the innovation on source code named open source movement is advocated by researchers and students.

> ➢ In the Computer Centre, students can use open source application method in Linux operating system by activating Telnet.
> ➢ Correspondingly, the centre has been made to achieve open source environment in curriculum system setup, teaching strategy and resource construction.

➢ Green Computing

The electronic gadgets were disposed with proper e-waste management techniques without affecting the environment.

> ➢ Proper use of energy efficient machines help in saving power. For reducing energy consumption the power management options will be enabled in every system turn off computers and printer when they are not in use by centralized power mode operation.
> ➢ By the way of circulating and editing documents electronically, printing and copying on both sides of the paper whenever possible helps to conserve paper, ink and toner.

4.3.2 Details of the University's Computing Facilities

Number of systems with individual configurations are shown in Table 4.14

Table 4.14 System configuration with specifications

S.No.	Name of the system	Processor	RAM	No. of computers
1	Acer Veriton	Intel(R) Core(TM)	1 GB	48
2	Acer Power	Intel(R) Core(TM)	1 GB	12
3	HCL	Intel(R) Core(TM)	1 GB	12
4	Lenovo	Intel(R) Core(TM)	1 GB	12
5	Lenovo M71E	Intel(R) Corei3	2 GB	51
6	Lenovo55KTHAUS	Intel(R) Core (TM)	1 GB	10
Total				145

Total Number of systems in the Internet Centre: 61

Computer Student Ratio

The Computer centre was established in the year 2007 with financial grant from the UGC to provide the computing facility to the university faculty and students. The Computer Centre has 84 personal computer systems including the latest software packages with high speed Ethernet network and extends support facilities to all departments of the University and ensures optimal utilization of computer facility.

➢ The computer centre remains open to faculty and students throughout the week.

➢ Training programs are organized for faculty and students to impart in-depth knowledge in the latest software technology.

Dedicated Computing Facilities

The computing resources in the university are provided the use of faculty and students in support of teaching, learning, research, consultancy and administrative activities. In order to ensure maximum access, computing resources are used in a responsible way by .

➢ Providing a secure network infrastructure and increases technological efficiency of the staff and students.

➢ Besides central computing facilities each department of the university has its own computing resources. These resources offer access to word processing, database packages, Internet, e-mail and print services.

Wi-Fi Facility

The entire university campus is provided with Wi-Fi facilities for staff and students. The wireless network allows laptop computers to connect to the campus network using wireless/radio frequency technology.

• High powered, cost effective and Secure Wi-Fi connectivity for complete campus will be a great source of information and will augment the teaching-learning activities.

LAN Facility

The Computer Centre provides Internet facilities to the entire university campus by using optical fibre leased lines from BSNL at 1GBPS speed. BSNL 1GBPS is connected to Cisco ASR1001 Router which again connected to Sonic WALL NSA E5500 Firewall and

from this Firewall connection is made to core L3switch. Cisco catalyst 3750 L3 switch is at distribution layer and installed at the server room, Cisco SGE2000 L2 switch is at distribution layer and installed at each building, Cisco SG 300 switch is at access layer installed at each Department. The belowabove diagram shows the integrated network connectivity.
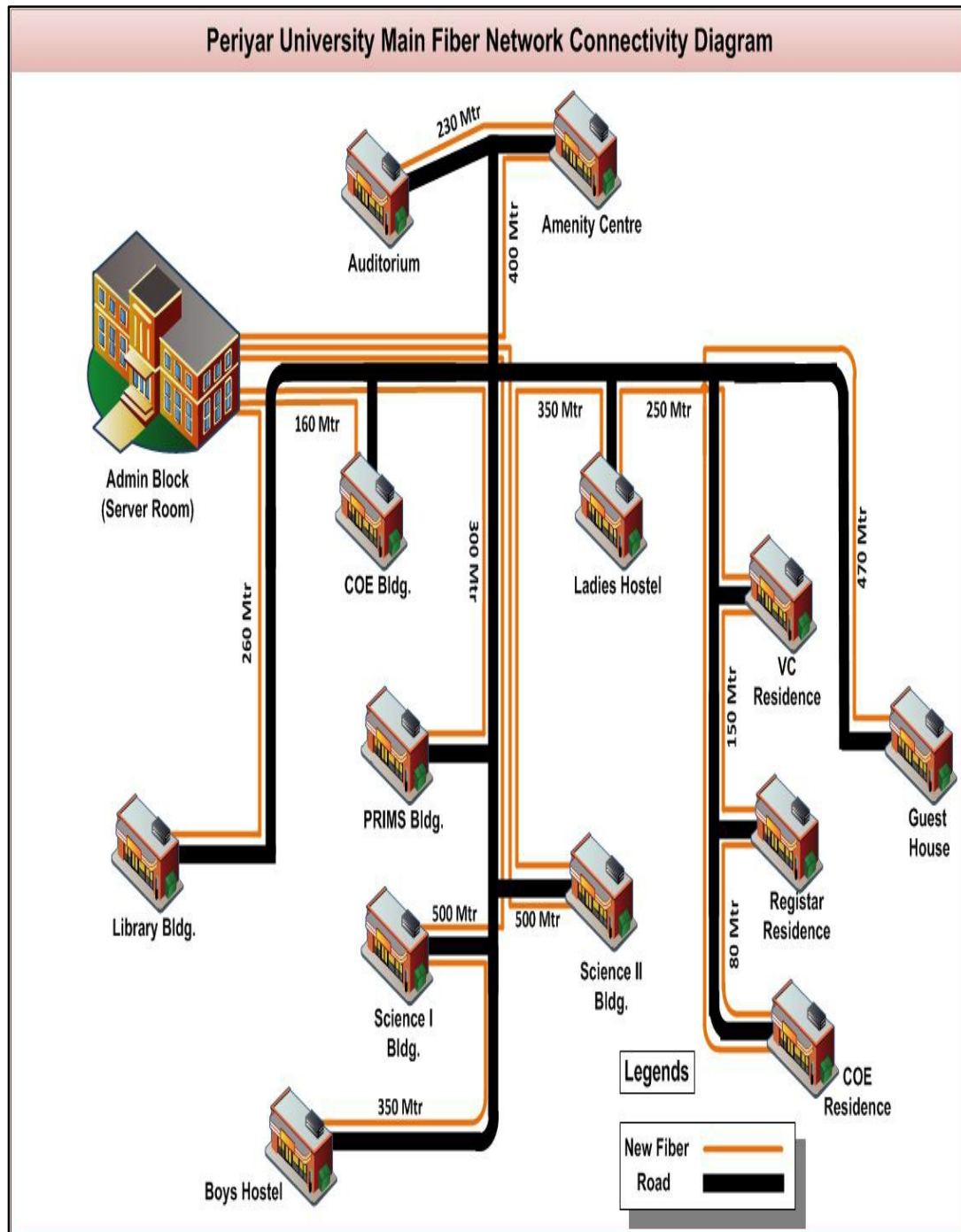
Fiber Route

Six 24F fiber cables are laid from the server room to connect all the 14 buildings across the campus. The diagram shows the main fibre network connectivity.

Integrated Diagram for Periyar University
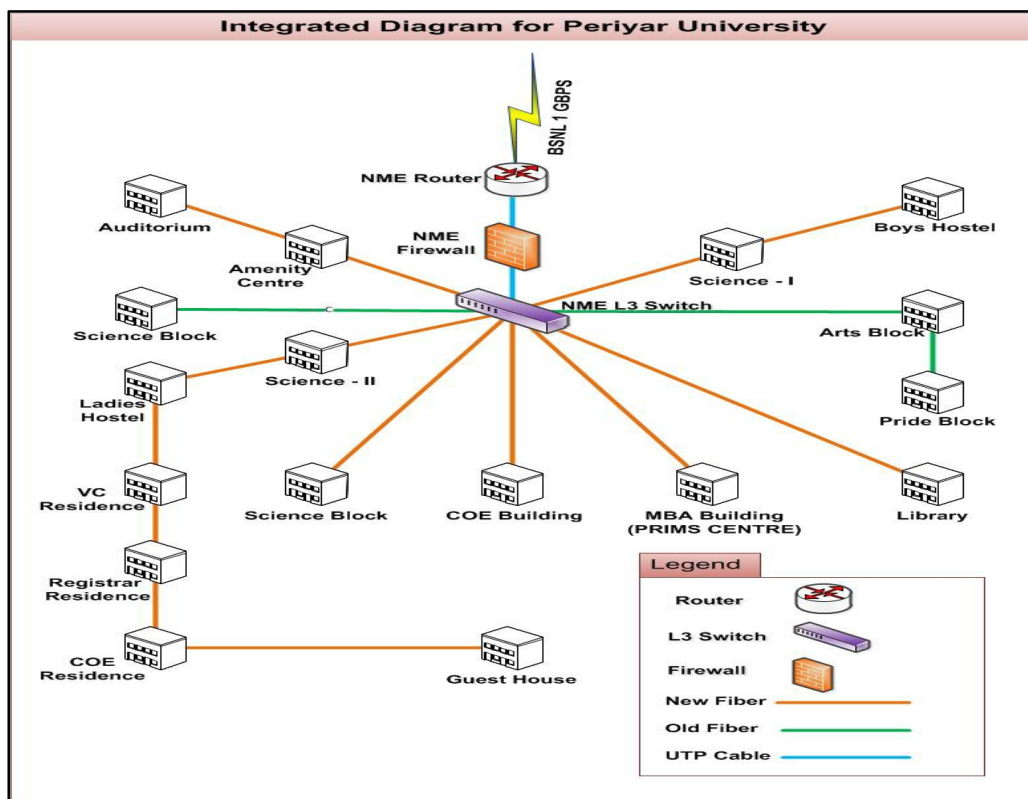
.**Proprietary Software**

The Proprietary Software used are ORACLE, MATLAB, Microsoft Operating System (Windows Server 2003R2 (32 Bit) SNGL OLP NL Acdmc), Windows Server (CAL 2008 NL Acdmc UsrCAL), Quick Heal Antivirus Server Edition.

Number of Nodes/ Computers with Internet Facility

Periyar University has sophisticated central instructional computing facilities which include state-of-the-art computers connected over a network to our labs and offices. The lab contains 84 personal computer systems, interconnected via an ultra-fast Ethernet network. In addition, an Internet Centre with 61 personal computers was established in the year 2012. A valid Student ID and Network login/password is required to use and access any of the computers in the lab.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

  ➢ Cloud computing facility is be executed for networking with affiliated colleges and other institutions.
  ➢ Grid computing facility is created with existing systems in the university.
  ➢ Satellite village facility is created for sharing information from the institution to remote places.

4.3.4 Give details on access to on-line teaching and learning resources and other knowledge and information database/packages provided research.

The faculty and students are provided access to the following learning resources and other knowledge and information databases for quality learning. The following database/packages/journals are available in the university library for the benefit of students

and scholars : American Chemical Society, American Institute of Physics Journals, American Physical Society Journals, Cambridge University Press, Economic and Political Weekly, ISID, JCCC @ UGCINFONET, JSTOR, Springer Link, Web of Knowledge and Wiley Online.

4.3.5 What are the new technologies deployed by the university in enhancing Student learning and evaluation during the last four years and how do they meet new/future challenges?

The following new technologies have been deployed during the last 4-5 years to enhance student learning and evaluation:

> ➤ Establishment of Campus Wide Network.
> ➤ Establishment of Internet Centre with air condition, 10KV UPS and strengthening of the centre by the addition of 61 computers and internet facilities in the both ladies and gents hostel.

These technological facilities certainly helped the students in making learning environment more technology oriented. Also students have a lot of opportunities to learn outside the walls of the class rooms.

4.3.6 What are the IT Facilities available to individual teachers for effective teaching and quality research ?

All the members of the faculty have been provided computers with internet connection. Necessary software and software development tools have been provided for preparation of lecture slides, reports and application software. Classes are conducted by the teachers using LCD projectors, interactive board and statistical tools.

4.3.7 Give details of ICT – enabled classrooms/learning spaces available within the university? How are they utilized for enhancing the quality of teaching and learning?

The most recent coaching tools like Interactive Electronic Boards, LCD projectors and computers are widely used as classroom teaching support in university teaching departments. T h e Language Lab is providing ICT- enabled platform to the students to improve their communication skills. Adoption of ICT-enabled modern teaching methods has helped teachers to make their teaching more interactive and effective.

4.3.8 How are the faculty assisted in Preparing Computer-Aided Teaching-Learning Materials? What are the facilities available in the university for such initiatives?

The staff members in computer centre are qualified professionals in handling the systems and assist the other faculty to prepare power-point presentations, animations and other digital material. Technical consultations are rendered to faculty and students. Supporting materials like CDs, DVDs and books are provided. The Department of Computer Science organize workshops to enrich the technical skills of faculty.

4.3.9 How are the computers and accessories maintained?

Maintenance of computers is done by relevant authorized engineers and programmers of University in the following manner:

Computers, Servers, Routers and Switches Cleaning

Every computer contains temporary and other junk files which slow the system performance. In Computer Centre and Internet Centre this is cleaned by using cleaner software and run the windows disk cleanup tool once in a week. Vacuum cleaner is used to suck the dust and other particles from the Computers, Servers, Routers and Switches.

Backup

> ➢ Back up of university website database and other important official information regarding computer centre, is taken twice a month from the server using 1TB external hard disk and maintained separately.
> ➢ Back up of servers, routers, switches and sonicwall configurations including applied policies are taken once in a month.

Software updates

Licensed Software such as Microsoft Server Windows Server Std and data Centre 2008, Quick Heal Antivirus Server Edition and Internet Security 2012 Premium, routers, switches and sonic wall software are set to be automatically updated every day.

4.3.10 Does the University avail of the National Knowledge Network connectivity? If so, what are the services availed of?

As per MHRD instruction, 1 GBPS connectivity provided to the NME-ICT project University is yet to be extended to National Knowledge Network. The University has been provided with 1Gbps connectivity through L2VPN by connecting to BSNL IP Network through gigabit Ethernet interface from Juniper router provided by BSNL and the IP address is allotted by National Informatics Centre (NIC).

4.3.11 Does the University avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?

The computer centre is maintaining a separate Proxy server for the university library for accessing the Web Resources like UGC – Infonet Digital Library and Online Journals according to the group policies. The proxy server provides the resources by connecting to the specified server and requesting the service on behalf of the client.

A proxy server may optionally alter the client's request or the server's response, and sometimes it may serve the request without contacting the specified server. These facilities are extremely valuable to all faculty, students and research scholars in the university to improve their quality of research activities. A valid User ID and password is required to Login and access the E-Resources from anywhere in the world.

The E-Resources Database menu contains the following Journals: American Society for Microbiology, EBSCO Database, Emerald, International Journal on Artificial Intelligence Tools, International Journal of Computational Intelligence and Applications, International Journal of Pattern Recognition and Artificial Intelligence, International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, RBI Bulletin, The Journal of Educational Research, World Bank Economic Review.

4.3.12 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the university.

The University has central contingency budget for the upgradation, deployment and maintenance of computers/peripherals and purchase of accessories. Besides, the departments/offices are also allocated budget for this purpose, and are authorized to purchase the required spare parts/items from the market at approved rates. There is a budgetary provision for the purchase of computers and its maintenance.

4.3.13 What plans have been envisioned for the gradual transfer of teaching and learning from closed university information network to open environment?

The university realizes the importance of lifelong learning and individualized instructions and is engaged in the process of creating open resources. Utilizing these resources will become an integral part of curriculum as students are encouraged to utilize these resources to the maximum. Teachers are encouraged to create the online resources

to enhance the open learning process. The concept of virtual learning environment is also under consideration.

4.4   Maintenance of Campus Facilities

4.4.1   Does the University have an estate office / designated officer for overseeing the maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

Yes. Efforts have been made to appoint Estate Officer and university Engineers. The Public Works Department of the Government of Tamil Nadu is currently helping the University in estate maintenance with its civil and electrical wing. The designated engineers have been provided with office inside the campus. Separate assistants and electricians have been appointed by the university and they work under the supervision of engineers deputed by the State Government. An Assistant is recruited to monitor gardeners to take care of campus beautification and horticultural work. Campus cleaning is rigorously done by sweepers and scavengers with a structural supervision. The University maintains a botanical garden under the supervision of Botany department and a children's park inside the premises.

4.4.2   How are the infrastructure facilities, services and equipments maintained? Give details.

Annual Maintenance Contracts (AMC) have been made for the maintenance of costly equipments purchased under different schemes and departmental grants. The University has established Centre for Instrumentation and Maintenance Facility (CIMF) to take care of the repair and maintenance of lab equipments, electronic devices and computers in the University departments. The CIMF periodically organises workshops and training programmes for the benefit of faculty, students and technical staff of the University and affiliated colleges.

Any other information regarding Infrastructure and Learning Resources which the university would like to include

In future, there is a plan to construct exclusive hostel for married research scholars, health centre and quarters for teaching and non-teaching staff members.

CRITERION V:
STUDENT SUPPORT AND PROGRESSION

CRITERION V: STUDENT SUPPORT AND PROGRESSION

Realising the fact that students are the backbone of any higher learning institution, necessary support services in the form of curricular, co-curricular and extra-curricular support, financial and non-financial support, welfare measures, career support, moral support etc. are offered to students in various forms not only to attract them but also to give them a highly useful learning experience till they complete their programmes. A sound mind needs a sound body to improve intellectually and hence all efforts have been taken to develop their skills in sports and games and keep them physically fit by providing adequate playing fields and gyms with qualified Physical Directors. A number of centres have been formed with the objective of incubating social awareness and social responsibility in students and to bring out the latent talents of students. These centres create opportunities and experiences for them to bloom as efficient professional and self regulated, conscientious individuals.

5.1.1 Does the University have a system for student support and mentoring? If yes, what are its structural and functional characteristics?

Yes, Periyar University's major mission is to provide academically conducive and worthwhile environment to the students with motivated and inspirational faculty. Students support is perceived as one of the vital aspects in intellectual development. In this connection, earnest efforts are made to ensure students progress and achieve their optimum potential in academic, research and creative skills by utilizing the various facilities provided to them. The syllabus is so framed that students develop self confidence and creative sense. Three to four students are allotted to each faculty in the department to supervise research work as mentors. Students also have access to "mind train" programmes like Yoga ,physical training, training in Communication and Soft Skills, Coaching classes for SET/NET examinations, and public service examinations utilising the UGC plan period grants. The NSS coordinator takes the responsibility of imbibing a sense of social responsibility in students. Each department is extending intellectual and infrastructural facilities to the student community through Extension Activities outside the University and to the general public. The Admission cell and Planning and Development cell of Registrar section take care of the students' needs in all aspects. The Research and Development Cell provides guidance and assistance for research from admission to the award of the Ph.D. degree. The needs of the alumni are taken care by the Alumni Association. Apart from these the university provides services like certificate authentication, career guidance, coaching for national level examinations and placement.

5.1.2 Apart from classroom interaction, what are the provisions available for academic mentoring?

- Short term Research Project Guidance
- Tutorials/ Assignments
- Remedial classes for needy students
- Training to participate and present papers in various academic fora
- Educational tour
- Internships

5.1.3 Does the University have any personal enhancement and development schemes such as career counselling, soft skill development, career-path-identification, and orientation to well-being for its students? Give details of such schemes.

Career Counseling Centre

The Career Guidance and Placement Cell does yeoman service to the student community of the University. This Cell conducts training and counselling programmes very often by inviting experts from various software companies, and signed an MoU with Tata Consultancy Services (TCS) which provides adequate training and counselling for students to get employed.

Soft Skill Development

Soft Skills like Personality Development, Spoken English and Basic Computer skills are incorporated in the CBCS curriculum. The Department of Computer Science, Management Studies, Commerce, Economics and Education conduct programmes for soft skill development.

Orientation Programme

Orientation Programmes for the fresher are conducted by the University to acquaint them with higher education, University system, syllabus content, exam pattern, evaluation etc,. Experts and in house faculty are involved in this process.

5.1.4   Does the University provide assistance to students for obtaining educational loans from banks and other financial institutions?

Yes, the University helps the students to get educational loans from nationalized banks and from various charitable trusts. Bank managers are invited to address the students to make familiar with the procedures of getting a draw. The University departments also advise the students to make use of such provisions.

5.1.5   Does the University publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included / provided to students through these documents? Is there a provision for online access?

Yes, the University is very particular in providing the updated prospectus/ CBCS handbook to the students along with applications for admission. Details on programmes offered in the departments, facilities available, areas of research, fee structure, hostels, and library information are included in the prospectus. The University also provides academic calendar meant for University departments and all affiliated colleges. The University also furnishes the electronic version of updated/revised prospectus in the University web site periodically.

5.1.6   Specify the type and number of University scholarships / freeships given to the students during the last four years. Was financial aid given to them on time? Give   details   (in   a   tabular   form)   for   the   following   categories: UG/PG/M.Phil/Ph.D./Diploma/others (please specify).

Financial support

Periyar University provides financial support to students through Tamil Nadu Government scholarships, merit scholarships and endowment scholarships. Fee concession and exemption for SC/ST students, fellowship through various sources like UGC-CSIR, UGC-Rajiv Gandhi Research Fellowship, CSIR (JRF/SRF), UGC (NET), Jawaharlal Nehru Fellowship, DST, INSPIRE Fellowship and ICSSR. In addition, the University also provides University Research Fellowship (URF), and other endowment scholarships to students. The University provides 88 URFs with the fellowship of Rs.5,000/- per month (from 2014 onwards) for Research Scholars in the University departments. Apart from SC/ST, BC/MBC and National Merit scholarships, there are 32 endowment scholarships available to students of the University departments.

A special and unique scheme namely "Earn While You Learn" has been initiated and launched in 2014. A large number of students are provided part-time employment opportunities in the Controller of Examination Section.

The Periyar University Free Education Scheme was introduced in 2011-2012 which provides complete fee waiver for poor students based on merit and economic status in each of the PG programmes in the University departments.

Students are also given support to travel abroad to present papers at international conferences. Tuition fee concession is provided to the SC/ST/ and differently abled students of PG programmes and M.Phil. Ph.D. scholars programmes in the University departments.

The details of scholarship offered to students are given in Table 5.1.

Table 5.1 Scholarship offered to students during 2010-2014

S.N	Year	BC		MBC		SC		ST		Total	
		No. of Students	Amount in Lakh	No.of Students	Amount in Lakh	No.of Students	Amount in Lakh	No.of Students	Amount in Lakh	No.of Students	Amount in Lakh
1	2010-11	291	7.87	330	8.32	200	17.89	12	1.17	833	35.25
2	2011-12	297	7.73	421	10.59	321	35.30	14	1.66	1,053	55.29
3	2012-13	301	7.45	387	9.13	240	28.37	13	1.97	941	46.92
4	2013-14	189	7.08	228	8.26	340	39.29	15	1.78	772	56.43
Total								Grand		3,599	193.89

5.1.7 **What percentage of students receive financial assistance from state government, central government and other national agencies (Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)?**

The details of financial assistance from state government is given in Table 5.2.

Table 5.2 University Research Fellowship Details

S.No.	Year	No of the University Research Fellowship	Stipend per month	Stipend Per Year Rs.
1	2010-11	63	4000/- each	30.24
2	2011-12	70	4000/-each	33.60
3	2012-13	69	4000/-each	33.12
4	2013-14	64	4000/-each	30.72

The details of other fellowship received by the students are given in Table 5.3.

Table 5.3 Financial Assistance from State/ Central Government (Research Scholarship/ Fellowship)

S.No.	Name of the fellowship	No. of students
1	Moulana Azad National Fellowship	2
2	Kalaignar Research Fellowship	6
3	DST INSPIRE Fellowship	11
4	CSIR Senior Research Fellowship	7

5	CSIR Research Associateships	1
6	Rajiv Gandhi National Fellowship	25
7	ICSSR-Doctoral Fellowship	15
8	Dr. D.S. Kothari Post-Doctoral Fellowships	3
9	UGC Junior Research Fellowship	15

5.1.8   Does the University have an International Student Cell to attract foreign students and cater to their needs?

The University is planning to initiate International Students Cell to attract foreign students. The faculty in the University departments has international exposure and provides impetus for the students to carry out research through bilateral exchange programmes with students from foreign universities.

5.1.9   What types of support services are available for

* **overseas students**
* **physically challenged / differently-abled students**
* **SC/ST, OBC and economically weaker sections**
* **students participating in various competitions/conferences in India and abroad**
* **health centre, health insurance etc.**
* **skill development (spoken English, computer literacy etc.)**
* **performance enhancement for slow learners**
* **exposure of students to other institutions of higher learning/ corporates/business houses, etc.**
* **publication of student magazines**

Overseas Students

The admission process of the foreign students to various courses is taken special care of by the University and affiliated colleges. Hostel accommodation is provided to foreign students based on their requirements. Guidance is also provided to the students in seeking accommodation outside. They are given orientation on heritage values of Indian Culture and local sentiments. The University takes steps to create an academically conducive and intellectual ambiance in its campus as well as the campuses of the affiliated colleges to attract more students from aboard.

The Details of International Students enrolled in affiliated colleges is given in Table 5.4.

Table 5.4 No of International Students Enrolled in Affiliated Colleges

S.No.	2010-11		2011-12		2012-13		2013-14	
	UG	PG	UG	PG	UG	PG	UG	PG
1	219	17	225	3	168	13	71	44

Physically challenged

* Most of the blocks in the University are laid with a ramp to assist the differently abled students to reach their class rooms easily
* The University provides all possible assistance for them to get scholarships and

bank loans for their educational assistance.

- Scribes are also provided to enable them to perform well in both academic and research activities.
- Research Project guidance assistance is provided to the visually challenged students.

SC/ST/OBC and economically weaker sections

- Fellowships / scholarships are disbursed regularly to the economically weak students.
- Fee concession is given to the SC/ST and economically weaker sections.
- Remedial classes are conducted.
- Coaching classes are conducted for NET/SET exams through the UGC scheme.
- The Periyar University Free Education Scheme was introduced in 2011 to foster the scheme of complete fee waiver for poor students based on merit and economic status in each of the PG programmes in the University departments.

Students participating in various competitions/conferences in India and abroad

- Students are usually encouraged to participate in the national and international events/seminars/conferences.
- Travel support is provided to attend national conferences.
- Students are encouraged to approach Government funding agencies to get travel allowance.

Health Centre and Health Insurance

- All the students studying in the University departments and constituent colleges are covered by health and accident insurance. The premium for this insurance coverage for all the students is borne by the University.
- Well-equipped health centre with round the clock service is available in the campus in the Amenity Centre.
- Besides the periodical medical camps organized by NSS/YRC/RRC doctors visit the boys and girls hostels during the specified hours daily.

Skill Development

Periyar University has been offering Skill Development programme to all its students. It is mandatory for every student of the University and affiliated colleges to acquire eight credits from this programme to successfully complete their post graduation programme.

- The departments organise various programmes for skill development and personality development.
- The language labs give training in spoken English and to improve proficiency in English.
- Computer training programmes for web designing, accounting, net browsing etc., are given by the computer center.
- Training to handle the advance scientific packages, statistical tools, graphical programmes are also given to the research scholars of the science Departments.

Slow Learners

Each department conducts remedial classes, cycle tests to the slow learners for their better performance in both academic and research activities and with an effort to make them employable.

Exposure of students to other institutions of higher learning/ corporates/business houses, etc.

- Study tours are organized to visit industries/laboratories.

- Internship to business house is encouraged as self study course in most of the departments.

- Students visit various institutions of higher learning, industrial establishments, corporate, business houses and NGO organizations in connection with their project work.

- Science students are encouraged to apply for Summer Research Fellowship of Indian Science Academies to visit research institutes to carry out research for a period of two months.

Student Magazines

The University publishes WISDOM, an official quarterly Newsletter of Periyar University, since 2011. It gives wide coverage to both academic and research activities of the University. Besides, magazines like **Aboriginal** by the Department of Commerce and **MIRROR** by the Department of Journalism and Mass Communication are also published to highlight the contributions by students and research scholars. These magazines give avenue to their creative writing and research articles.

Journals Published by the Departments

- International journal of computational intelligence and informatics (ISSN 2231-0258 by the Department of Computer Science

- Journal of Current perspectives in Applied Microbiology (ISSN 2278-1250) by the Department of Microbiology)

- Chemical Research letters (Bi-annual Journal) (ISSN 2319-6246) by the Department of Chemistry

- Periyar University Journal of Psychology (An International Journal) by the Department of Psychology (ISSN 2319-9601)

5.1.10   Does the University provide guidance and/or conduct coaching classes for students appearing for Civil Services, Defense Services, NET/SET and any other competitive examinations? If yes, what is the outcome?

Yes, the University conducts free coaching classes for the aspirants of UPSC/ Group I & II examinations, NET/SET Free Coaching classes with study materials. The IAS/ IPS Free Coaching Centre does yeoman service to the student community of Periyar University. The "Periyar Institute of Administrative Studies (PRIAS) for IAS/IPS coaching also conducts programmes under the UGC merged scheme grants. The students are employed in State/Central governments offices through Civil Service and Public Service Examinations. The Details of Students passed UGC NET/SET are given Table 5.5.

Table 5.5 List of Students passed NET/ SET/Other

S.No	Year	NET/SET/ Other
1	2010-11	27
2	2011-12	38
3	2012-13	75
4	2013-14	26

5.1.11   Mention the policies of the university for enhancing student participation in sports and extracurricular activities through strategies / schemes such as

∗ **additional academic support and academic flexibility in examinations**

∗ **special dietary requirements, sports uniform and materials**

∗ **any other (please specify)**

Students of the University participate in South Zone and All India Inter- University sports competitions annually. The NSS Unit of the University organizes regular and special camps related to health and hygiene, literacy, environment, personality development etc. These camps are usually held in the university campus, affiliated colleges or in the adopted villages. The NSS Unit also deputes volunteers to various Inter State camps, National Integration camps and also inter-state and National Cultural Festivals. The NCC students of Periyar University also took part in the All India Basic Leadership Camps.

The Art and Cultural Centre has organized a two day Seminar on 21 & 22/ 01/ 13 for the University departments and affiliated colleges to revise and sustain traditional folk arts like Karagattam, Oyillattam, Mayillattam, Puliattam, Gummiattam, Naiyandy, Mellam, Thappattam, Nattuppura Padal, Bommallatam, Phoeikkal kudhirai, Silambattam, Kolattam, Kavadiattam, and Oranga Naadagam. Experts in these folk arts are invited from Madurai, Tanjore, Trichi and Thirunelveli. They have trained nearly 200 students in these folk arts. The centre also organized a one day Workshop on Art and Traditional Culture on 05/09/13 for University departments and affiliated colleges.

The Physical Education Department conducts tournaments and sports events regularly for women students at the University. The department also facilitates participation by women students in cricket, throw ball, basket ball and volley ball events.

- Sports quota system is in vogue for all P.G and M.Phil. Admission.
- TA/ DA is provided to sports persons.
- Re-examinations are conducted whenever needed.
- Summer camps are organized by the NSS unit through colleges.
- Uniforms and all possible assistance are provided to them.
- Youth Red Cross organizes health and social awareness programmes.
- Flexible academic policy is adopted for students participating in sports and games.
- Separate examinations are conducted for those students participating in any national/regional level competitions while examinations are in progress.
- Special classes are arranged for sports students.

5.1.12   Does the University have an institutionalized mechanism for students' placement? What are the services provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?

The Career Guidance and Placement Cell functions as nodal agency between the University departments and the industry to provide employment opportunities for students through campus interviews.

Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years).

The University has organized 133 campus recruitment drives for the benefit of 39,503 undergraduate and postgraduate students. Totally 2420 Students have been selected. Among the selected 1400 are women. Companies which participated in the campus recruitment drive include,

1. TCS-IT, Chennai
2. TCS-BPO, Chennai
3. Wipro Technologies
4. Blue Lotus
5. Vee Technologies, Salem
6. Reliance HR Services , Chennai
7. Vedanta Resources-Malco & Sterlite Company Ltd, Mettur
8. SKI Retail Capital Ltd-Sriram Group, Chennai
9. SBI Life Insurance Co Ltd, Salem
10. Indian Air Force – Bangalore HQ
11. HCL Ltd, Chennai
12. Mahendra Satyam Ltd, Chennai
13. L& T Ltd.
14. First American Ltd, Bangalore
15. MALCO School - Mettur
16. Kalki ITI & School, Omalur
17. RGMTTI, BSNL-Chennai
18. India Finance Bazzar – Indian Financial Market Academy
19. Infosys Technologies Ltd, Mysore
20. CGI Logica Ltd. (Fore Brain Tech), Chennai
21. Transstaff Solution Ltd, Chennai
22. Infinity Technology Solutions, Chennai
23. Blue Lotus, Chennai
24. UTL Technologies,
25. Vinayak Infotech.

5.1.13 Does the University have a registered Alumni Association? If yes, what are its activities and contributions to the development of the University?

Yes, Periyar University has a registered Alumni Association (PUAA). It was formed on 14th June 2011. The aim of this association is to provide a platform for the alumni of the Periyar University to congregate and to contribute towards the development of the alma mater and its students. Alumni give feedback on curricular aspects, placement and innovation. The departments of the University also invite alumni holding various positions in public and private sectors to address the students.

5.1.14 Does the University have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?

Yes. The students grievance redress cell is actively engaged in redressing the grievances of students. The members of the cell meet once in a week in the afternoon to redress grievances if any. Grievances regarding non-receipt of Mark Statement, Provisional Certificate, Degree Certificate, Genuineness Certificate, Course Completion Certificate, Revaluation result, infrastructural facilities and so on are redressed every month through this cell which is chaired by the Vice-Chancellor.

5.1.15 Does the University promote a gender-sensitive environment by (i) conducting gender related programmes (ii) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details.

Yes, the University promotes gender-sensitive environment. The Women Welfare Centre and the Women Studies Centre of our University have conducted programmes to highlight the gender sensitive issues. The University strictly follows the Government norms to protect women from harassment in the campus. Any complaint on harassment (or) sexual abuse of misconduct is seriously viewed and punishment will be given based on the reports. Anti Sexual Harassment Cell, as per the Supreme Court guidelines in Vishaka case, is formulated in 2013-14 to take care of complaints on harassment.

Women's Studies Centre

The UGC funded Women's Studies Centre is instituted in the academic year 2010 - 2011 with the vision is to inculcate Periyar's principles in support of women and educating them against practices such as early marriage, female infanticide, domestic violence against women, sexual abuse, unequal rights to women and women health. Its mission is to elicit representation "on the women, of the women and for the women". As per the guidelines of the UGC and the Supreme Court an Anti Sexual Harassment Cell has been constituted which functions under the Women Studies Centre, Periyar University (2013-14 onwards). A Gender Sensitisation Committee has been formed in 2014 as per the Supreme Court guidelines in Vishaka case and SAKSHAM Scheme of the UGC under the Women Studies Centre. The website page link is created exclusively for Women's Studies Centre and the page was linked to Periyar University website on 09.12.2011. The programmes organised by Women's Studies Centre are listed in Table 5.6.

Table 5.6 Programmes Organized by Women's Studies Centre

S.No.	Name of Programme	Date	Organized By	Impact of the Programme
1.	One day Sensitization Programme on "Establishment and sustenance Women's cell in colleges"	03.09.2014	Women's Studies Centre	Created Establishment and sustenance Women's cell in colleges Periyar University College and Affiliated College
2.	One day Awareness Programme "Women and Child Trafficking"	11.12.2013	Women's Studies Centre	Awareness on Women, girl child and women and girl students
3.	" Swami Vivekananda and Women Personality"	19.12.2013	Women's Studies Centre & Centre for Swami Vivekananda Studies	Awareness on Women's Personality
4.	Two Day Value Education Workshop Vivekananda's Contribution to Women's Renaissance	22.01.2014 23.01.2014	Women's Studies Centre & Centre for Swami Vivekananda Studies	Two Days Value Education Workshop Women's Renaissance

Women's Welfare Centre

The Women's Welfare Centre was constituted in September 2009 to focus on the various issues pertaining to women and their welfare within the University. Be it a student, menial worker, administrative staff or a faculty, the centre takes utmost care to solve the grievance placed before it. The WWC has also organized programmes keeping in mind the holistic well being of its women folk. The programmes organized by Women's Welfare Centre are listed in Table 5.7

Table 5.7 Programmes Organised by Women's Welfare Centre

S.No.	Year	Programmes Organised
1	2010-11	1. **Gavanagam** – a programme for improving memory power, concentration, creativity, and mathematical ability. 2. Awareness Programme on Women's Rights
2	2011-12	Women's Day Celebration
3	2012-13	**Women's Day** on **08 March 2013** -a Special Address by **'Kalaimamani' Thirunangai Narthaki Nataraj** followed by her Special Dance Performance **"Thamizhamuthu".**

5.1.16   Is there an anti-ragging committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?

The anti ragging cell comprises faculty and student representatives and regularly monitors and sensitizes students against ragging and anyother sort of abuse. Anti ragging circulars and posters are displayed on the notice boards and also on the main campus walls. Fortunately, the University has so far not faced any severe problem in this regard.

5.1.17   How does the University elicit the cooperation of all its stakeholders to ensure the overall development of its students?

- Periodical student representatives meeting.
- Parents-students-Faculty-Administrative staff meeting.
- Addressing student issues in the departments and in the Hostels.
- Reviewing students' performance in examination.
- Encouraging students by conducting motivational lectures by eminent scholars.
- Getting feedback from the Alumni Association.
- University industry link for experiential learning and placement.

5.1.18 How does the University ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.

The Women students of the University are actively participating in the inter and intra institutional sports activities. The Physical Education Department is conducting inter university tournaments and sports events for women at the south zone level in Periyar University. There are University women teams for cricket, throw ball, basket ball and volley ball exclusively for women participation.

Cultural Activities:

Women students participate in large number in the cultural programmes organized by the Women's Studies Centre, Periyar Birthday celebration, Independence Day celebration,

Republic Day celebration etc., Many women students have won prizes for their excellent performance in the competitions.

5.2   Student Progression

5.2.1   What is the student strength of the University for the current academic year? Analyse the Programme-wise data and provide the trends for the last four years.

The Students and scholars strength of the University Departments is given in Table 5.8.

Table 5.8 Student Strength during 2010-2014

S.No	Year	PG	M.Phil.	Ph.D.
1	2010-11	915	235	20
2	2011-12	1150	255	77
3	2012-13	1071	247	65
4	2013-14	1137	261	158

The details of progression studied in the University Departments is shown in Table 5.9

Table 5.9 Students' Progression in Percentage

Sl. No	Name of the Department	Programme PG to M.Phil.	Programme PG,M.Phil to Ph.D.
1	Biochemistry	30	21
2	Biotechnology	20	6
3	Botany	22	4
4	Chemistry	35	5
5	Commerce	10	20
6	Computer Science	24	4
7	Economics	60	50
8	Education	50	20
9	English	14.6	0
10	Environmental Science	15	5
11	Food Science and Nutrition	8	12.5
12	Geology	30	22
13	Journalism and Mass Communication	100	0
14	Library & Information Science	30	0
15	Mathematics	17	29.41
16	Microbiology	27	13.63
17	PRIMS	22.91	0
18	Physics	43	30
19	Psychology	30	10
20	Sociology	33.33	16.67
21	Tamil	63	8.7
22	Zoology	38	30

5.2.2   What is the programme-wise completion rate during the time span stipulated by the University?

The Average completion rate of students studied in the University departments is given in Table 5.10.

<div align="center">**Table 5.10 Pass percentage of the Students**</div>

Programme	PASS%			
	2010-11	**2011-12**	**2012-13**	**2013-14**
PG	73	70	74	84
M.Phil	96	97	90	98

5.2.3 **What is the number and percentage of students who appeared/qualified in examinations like UGC-CSIR-NET, UGC-NET, SET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.?**

The year wise date of students passed NET/SET/Other qualifying exams is presented in Table 5.11

<div align="center">**Table 5.11 Year-wise Progression of University Students passed NET/SET/ Other exams**</div>

S.No	Year	NET/SET/ Other
1	2010-11	27
2	2011-12	38
3	2012-13	75
4	2013-14	26

5.2.4 **Provide category-wise details regarding the number of Ph.D./D.Litt./D.Sc. theses submitted/ accepted/ resubmitted/ rejected in the last four years.**

The Details of Ph.D. Awarded and submitted in the last four years by students in the University Department are given in Table 5.12.

<div align="center">**Table 5.12 Ph.D. Awarded and submitted details.**</div>

Sl No.	Name of the Department	No. of Ph.D. Awarded 2010-2014	No. of Ph.D. Submitted 2010-2014
1	Biochemistry	13	8
2	Biotechnology	4	8
3	Chemistry	42	7
4	Commerce	48	2
5	Computer Science	5	2
6	Economics	5	6
7	Education	14	4
8	English	1	2
9	Food Science and Nutrition	4	1
10	Geology	8	4
11	Journalism and Mass Communication	3	1
12	Mathematics	29	2
13	Microbiology	6	4

14	Periyar Institute of Management Studies	17	10
15	Physics	26	
16	Psychology	-	1
17	Sociology	6	-
18	Tamil	23	7
19	Physical Education	3	1

The statistics of students enrolled in Ph.D. Programmes of Periyar University is given in Table 5.13.

Table 5.13 Status of students in Ph.D programme

Year	Affiliated Colleges	University Departments	Others (External)
2010-2014	1497	747	102

5.3 Student Participation and Activities

5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the programme calendar and provide details of students' participation.

The details of students participated in sports events are given in Table 5.14 to 5.20

Table 5.14   Inter University Tournaments Organized

Sl. No.	Year	Name of the Tournament	Men / Women	SZ/SWZ/ AIIUT	No of Universities Participated
1.	2009 - 2010	Chess	Men &Women	Swz	71
2.	2009 - 2010	Ball Badminton	Women	All India	41
3.	2011– 2012	Hockey	Women	SZ	25
4.	2011– 2012	Kabaddi	Men	SZ	59
5.	2011– 2012	Kabaddi	Men	AIIUT	16
6.	2012 – 2013	Handball	Men	SZ	40
7.	2012 – 2013	Handball	Men	AIIUT	14
8.	2012 – 2013	Handball	Women	SZ	23
9.	2012 – 2013	Handball	Women	AIIUT	12

Table 5.15   Inter University Participation

Sl. No	Year	No of Teams Participated			
		Men	**Women**	**M & W**	**Total**
1	2009 - 2010	10	09	03	22 teams
2	2010 - 2011	10	08	04	22 teams
3	2011 - 2012	09	10	02	21 teams
4	2012 - 2013	11	08	03	22 teams
5	2013 - 2014	11	08	03	22 teams

Table 5.16 Inter Collegiate Tournaments Organized

Sl. No	Year	No of Inter Collegiate Tournaments Organized			
		Men	**Women**	**Men & Women**	**Total**
1	2009-10	15	9	3	27
2	2010-11	15	11	3	29
3	2011-12	16	10	3	29
4	2012-13	13	10	6	29
5	2013-14	13	10	7	30

i.   Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.

Table 5.17 Achievements in Inter University Tournaments & Sports

Sl. No	Year	Games / Sports	Men / Women	Sz / Swz / All India	Organizing University	Results
1	2009-10	Power Lifting	Women	All India	Gnd Univ. Amritsar	Silver Medal
2.	2009-10	Kabaddi	Men	SZ	Kuvempu Univ. KA	Fourth
3	2009-10	Ball Badminton	Women	AIIUT	Periyar University Salem	Fourth Place
4	2009-10	Football	Women	SWZ	Pondicherry University	Runners
5	2009-10	Football	Women	AIIUT	Kuruksethra Univ. HR	Fourth
6	2010-11	Power Lifting	Women	All India	Kannur Univ. KL	Gold Medal
7	2010-11	Power Lifting	Men	All India	Kannur Univ. KL	Bronze Medal
8	2010-11	Athletics	Women	All India	Acharya Nagarjuna Univ.AP	Silver Medal In High Jump
9	2010-11	Football	Women	SWZ	Jiwaji Univ. Gwalior,MP	Third Place
10	2011-12	Kabaddi	Women	South Zone	University Of Madras	Winners
11	2011-12	Kabaddi	Women	All India	Kurukshetra University, Haryana	Third

12	2011-12	Hockey	Women	South Zone	Periyar University, Salem	Runners
13	2011-12	Kabaddi	Men	South Zone	Periyar University, Salem	Runners
14	2011-12	Kho – Kho	Women	South Zone	Pondicherry University	Third
15	2011-12	Football	Women	South Zone	Annamalai University	Third
16	2011-12	Weight Lifting	Men	All India	Guru Nanak Dev University, Amritsar	Silver Medal In +105 Kg Class
17	2011-12	Power Lifting	Men	All India	Guru Nanak Dev University, Amritsar	Bronze Medal In 120 Kg Class
18	2011-12	Power Lifting	Women	All India	Guru Nanak Dev University, Amritsar	Bronze Medals In 47 Kg Class & 63 Kg Class
19	2012-13	Teakwondo	Men	All India	Punjab University, Chnadigargh	Silver Medal in 54 kg Class
20	2012-13	Teakwondo	Men	All India	Punjab University, Chnadigargh	Bronze Medal in 63 kg Class
21	2012-13	Handball	Men	South Zone	Periyar University	Winners
22	2012-13	Handball	Women	South Zone	Periyar University	Third
23	2012-13	Handball	Men	All India	Periyar University	Winners
24	2012-13	Handball	Women	All India	Periyar University	Fourth
25	2013-14	Handball	Men	South Zone	Bharathidasan University	Runners
26	2013-14	Handball	Women	South Zone	Bharathidasan University	Fourth
27	2013-14	Power Lifting	Men	All India	Anna University	Gold Medal in 59 kg Class
28	2013-14	Teakwondo	Men	All India	Sathyabama University	Bronze Medal in 63 kg Class

Table 5.18 List of University Students Participation

S.No	Year	Event	No. of Events Participated	Prizes Own
1	2009-10	22 Teams	261	5 Teams
2	2010-11	22 Teams	294	4 Teams
3	2011-12	21 Teams	273	9 Teams
4	2012-13	22 Teams	241	6 Teams
5	2013-14	22 Teams	256	4 Teams

Table 5.19 Details of students participation in curricular and co-curricular activities

S.No.	Name of the Activity	Date	Organised by	Participants/ Prize winners
1	Independence Day Celebration	2010-2014	Organized by the University and coordinated by the Department of Tamil	Students, Scholars, Non-teaching & teaching Faculty
2	Quiz Programme	24.02.2010	Department of Microbiology	5 Schools have participated Ist Prize – Cluny IInd Prize- Holy Cross
3	Essay Competition	26.03.2010		30 School students Ist Prize – Cluny
4	Speech Competition	18.02.2013	Women's Studies Centre	Students from University Departments and Affiliated Colleges
5	Essay writing			
6	Poetry Competition			
7	Drawing			
8	Mime Show	20.02.2013	Women's Studies Centre	Students from University Departments and Affiliated Colleges
9	Dance Show (Solo and Group)			
10	Documentary Film	25.02.2013	Women's Studies Centre	Students from University Departments and Affiliated Colleges
11	Debate Competition			
12	Volley Ball	01.03.2013	Women's Studies Centre	Faculty and Non-teaching Staff of Periyar University
13	Basket Ball			
14	Lucky Corner	27.02.2013		
15	Passing Ball	27.02.2013		
16	Rope Pulling			
17	Mind Blowing			
18	Cooking Competition	28.02.2013		
19	Slow Scooty Race			
20	Cricket			
21	Quiz Competition on the eve of National Seminar on Current Zoology and Commemorating the birthday of Maulana Abul kalam Azad	06.01.2014	Department of Zoology Periyar University	Ist Prize – A.Zubedha IInd Prize- B.Anil IIIrd Prize -R.Gaithuilung

Table 5.20 Details of students participation in YRC activities

2010 -2011

S.No	Date	Activities	Number Of Participants
1	08.08.2011	Geneva Convention day (Salem, Namakkal, Dharmapuri and Krishnagiri.)	400 Students
2	01.10.2010	National Voluntary Blood Donars Day (Organised by IRCS at Raj Bhavan, Chennai.)	Zonal Coordinator & 10 Students
3	28.10.2010	HIV/AIDS Awareness Programme (Jointly Organised by UNICEF, & YRC Periyar University)	600 Students
4	19.01.2011 to 21.01.2011 (3 days)	3- day Zonal Level Orientation Training Programme (Jointly Organised by IRCS and YRC Periyar University)	25 Programme Officers & 80 Students
5	26.01.2011 to 01.02.2011 (7 days)	YRC Field Study Camp (Organised by Annamalai University, Chidambaram)	1 Programme Officer & 4 Students
6	24.02.2011 to 28.02.2011 (5 days)	YRC Study Camp (Organised by Madurai Kamaraj University, Madurai.)	1 Programme Officer & 4 Students
7	31.01.2011	One – day Orientation & Leadership Training Programme for YRC Office bearers (Organised by IRCS, Chennai.)	Zonal Coordinator & 52 Students
8	05.03.2011	One day Seminar exclusively for YRC Programme Officers of Polytechnic Colleges (Jointly Organised by IRCS and YRC Periyar University)	60 Programme Officers
9	05.03.2011	One day Workshop on Improving Voluntary Blood Donation (Jointly Organised by Tamilnadu State Aids Control Society and YRC Periyar University)	70 Programme Officers
10	31.03.2011	One day Seminar for YRC Programme Officers (Jointly Organised by IRCS and YRC Periyar University)	44 Programme Officers

2011 -2012

S.No	Date	Activities	Number Of Participants
1	08.08.2011	Geneva Convention day (Salem, Namakkal, Dharmapuri and Krishnagiri.)	400 Students
2	19.01.2011 to 21.01.2011 (3 days)	3- day Zonal Level Orientation Training Programme (Jointly Organised by IRCS and YRC Periyar University)	25 Programme Officers & 80 Students

3	26.01.2011 to 01.02.2011 (7 days)	YRC Field Study Camp (Organised by Annamalai University, Chidambaram)	1 Programme Officer & 4 Students
4	24.02.2011 to 28.02.2011 (5 days)	YRC Study Camp (Organised by Madurai Kamaraj University, Madurai.)	1 Programme Officer & 4 Students
5	31.01.2011	One – day Orientation & Leadership Training Programme for YRC Office bearers (Organised by IRCS, Chennai.)	Zonal Coordinator & 52 Students
6	05.03.2011	One day Seminar exclusively for YRC Programme Officers of Polytechnic Colleges (Jointly Organised by IRCS and YRC Periyar University)	60 Programme Officers
7	05.03.2011	One day Workshop on Improving Voluntary Blood Donation (Jointly Organised by Tamilnadu State Aids Control Society and YRC Periyar University)	70 Programme Officers
8	31.03.2011	One day Seminar for YRC Programme Officers (Jointly Organised by IRCS and YRC Periyar University)	40 Programme Officers
9	03.09.2011	District Level One day Seminar for YRC Programme Officers (Jointly Organised by IRCS and YRC Periyar University)	60 Programme Officers & Students
10	11.10.2011	District Level One day Seminar for YRC Programme Officers (Jointly Organised by IRCS and YRC Periyar University)	60 Programme Officers & Students
11	25.02.2012 to 29.02.2012	Inter State YRC Training –Cum- Study Camp - Odessa	1 Programme Officers & 4 Students
12	26.03.2012	Blood Donation Camp	150 Unit

2012 - 2013

S. No	Date	Programme	No. Of Participants	Venue
1	12.01.2012	One Day Zonal Level Orientation Programme(Jointly Organized by IRCS, TamilNadu Branch & YRC Periyar University)	75 Students	Salem Sowdeswari College, Salem.
2	15.02.2012	YRC Unit Inauguration (University Students)	300 Students	Periyar University Campus
3	23.02.2012 to 29.02.12 (7 days)	YRC 7 Days National Integration Camp	1 Programme Officer & 4 Students	Ravenshaw University, Cuttack City, Odisha
4	06.03.12 to 08.03.12 (3 days)	3- day Zonal Level Orientation Training Programme (Jointly Organized by IRCS, TamilNadu Branch & YRC Periyar University)	45 Programme Officers & 90 Students	Sri Vidhyaa Mandir College, Salem

5	28.04.2012	General Body Meeting IRCS Salem Branch	Zonal Coordinator & Salem District Organizer.	Collectorate
6	05.05.2012	Red Cross Day Celebration	Zonal Coordinator	IRCS, Salem Branch
7	24.05.2012, 25.005.2012	Volunteer Blood Donation Organizer Work Shop Organized by NACO	One District Organizer	Bangalore
8	20.06.2012	Three Day Residential Youth Programme	1 Programme Officer & 6 Students	Kanayakumari
9	03.07.2012	District Level YRC Programme Officer Meeting(Organized by Periyar University)	75 Programme Officers	Salem Sowdeswari College, Salem.
10	15.09.2012	One day District Level Students Study Camp	100 Students	VSA Engineering College, Salem
11	26.03.2012	Blood Donation Camp (Organized by Periyar University)	150 Units	Periyar University Campus
12	03.08.2012	Geneva Convention day Competition (Organized by Periyar University)	400 Students	Salem, Namakkal, Dharmapuri and Krishnagiri.
13	11.10.2012 to 15.10.2012	5 Day Inter State YRC Students Study Camp(Jointly Organized by IRCS, TamilNadu Branch & YRC Periyar University)	150 Students, District Organizer, Other State Coordinators	Periyar University Campus
14	14.10.2012	Environment Awareness Rally (Jointly Organized by IRCS, TamilNadu Branch & YRC Periyar University)	150 Students, District Organizer, Other State Coordinators	Yercurd Hills
15	21.01.2013 to 22.01.2013	Art and Cultural Programme (Organized by Periyar University)	300 Students	Periyar University Campus
16	28.01.2013	One day District Level Students Study Camp	100 Students	Don Bosco College of Arts & Science, Dharmapuri
17	04.02.2013	One day District Level Students Study Camp	100 Students	Govt. Arts College, Krishnagiri
18	08.02.2013	One day District Level Students Study Camp	100 Students	Thiruvalluar Govt. Arts College, Rasipuram
19	15.02.2013	Blood Donation Camp & YRC Day Celebration (Organized by Periyar University)	150 Students	Periyar University Campus
20	26.02.2013, 27. 02.2013	One Day First Aid & Disaster Management (Jointly Organized by IRCS, TamilNadu Branch & YRC Periyar University)	300 Students	Salem Sowdeswari College, Salem.

2013 - 2014

S. No	Date	Programme	No. Of Participants	Venue
1	02.09.2013	Blood Donation Camp	60 Units	Periyar University
2	14.02.2014	Blood Donation Camp (Chief Minister Birthday)	45 Units	Vysya College
3	10.02.2014 to 11.02.2014	First Aid Training Programme Two Days	75 Programme Officers and Volunteers	Periyar University
4	10.02.2014	Seminar for YRC Programme Officers	60 Programme Officers	Periyar University
5	10.10.2013	District Level YRC Students Study Camp for YRC Volunteers	75 Volunteers	Salem Sowdeswari College, Salem
6	12.02.2014	District Level YRC Students Study Camp for YRC Volunteers	60 Volunteers	A.A. Govt. Arts College Namakkal
7	20.03.2014	District Level YRC Students Study Camp for YRC Volunteers	45 Volunteers	Jai Shree Venkatesh College, Dharmapuri
8	16.02.2014	District Level YRC Students Study Camp for YRC Volunteers	43 Volunteers	Govt. Arts College, Krishnagiri
9	28.02.2014 to 03.03.2014	4 days State Level YRC Study Camp for Programme Officer and Volunteers	133 Programme Officers and Volunteers	Periyar University
10	11.03.2014 to 12.03.2014	Two day First Aid Training Programme	201 Volunteers	Jairam Arts & Science College, Salem
11	13.03.2014 to 14.03.2014	Two day First Aid Training Programme	467 Volunteers	Vysya College, Salem.
12	28.03.2014	Geneva Convention Day	52 Volunteers	Salem Sowdeswari College, Salem.
13	14.10.2014	One day Zonal Level Seminar for Programme Officers	66 Volunteers	Balamurugan College of Arts and Science, Mechery, Salem

ii.   Does the University conduct special drives / campaigns for students to promote heritage consciousness?

Yes, The Department of Geology has created Geological Museum which exhibits 50 million years old rare fossils collected from Ariyalur, Tamil Nadu to promote heritage consciousness among geologists and students of Periyar University.

The mineral resources in Salem District are exhibited to all school students by the department of Geology during Tamil Nadu Science Exhibition organized by the University from 26.10.2009 to 27.10.2009.

The art and culture centre has organized work shop on Traditional Folk Arts on 21.01.2013 to 22.01.2013 and Art and Cultural Heritage on 05.09.2013 to preserve the historic dances of southern region of India (Karrakattam, Ozhillattam, Mahaillattam, Puliattam, Gummiattam,Naiyandy, Mellam, Thappattam, Nattuppuara Padal, Bommallatam, Phoeikkalkudhirai, Sillambattam, Kollattam, Kavadiattam, and Orranga Naadagam)

iii.   How does the University involve and encourage its students to publish   materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the last four academic sessions.

Yes. The University publishes WISDOM, an official quarterly Newsletter of Periyar University, since 2011. It gives wide coverage to both academic and research activities of the University. Besides, magazines like **Aboriginal** by the Department of Commerce and **MIRROR** by the Department of Journalism and Mass Communication are also published to highlight the contributions by students and research scholars. These magazines give avenue to their creative writing and research articles.

Journals Published by the Departments

- International journal of computational intelligence and informatics (ISSN 2231-0258 by the Department of Computer Science
- Journal of Current perspectives in Applied Microbiology (ISSN 2278-1250) by the Department of Microbiology)
- Chemical Research letters (Bi-annual Journal) (ISSN 2319-6246) by the Department of Chemistry
- Periyar University Journal of Psychology (An International Journal) by the Department of Psychology (ISSN 2319-9601)

5.3.5. Does the University have a Student Council or any other similar body? Give details on its constitution, activities and funding.

No. Career Guidance and Placement Cell, Women's Studies Centre, Anti Ragging Committee, Women's Welfare Centre, Anti Sexual Harassment Cell, Legal Aid Club and Students Grievance Redress cell are consistently helping the students to make their representations so that the issues are sorted out. Further Student representatives are empowered to carry grievances to higher authorities.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them. Also provide details of their activities.

Students have representations in all academic bodies.

- Students' views and comments are given significant weightage in curriculum revision.
- Examination patterns are reviewed carefully by the departments after getting feedback from students.
- Student representatives are assigned important tasks during the University convocations and others major programmes organized by the University.
- Hostels (Men & Women) are run by students committees.
- Student representation in BOS, as Alumni.
- Student representation in Grievance Redress cell, Anti-ragging Committee, Anti Sexual Harassment Cell, Gender Sensitization Committee, Alumni Association.
- E-mail entry to all students.
- Editorial Board Members in Magazines.

CRITERION VI:
GOVERNANCE, LEADERSHIP AND MANAGEMENT

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

The Periyar University is blessed with a dynamic, committed and vibrant leadership with a broad vision and definite goals to achieve. The organization of our University is a well-knit structure leading to a polymer bond of 'high stability'. The adoption of recent management techniques and modern technology led to the efficient functioning of the University at all Levels in the right direction. Various steps have been taken to ensure quality in its various academic and administrative sub-units with participative management and effective leadership which has driven the institution towards its present phenomenal growth and development. Moreover quality checks in the form of staff appraisal, academic audit, and statutory audit further enhance and sustain all quality measures taken on the campus.

6.1 Institutional Vision and Leadership

6.1.1 State the vision and the mission of the University.

Vision : The vision of the University is to impart knowledge to the society through formal and informal modes and to contribute to the nation building.

Mission : With this vision, the following missionary activities are being implemented.

- To establish teaching and research departments in the frontier areas of humanities, science and technology.
- To institute specialized research centres of excellence.
- To design courses and to train teachers pedagogically to improve academic excellence.
- To enhance academic – industry interaction to make the students employable.
- To involve in extension and outreach programme to achieve the goal of eradicating illiteracy among the people of jurisdictional area of the University.
- To evolve the Periyar University as a globally known academic and research institution.
- To inculcate values, ethics, scientific temper and environmental awareness.

Moto :" Wisdom Maketh World "

Logo:

The University aims at developing knowledge in various fields to realize the maxim inscribed in the logo "Arival Vilayum Ulagu" (Wisdom Maketh World).

6.1.2 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc.?

The mission statement of Periyar University defines the distinctive characteristics of inclusive and holistic growth of the University by serving the student community by educating them in various disciplines keeping in view of the latest trends, demands and needs

of the society and designing the courses and curricula imbibing the tradition of the nation, human values, social welfare, and professional ethics. The University embarks extensively on quality teaching, research and extension programmes. The University aims to ensure character-building and value oriented attitude to mould the students with qualities of head and heart for serving the nation.

6.1.3   How is the leadership involved?
a) In ensuring the organization's management system development, implementation and continuous improvement?

The leadership is actively involved in the realization of the target oriented policies and programmes in higher education to meet out the vision and mission of the University. The Vice-Chancellor, the chief executive authority, along with the Syndicate, Senate, Standing Committee of Academic Affairs and Finance Committee is entrusted with the task of developing, implementing and improving participatory and decentralized management systems focused on inclusive, innovative and expansive higher education and organize national and international level programmes to generate new ideas and disseminate knowledge.

Innovative teaching methods, restructuring and introducing new courses in the emerging areas of knowledge, encouraging publication, organizing inter collegiate programmes, computerization of administration etc., are the measures taken by the leadership for the enhancement of quality for continuous improvement. The University Planning Board plans for the overall institutional development. The IQAC, Board of Studies and Curriculum Development Cell take actions under the leadership of the Vice-Chancellor to facilitate and accelerate improvement. Further, the College Development Council (CDC) caters to the developmental needs of the affiliated colleges. All the University Departments and affiliated colleges are encouraged to achieve horizontal and vertical mobility in Higher Education.

b) In interacting with its stakeholders?

The prime academic bodies like the Syndicate, the Senate and the Standing Committee of Academic Affairs have adequate representation from the divergent set of stakeholders namely University faculty, Principals and College teachers of affiliated colleges, academic administrators as well as eminent personalities of society. This culture of participative management perfectly enables to interact with all stakeholders to identify and promote the organizational needs of the University. The composition of Syndicate, Senate and Standing Committee of Academic Affairs is displayed in the following figures.

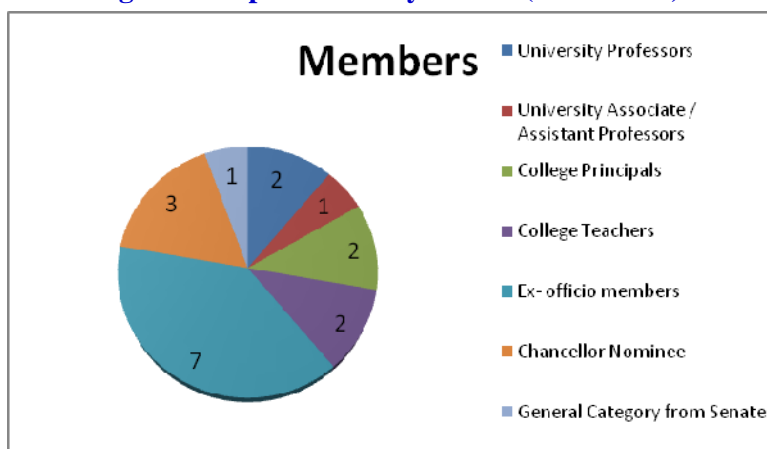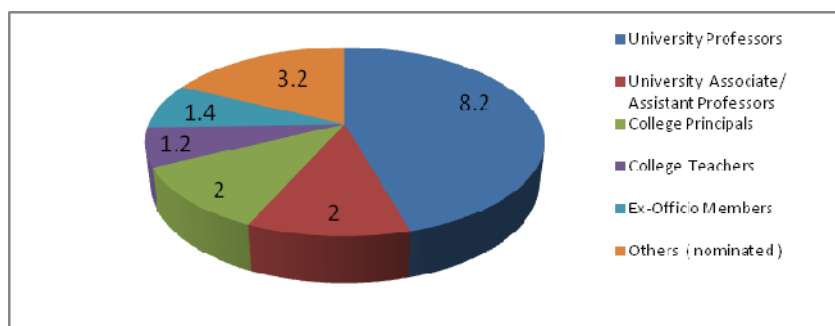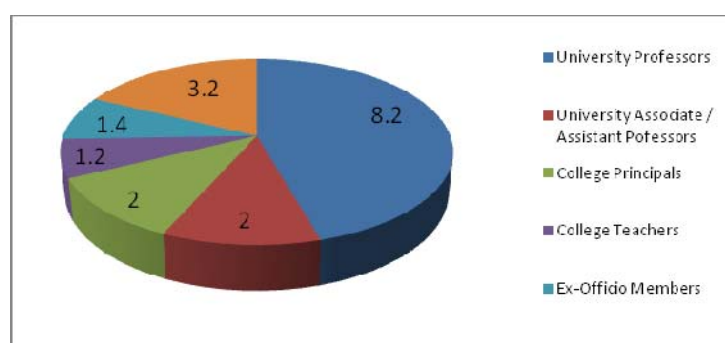**Fig 6.1 Composition of Syndicate (2010-2014)**

Fig 6.2 Composition of Senate (2010-2014)

Fig 6.3 Composition of Standing Committee on Academic Affairs (2010-2014)

c) In reinforcing a culture of excellence?

The leadership in terms of academic and administrative initiatives is a strong motivation and initiating factor towards inculcation and promotion of a culture of excellence and proficiency in quality.

d) In identifying organizational needs and striving to fulfill them?

The organizational needs in terms of academic and administrative aspects like intellectual and physical infrastructures are identified through the vision and mission of the University, higher educational policies and various programmes of the UGC, Central and State Governments. Departments are provided with internet facilities to enrich teaching - learning activities. Green campus initiatives, Wi-Fi campus, adequate teaching and non-teaching staff, campus development activities, placement cell programmes etc. are duly carried out to fulfill the needs of the institutional growth and development.

6.1.4   Were any of the top leadership positions of the university vacant for more than a year? If so, state the reasons.

The University takes timely steps to ensure that top leadership positions are not kept vacant. All positions in various statutory bodies are filled including conducting elections for the posts that fall vacant under earmarked categories in the academic bodies. The functioning of these bodies has always adhered to the established democratic norms.

6.1.5   Does the University ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?

The Vacancies of the various statutory bodies like Senate, Syndicate and Standing Committee of Academic Affairs are filled as per the Periyar University Act and statutes. The statutory bodies meet as per the statutes regularly to take decisions and implement the resolutions in line with the goals of the University.

6.1.6   Does the University promote a culture of participative management? If yes, indicate the levels of participative management.

The University promotes the culture of participative and democratic management by involving faculty in various academic, research and administrative committees. Among the important Committees are Syndicate Sub Committees (Establishment Committee, Building Committee, Affiliation Committee, PRIDE Committee, Accounts Committee, Purchase Committee (General), Purchase Committee (Hostel Affairs), Disciplinary Committee, Examination , Examinations Committee, Teaching Committee, College Development Committee, Library Committee, Sports Committee and Finance Committee), Discipline Committee, Research and Development Committee, Internal Quality Assurance Cell, Grievance Redress Cell, Academic Development Cell , Entrepreneurship Development Cell, MoU and Copy Right, Remedial Coaching, Equal Opportunity Cell, Anti-ragging committee, the Public-Private Partnership (PPP) programmes, Women's Studies Centre and Women's Welfare Centre, Faculty at all levels are given due representation in various committees constituted to ensure participatory management. Students are also representing both in academic and administrative bodies to get their opinions registered at the grass-root level.

6.1.7   Give details of the academic and administrative leadership provided by the University to its affiliated colleges and the support and encouragement given to them to become autonomous.

The University has under its fold 86 affiliated colleges of which as many as 64 are self-financing, 13 are government colleges 4 are aided colleges, 5 are constituent colleges and one PG Extension Centre. Among them 5 colleges enjoy autonomous status (Govt-1, Aided-1, Self-financing-3). The Curriculum Development Cell of Periyar University provides all assistance to affiliated colleges in getting grants from UGC and other funding agencies. The University facilitates colleges to get autonomous status as and when the colleges meet the criteria laid down by the UGC and they have to apply to the University Grants Commission through University. As a knowledge management strategy, the university provides its representatives to the academic bodies of the autonomous colleges. This promotes introduction of new programmes and innovations in curriculum, conduct of examination and maintenance of standards.

6.1.8   Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?

No

6.1.9   How does the University groom leadership at various levels? Give details.

The University promotes the culture of participative and democratic management by involving faculty at its gross roots level is evidenced from adequate representations given to teachers. Representation is given to teachers and students to promote participatory management. This has established the fact that the University firmly grooms leadership from the top to the bottom. The University adopts the following measures also

- By delegating and decentralizing academic works
- By appointing the talented faculty as coordinators of various committees / cells leadership is groomed through decentralization.
- By giving due representation to students in decision-making.
- By constituting awards for best performers

6.1.10 Has the University evolved a knowledge management strategy? If yes, give details.

Yes, the University deals with realization of organizational objectives such as improved performance, competitive advantage, innovation, sharing of lessons learnt integration and continuous improvement of the organization, knowledge generation, and knowledge transfer. Knowledge users are the key elements in the knowledge management. The Internal Quality Assurance Cell is the primary agency which takes care of quality and productivity components. The knowledge management strategy of the University ensures that academic decisions of its twenty three university departments are taken collectively by the faculty team and subsequently approved jointly by the department concerned. This strategy helps in grooming leadership among the faculty. The most significant knowledge management strategy is evident from patent and MoUs with foreign and Indian Universities and also with Industry / Service organizations towards national development and inculcating value system among students. Latest trends, best practices, innovative techniques in the respective field is pooled in the evolution of knowledge management strategy by organizing inter-department meetings or programmes such as BIOS-PARK (Bio Technology, Microbiology and Environment Science) under the aegis of IQAC.

6.1.11 How the following values are reflected the functioning of the university?
a. Contributing to national development
b. Fostering global competencies among students
c. Inculcating a sound value system among students
d. Promoting use of technology
e. Quest for excellence

a. Contributing to National Development

The vision of the University is to encompass national development, fostering global competencies in students; embracing technology with excellence in all its endeavors is evident in every sphere of its functioning. The University is very sensitive to satisfy the educational requirements of the people as the University basically caters to rural belts of students most of whom are living in abject poverty. In order to meet this objective the University under the guidance of Government of Tamil Nadu has established constituent colleges in remote areas. The generosity of the University is reflected in the low fees structure meant for the economically weak students to all the courses.

To ensure natural justice in thought, word and deed, the University has ventured into the task of training aspirants in SC/ST and other minorities for competitive examinations.

In recognizing university's goal of national development, the UGC has identified the Periyar University with Potential for Excellence in diffusion of knowledge in the field of Nanosciences.

The IAS/IPS coaching programmes are successfully functioning and helping a good number of students in clearing UPSC exam and those students are serving in various state and central services. The NSS, YRC, RRC of the University and other service bodies are actively involved in taking the various awareness programmes of the government to the rural mass. The University furnishes an inclusive accessibility to disadvantaged, economically backward communities by providing a scaffold for higher education.

b. Fostering global competencies among students

Periyar University has a long tradition of innovative teaching and extension schemes geared to cater to the needs of the industries, business and society. The curriculae are updated frequently to meet the aspirations of students and help them to realize their full potential and face global challenges. Students are briefed about the current global competence in pursuing

higher education. The Career Guidance and Placement Cell looks after these affairs and conducts various training programmes by inviting eminent personalities to foster talents required to challenge global competence among students. The University imparts the following skills to students to make them employable.

- Improving communication skills through language lab.
- Developing soft skills to face global market.
- Providing internship to gain hands on experience.

c.   Inculcating a sound value system among students

Care is taken to inculcate moral and ethical values among students. Yoga, Meditation, Peace Making, Gandhian Thought and Non-Violence are some of the programmes offered to inculcate values in the minds of students. Activities towards Communal Harmony are conducted in the campus and affiliated colleges through various youth festivals / programme.

d.   Promoting use of technology

The University has promoted to advanced technology of a highly refined network facility with Web and Proxy Services to serve faculty and students. The University prepares to provide Wi-Fi facilities to entire campus. All the faculty members of the University have been provided with computers / laptops. A computer centre with internet facilities has already been provided to all faculty, research scholars and students. Individual MAC Id is given to research scholars to have access to e-resources. All the blocks are provided with computers. The language lab acts as a platform for learning and practicing language skills through interactive lessons and communicative mode of teaching.

The library of the University has been provided with Network with a large collection of e-resources available through UGC – INFONET, INFLIBNET and other subscriptions.

e.   Quest for excellence

Departments of University have formed collaborative arrangements with national and international agencies to pursue the goal of potential for excellence in all emerging areas of knowledge. The University also promotes excellence by setting quality bench-marks for each department through academic audit.

6.2   Strategy Development and Deployment

6.2.1   Does the University have a perspective plan for development? If yes, what aspects are considered in the development of policies and strategies?

- ∗ Vision and Mission
- ∗ Teaching and Learning
- ∗ Research and Development
- ∗ Community Engagement
- ∗ Human Resource Planning and Development
- ∗ Industry interaction
- ∗ Internationalisation

Yes, The University vigorously undertakes all the plans to ensure that its vision of quality in teaching and research, engagement with community and industry, human resource planning and development, industry interaction and internationalization are being realized in a phased manner. The University adopts all the policies keeping in mind its vision and mission. The innovative teaching methods, periodical updating of the curriculum, orientation for teachers and students are some of the aspects considered for the prospective development. Members of faculty are motivated to apply for projects on thrust areas. The Research and Development cell is monitoring these activities. The University encourages community

activities through community colleges. The university departments collaborate with industries and research laboratories to update and implement advancements in teaching and research. The University has taken significant efforts in promoting internationalization of the University. It has so far signed 12 Memoranda of Understandings (MoUs) with international Universities and research institutions.

The Planning Board of the University proposes and co-ordinates all the planning of the University. This board comprises the Vice- Chancellor as chair person and external experts are drawn from industry as well as from teaching and research faculty as members. The board meets annually and provides suggestions on policies and programmes for overall academic and administrative matters of the University.

The outcome of the Planning Board in the recent past are

(i)   proposal for setting up new departments in the university.

(ii)   establishment of new centres.

(iii)   preparation of the five year plan proposal of the University.

(iv)   preparing the proposal for the special programmes of the Government of Tamil Nadu, Planning Commission , UGC and so on.

(v)   coordinating the implementation of the Government of Tamil Nadu special schemes to universities.

(vi)   providing data and information relating to University for specific request from Government of Tamil Nadu and national agencies.

Planning with respect to administrative matters and governance of the University is undertaken by the Syndicate, which meets periodically to execute its responsibilities. It passes resolutions to facilitate academic and administrative decision –making to ensure that the University moves ahead in the right direction. The Vice-Chancellor, through the Registrar, oversees the implementation of the Syndicate's decisions. The Governor – Chancellor records his assent to all statutory changes for their implementation in the University.

6.2.2   Describe the University's internal organizational structure and decision making processes and their effectiveness.

Vice Chancellor is the Principal Executive Officer of the University. The Registrar, along with the administrative divisions and the respective officers, assists the Vice Chancellor in the academic and administrative management of the University. The office of the Controller looks after the examinations of the University departments and affiliated colleges. The Finance Office, which is the statutory recommending body on matters concerning the finance of the University, is responsible for preparing the University Annual Budget for the approval of the Government. All the income and expenditures of the University is maintained and monitored by this office. The Directorate of Distance education is looking after the approval of study centres and admission of students in distance education mode. Preparing and sending the study materials to the various centres across the country is the major responsibility of this office. There are 23 departments with 139 teaching faculty members and another 3 positions are to be recruited in the near future. On the administrative side, Assistant Registrars, Public Relations Officers, Section Officers, Assistant Section Officers, Assistants, Technical Staff, other categories and Class IV employees, totaling 52- regular staff, 126 – NMR, 291- Consolidated staff constitute the non-teaching staff. The University has also introduced biometric system in 2013. It is a unique and innovative system for time management and transparency in the governance of the University.

The organogram in Fig. 1 provides the decentralization flow chart of administration in the University.

Fig. 6.4 Academic Organogram

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┌─────────────────┐
│   Chancellor    │
└─────────────────┘
         ↓
┌─────────────────┐
│ Pro-Chancellor  │
└─────────────────┘
         ↓
┌─────────────────┐
│ Vice Chancellor │
└─────────────────┘
         ↓
┌─────────────────┐
│    Registrar    │
└─────────────────┘
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NAAC - Corodinator	IQAC - Corodinator	Directors - PRIMS, Physical Education	Heads of the Departments	Librarian

Co-ordinator Academic Development	**Co-ordinator** Entrepreneurship Development Cell	**Co-ordinator** MoU and Copy Right	**Co-ordinator** Village Adoption Scheme & PERIAS
Co-ordinator Remedial Coaching Centre	**Co-ordinator** Equal Opportunity Cell	**Co-ordinator** UGC NET/SET Coaching Classes	**Co-ordinator** Free Coaching (IAS/IPS) Class
Co-ordinator Central Instrumentation and Maintenance Facility	**Co-ordinator** Centre for Tamil Computing	**Co-ordinator** Centre for Biodiversity and Forest Studies	**Co-ordinator** Centre for New and Renewable Energy Studies
Co-ordinator Centre for Nanoscience & Nanotechnology	**Co-ordinator** Centre for Swami Vivekanandha Studies	**Co-ordinator** Women's Studies Centre	**Co-ordinator** Publication Division
Co-ordinator National Service Scheme	**Co-ordinator** Youth Red Cross Society	**Co-ordinator** Placement Cell	**Co-ordinator** Health Centre
	Public Relation Officer	**Co-ordinator** Women's Welfare Centre	

Fig 6.5 Administrative Organogram

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                        ┌─────────────────┐
                        │ Vice Chancellor │
                        └────────┬────────┘
                                 │
                                 ▼
                        ┌─────────────────┐────────────────────────────────┐
                        │    Registrar    │                                │
                        └────────┬────────┘                                │
                                 │                                         │
        ┌────────────────┬───────┴────────┬────────────────┐              │
        ▼                ▼                ▼                │              │
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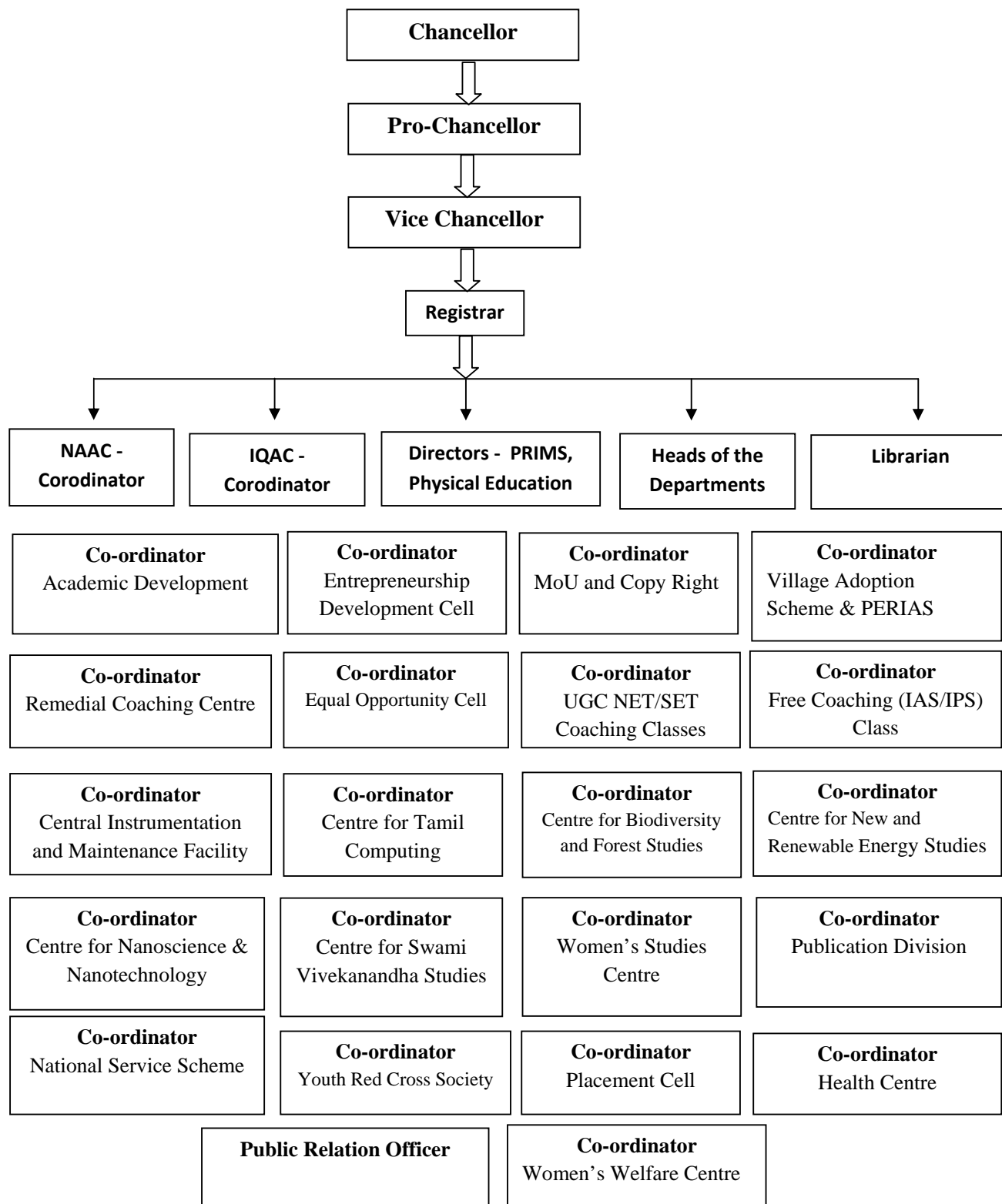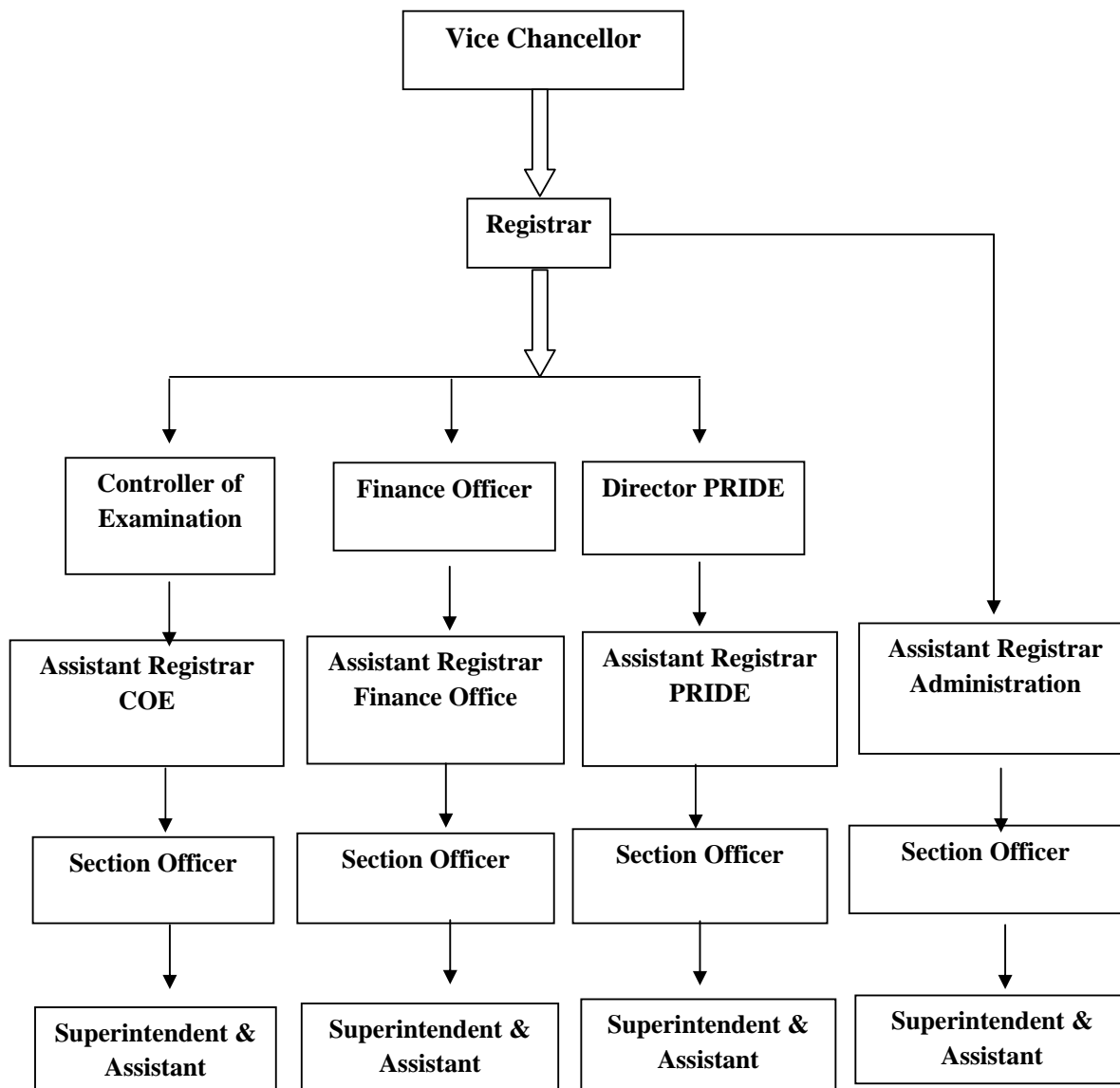| Controller of Examination	Finance Officer	Director PRIDE	Assistant Registrar Administration
Assistant Registrar COE	Assistant Registrar Finance Office	Assistant Registrar PRIDE	
Section Officer	Section Officer	Section Officer	Section Officer
Superintendent & Assistant	Superintendent & Assistant	Superintendent & Assistant	Superintendent & Assistant

6.2.3   Does the University have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?

The University has an effective internal coordination and monitoring mechanism to maintain formal policy through monthly reviews by the Vice- Chancellor with the Syndicate, and the Finance division to facilitate fast-track implementation of the approved projects of the University. The Vice-Chancellor, along with the Registrar and the appropriate officers, meets the heads of the departments and the teaching faculty of the University departments, principals of affiliated colleges periodically, at least four times in a year. While the Registrar has formal meetings with the administrative staff very frequently, the Vice Chancellor meets them formally twice a year.

The Syndicate, which is the apex decision-making body of the University, meets once in a month. The Standing Committee on Academic Affairs which oversees the academic

meets once in a year. The Senate also meets twice annually. The Finance Committee meets as frequently as required with a minimum of at least two meetings annually.

The Syndicate takes major issues concerning the amendment / changes to the Senate for approval. The University's prime policy is to ensure quality in all spheres by providing transparency in its operations by reviewing the performance through external academic audit.

- By setting quality standards through IQAC in consultation with the Vice Chancellor by setting parameters to ensure quality.
- By comparing the actual performance with the standard establishment.
- Taking remedial action whenever deviations are identified.
- Reviewing the quality policies on the basis of feedback for better performance.

6.2.4   Does the university encourage its academic departments to function independently and autonomously and how does it ensure accountability?

The University is constantly encouraging the autonomous functioning of its academic departments by expediting various academic and research programmes with all the verifying measures for their accountability. The University has set up a designated Head, who is in charge of decision-making pertaining to the academic and administrative activities. At the beginning of each financial year fund is allocated based on the approved budget of the University. This enables the departments to utilize the funds effectively for achieving stipulated goals, which are in line with the overall objectives of the University. The faculty in the departments have absolute autonomy in the designing of curriculum, conduct of examinations and evaluation. Many members of the faculty participate in the day to day administration of the university by serving as members on special committees, whose recommendations are taken up by the Syndicate for implementation. The performance of the academic departments is reviewed annually by a team headed by the Vice Chancellor. This audit provides the departments a feedback on their strengths and weaknesses and the impetus to enhance their functioning.

6.2.5   During the last four years, have there been any instances of court cases filed by and against the institute? What were the critical issues and verdicts of the courts on these issues?

Yes, there are few court cases pertaining to the teaching and non teaching appointments, transfer and promotion pending in the courts. Most of the litigations have been settled amicably.

6.2.6   How does the University ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder-relationship?

The University has a well established mechanism to address the grievances received from students, faculty, non-teaching staff and general public. The details of grievance redress relating to examination and evaluation are oriented to the students. Student grievances relating to admission, hostels etc. are addressed by a separate committee constituted by the University authorities. The University endeavors to be proactive in addressing the grievances of its various stakeholders.

Complaints can be addressed directly to the Vice Chancellor by email. The grievances are attended to in a time bound manner. The students of the University Departments and affiliated colleges come for on the spot redress of their grievances related to examination, mark statement, etc. Students Grievance Redress Meet is attended by the Vice-Chancellor, Registrar, Special Officer, Controller of Examinations, Director-DDE, Additional Controller of Examinations.

In addition, students are informed that they may utilize the Grievance Redress Cell services. The employees of the University and the public meet the officers of the University as and when needed to sort out their grievances. A complaint committee has also been constituted to deal with the sexual harassment issues.

6.2.7   Does the University have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

The IQAC obtains the feedback from students on courses for each semester. Students' feedback by means of overall rating through questionnaires serves as inputs in streamlining the functioning of the University. The feedback is also scrutinized by experts and suitable measures are suggested to the department to implement them.

6.2.8   Does the University conduct performance audit of the various Departments?

Yes, the Vice-Chancellor along with experts from other universities is conducting the academic audit of the Departments once in a year for analyzing the performance of faculty in teaching and research. The report of the academic audit is scrutinized seriously by the authorities and appropriate measures are taken to rectify the shortcomings, if any.

6.2.9   What mechanisms have been evolved by the University to identify the developmental needs of its affiliated institutions?

The University has a well-structured mechanism to look after the academic and administrative link between the affiliated colleges and the mainstream administration of the University. The University conducts annual meeting with Principals of affiliated colleges through which these institutions interact with the University. Further in the standing committee on Academic Affairs meeting, the Senate, Principals and Faculty are given ample opportunities to express their views on the developmental needs of these colleges. The University also encourages colleges to achieve quality in all aspects of their functioning by granting autonomy and guidance for NAAC Accreditation. The University introduced the "Autonomous College System" and has sanctioned autonomous status to 5 affiliated colleges.

6.2.10   Does the University have a vibrant College Development Council (CDC) / Board of College and University Development (BCUD)? If yes, detail its structure, functions and achievements.

Yes. The Planning Board at the University functions effectively to cater to the developmental need of the University and its affiliated institutions. The Planning Board resolved to grant affiliations to new courses, coordinates developmental needs of the affiliated institutions, recommend proposals to funding agencies for grant and functions as liaison between the University and institutions as well as between the UGC and the colleges.

6.3 Faculty Empowerment Strategies

6.3.1   What efforts have been made to enhance the professional development of teaching and non-teaching staff?

The University has taken concerted efforts to enhance the professional development of teaching and non-teaching staff. The aim of the University is to make the faculty internationally competent. Faculty is urged to undergo mandatory Orientation and Refresher courses through the Academic Staff College. Various departments organize Seminars / Conferences / Workshops at national / international levels. Teachers are given permission to participate in programmes in India and abroad. They are encouraged to apply for research projects and permitted to operate the research grants. To step up their performance every year Best Teacher Awards are given. Library and internet facilities are available for their academic enrichment. Faculty are also empowered through membership in various academic and administrative committees. The administrative staff are given computer training regularly. In addition, the University has been conducting   training programme to orient administrative

staff in public relations, administrative procedure, office rules and regulations maintenance of accounts, accountability, finance code and discipline and university act and statutes.

6.3.2   What is the outcome of the review of various appraisal methods used by the University? List the important decisions.

The teaching ability of the faculty are evaluated by getting feedback from students and appraised by the Internal Quality Assurance Cell (IQAC). The IQAC's recommendation helps for faculty promotion, career advancement and to identify the strength and weakness of the teaching faculty. Their performance is also periodically evaluated by a panel committee under the Career Advancement Scheme. The self-appraisal method of faculty performance and external academic audit are adopted by the University to review the performance. Based on the academic audit's report, the University has resolved to fill-up teaching and administrative vacancies in the departments and sections. Based on students' feedback, the curricula are updated periodically.

6.3.3   What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have benefitted from these schemes in the last four years? Give details.

The University provides a host of welfare schemes for both the teaching and non-teaching staff. The University provides Star Health Insurance Scheme for teaching and non-teaching staff. Reimbursement of school fees for children of nonteaching staff is another welfare scheme. Transport facility and quarters for teaching and non-teaching staff are available. Further, welfare schemes like General Provident Fund, Festival Advance, Marriage Loan, admission to the wards of the employees in various courses, and Thrift society are provided to benefit all the eligible sections of the staff.

6.3.4   What are the measures taken by the University for attracting and retaining eminent faculty?

The eminent faculty are duly rewarded by recognizing their services. Additional infrastructure facilities are provided to develop laboratory/research facility. The University employs the following measures to retain eminent faculty

- By giving full academic and financial autonomy to the principal Investigators of research projects.
- By granting fifteen days special leave for research pursuit.
- By granting One year sabbatical leave to Professors for pursuing research.
- By giving the Best Teacher Award for the best performer.
- By encouraging faculty to serve in various academic and administrative committees in and outside the University.
- By encouraging to pursue research in foreign laboratories.
- By motivating faculty to apply and get Award from various Government agencies.
- By offering important positions to eminent faculty.

Due to these infrastructure facilities, welfare measures; and opportunity for professional development, the university is able to attract eminent faculty from across the continents.

6.3.5   Has the University conducted a gender audit during the last four years? If yes, mention a few salient findings.

Since the University caters the rural students it is very particular to strike a well coordinated balance in gender composition. The women representation in the teaching and non- teaching category is a healthy 29% and 15% respectively. The University has organized gender sensitization programmes and due care has been taken to avert untoward incidents.

The University has not received any single complaint on sexual harassment in the last four years.

Man power assessment committee has brought out the distribution of Male and Female faculty strength:

Table 6.1 Gender-wise distribution of teaching and non-teaching staff

S. No.	Teaching		Non Teaching		Consolidated Staff		NMR	
	Male	Female	Male	Female	Male	Female	Male	Female
1	99	40	44	8	161	130	69	57
Total	139		52		291		126	

Table 6.2 Gender composition of Ph.D. research scholars

S.No.	Year	Male	Female
1	**2010-2014**	234	162

6.3.6   Does the University conduct any gender sensitization programmes for its faculty?

Yes, the Women's Studies Centre and Women Welfare Center conduct programmes for gender sensitisation. They have organized many workshops, a series of Special Lectures and Advocacy Programmes on issues related to women empowerment.

6.3.7   What is the impact of the University's Academic Staff College Programmes in enhancing the competencies of the University faculty?
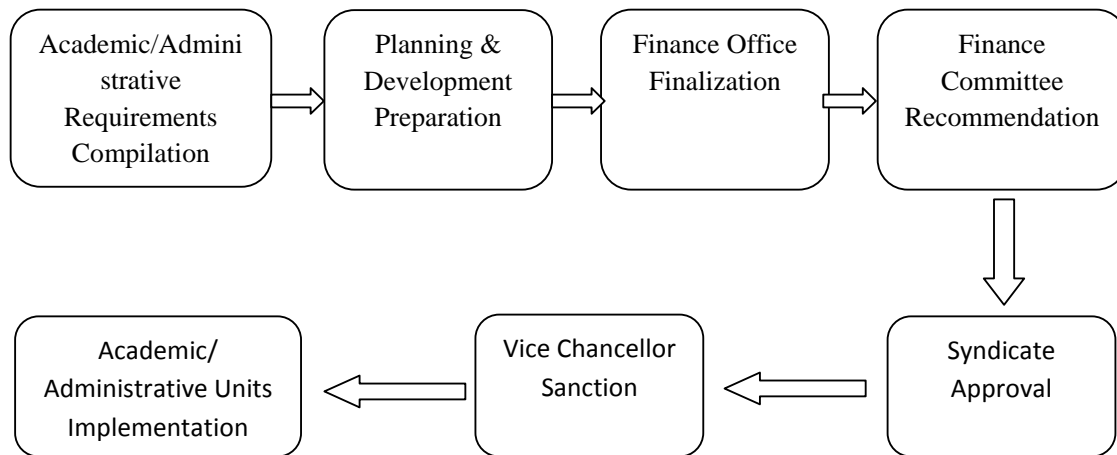
Periyar University has no academic staff college. However members of faculty are encouraged to attend the courses of academic staff colleges of other Universities to refresh and update themselves in recent developments in their discipline and in general.

6.4   Financial Management and Resource Mobilization

6.4.1   What is the institutional mechanism available to monitor the effective and efficient use of financial resources?

The University has an efficient budgeting mechanism to monitor the effective and efficient use of financial resources. Keeping its objectives in the frontier the University prepares a compiled budgetary draft which is formulated based on the requirements of the academic departments with the recommendation of the Finance Committee. Thereafter the draft budget is placed before the Syndicate for approval. Finally, the administration of the budget is taken care of by the Vice Chancellor and Registrar with specified financial powers for the Vice Chancellor, Registrar, and the Finance Officer etc .

The University mobilizes the resources through non-plan receipts by students fees and block grant support from State government, planned grants from national and international funding agencies, research project grants generated by the faculty from funding agencies, endowments, and income from the Periyar Institute of Distance Education. Finance office monitors the income and expenditure of the University. All the budgetary allocation is placed before the finance committee, a statutory body as per the Act. The University income and expenditures are audited every financial year by the local fund audit and AG audit. The unacceptable expenditures if any are objected by these audits and they are recovered from the concerned officers/Departments.

Fig.6.6 Budgeting Cycle

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┌──────────────┐    ┌──────────────┐    ┌──────────────┐    ┌──────────────┐
│ Academic/Admini│   │  Planning &  │    │ Finance Office│   │   Finance    │
│   strative    │→  │ Development  │ →  │ Finalization │ →  │  Committee   │
│ Requirements  │    │ Preparation  │    │              │    │Recommendation│
│  Compilation  │    │              │    │              │    │              │
└──────────────┘    └──────────────┘    └──────────────┘    └──────────────┘
                                                                    │
                                                                    ↓
┌──────────────┐    ┌──────────────┐                         ┌──────────────┐
│  Academic/    │   │Vice Chancellor│                        │  Syndicate   │
│Administrative Units│ ← │  Sanction  │  ←                   │   Approval   │
│Implementation │    │              │                         │              │
└──────────────┘    └──────────────┘                         └──────────────┘
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6.4.2   Does the University have a mechanism for internal and external audit? Give details.

To ensure accountability of financial transactions, the University's budget is submitted to scrutiny by internal and external audits. The finance section of the University does the internal audit of all the expenditures made by the various sections of the University and academic Departments. Every year the members of faculty carry out the annual stock verification. The local fund audit (State Government) and the A.G audit (Central Government) scrutinize the University financial aspects of the university every year. The main scope of this internal audit is to find out the defects and rectify them at the earlier stage and to set the guidance to follow in future.

6.4.3   Have the accounts been audited regularly? What were the audit objections, if any, and how were they complied with?

Yes, the accounts have been audited regularly. The audit objections are suitably replied by the authorities and efforts are taken to drop the audit objections. There are certain objections which cannot be dropped and for that the University has taken efforts to recover from the concerned officers/sections/departments.

6.4.4   Provide the audited income and expenditure statement of academic and administrative activities of the last four years

Table 6.3   FINANCIAL STATEMENTS 2010- 2014

PERIYAR UNIVERSITY
Consolidated Statement of all Accounts for the Year – 2010 - 2011

Sl. No.	Head of Account	A/c. Nos.	Opening Balance as on 01.04.2010	Receipts	Total	Expenditure	Closing Balance as on 31.03.2011
1	General Account	1	20,168,980.53	326,889,533.75	347,058,514.28	311,050,020.10	36,008,494.18
2	Building Fund Account	2	7,215.90	257.00	7,472.90	–	7,472.90
3	U.P.F. Account	3	6,552,019.00	5,695,374.00	12,247,393.00	2,527,047.00	9,720,346.00
4	S.P.F. Account	4	319,860.00	99,448.00	419,308.00	–	419,308.00
5	F.B.F Account	5	76,260.00	55,573.00	131,833.00	–	131,833.00
6	Endowment Account	24	1,953,026.65	16,584,217.65	18,537,244.30	14,894,866.00	3,642,378.30
7	Examination Account	33	24,504,696.10	485,328,834.91	509,833,531.01	432,107,334.00	77,726,197.01
8	Fee Fund Account	34	5,798,316.00	80,329,860.00	86,128,176.00	84,561,178.00	1,566,998.00
9	Thanthai Periyar Chair	639	48,765.75	2,260.75	51,026.50	–	51,026.50
10	PRIDE Account	752	7,328,543.63	180,971,288.94	188,299,832.57	171,489,710.80	16,810,121.77
11	Contributory Pension Scheme	1525	5,794,179.00	9,338,491.00	15,132,670.00	12,500,272.00	2,632,398.00
12	UGC Plan Grant	1569	14,314,560.00	65,578,212.00	79,892,772.00	77,452,070.00	2,440,702.00
13	PRIMS Building A/c.	1589	149,413.00	5,302.00	154,715.00	–	154,715.00
14	Project Account	1640	3,821,455.70	42,684,529.50	46,505,985.20	42,006,735.86	4,499,249.34
15	Kalaingnar Account	1741	188,657.00	134,401.00	323,058.00	166,785.00	156,273.00
16	Pension Fund A/c.	Treasury A/c	1,965,105.00	6,595,783.00	8,560,888.00	5,610,811.00	2,950,077.00
17	Project Account II	1892	64,085.00	2,443.00	66,528.00	8,145.00	58,383.00
18	Science Tamil Mandram	2015	113,825.00	236,939.00	350,764.00	256,261.00	94,503.00
19	Project Part III	17795	32,570.00	47,143.00	79,713.00	49,725.00	29,988.00
20	Self Finance Course - Computer Science	2452	–	418,969.00	418,969.00	–	418,969.00
	Total		9,32,01,533.26	122,09,98,860.50	131,42,00,393.76	115,46,80,960.76	159,519,433.00
	Less Abatement of Charges			52,71,76,211.06		52,71,76,211.06	
				69,38,22,649.44		62,75,04,749.70	

FINANCE OFFICER
PERIYAR UNIVERSIT
SALEM-636 011.
V. S......
16/10/14

PERIYAR UNIVERSITY
Statement of Account for the year 2011 - 2012

Sl. No.	Head of Account	A/c. Nos.	Opening Balance as on 01.04.2011	Receipts	Total	Expenditure	Closing Balance as on 31.03.2012
1	General Account	1	36,008,494.18	382,365,211.96	418,373,706.14	374,187,178.42	44,186,527.72
2	Building Fund Account	2	7,472.90	292.00	7,764.90	6,600.00	1,164.90
3	U.P.F. Account	3	9,720,346.00	7,064,409.00	16,784,755.00	2,757,140.00	14,027,615.00
4	S.P.F. Account	4	419,308.00	100,898.00	520,206.00	502,000.00	18,206.00
5	F.B.F Account	5	131,833.00	55,350.00	187,183.00	178,000.00	9,183.00
6	Endowment Account	24	3,642,378.30	6,198,681.25	9,841,059.55	5,780,762.00	4,060,297.55
7	Examination Account	33	77,726,197.01	532,518,365.34	610,244,562.35	570,836,082.00	39,408,480.35
8	Fee Fund Account	34	1,566,998.00	78,703,883.00	80,270,881.00	71,988,170.00	8,282,711.00
9	Thanthai Periyar Chair	639	51,026.50	6,139.00	57,165.50	55,000.00	2,165.50
10	PRIDE Account	752	16,810,121.77	199,228,512.00	216,038,633.77	206,297,226.00	9,741,407.77
11	Contributory Pension Scheme	1525	2,632,398.00	13,341,962.00	15,974,360.00	15,145,074.00	829,286.00
12	UGC Plan A/c	1569	2,440,702.00	78,392,927.00	80,833,629.00	70,479,104.00	10,354,525.00
13	PRIMS Building A/c.	1589	154,715.00	6,054.00	160,769.00	156,000.00	4,769.00
14	Project Account	1640	4,499,249.34	41,217,096.32	45,716,345.66	40,009,559.38	5,706,786.28
15	Kalaingnar Account	1741	156,273.00	48,888.00	205,161.00	8,180.00	196,981.00
16	Pension Fund A/c.	Treasury A/c	2,950,077.00	7,706,080.00	10,656,157.00	8,240,415.00	2,415,742.00
17	Project Account II	1892	58,383.00	2,139.00	60,522.00	23,326.00	37,196.00
18	Science Tamil Mandram	2015	94,503.00	11,694.00	106,197.00	8,180.00	98,017.00
19	Project Part III	17795	29,988.00	50,272.00	80,260.00	11,475.00	68,785.00
20	Self Finance Course - Computer Science	2452	418,969.00	2,536,165.00	2,955,134.00	481,446.00	2,473,688.00
21	Pension Part II	2565	–	1,815,971.00	1,815,971.00	1,630,903.00	185,068.00
22	UGC SAP Grant	2564	–	3,255,114.00	3,255,114.00	527,144.00	2,727,970.00
23	NANO SCIENCE	2609	–	1,072,827.00	1,072,827.00	–	1,072,827.00
	Total.Rs.		159,519,433.00	135,56,98,930.87	151,52,18,363.87	136,93,08,964.80	145,909,399.07
	Less Abatement of Charges			57,65,95,732.95		57,65,95,732.95	
	Net			77,91,03,197.92		79,27,13,231.85	

FINANCE OFFICER
PERIYAR UNIVERSITY
SALEM-636 011.
V. S......
16/10/14

PERIYAR UNIVERSITY
Statement of Account for the period from April - 2012 to March- 2013

Sl. No.	Head of Account	A/c. Nos.	Opening Balance as on 01.04.2012	Receipts	Total	Expenditure	Closing Balance as on 31.03.2013
1	General Account	1	44,186,527.72	606,852,419.67	651,038,947.39	588,159,999.12	62,878,948.27
2	Building Fund Account	2	1,164.90	344,061.00	345,225.90	344,002.00	1,223.90
3	U.P.F. Account	3	14,027,615.00	11,091,824.00	25,119,439.00	7,970,130.00	17,149,309.00
4	S.P.F. Account	4	18,206.00	643,587.00	661,793.00	555,461.00	106,332.00
5	F.B.F Account	5	9,183.00	248,336.00	257,519.00	196,275.00	61,244.00
6	Endowment Account	24	4,060,297.55	15,555,332.75	19,615,630.30	19,081,552.00	534,078.30
7	Examination Account	33	39,408,480.35	1,140,989,599.00	1,180,398,079.35	1,168,583,478.24	11,814,601.11
8	Fee Fund Account	34	8,282,711.00	181,522,629.70	189,805,340.70	187,389,499.00	2,415,841.70
9	Thanthai Periyar Chair	639	2,165.50	118,085.20	120,250.70	110,267.00	9,983.70
10	PRIDE Account	752	9,741,407.77	458,884,052.50	468,625,460.27	459,058,469.00	9,566,991.27
11	Contributory Pension Scheme	1525	829,286.00	39,654,654.00	40,483,940.00	40,318,027.00	165,913.00
12	UGC Plan Grant	1569	10,354,525.00	109,331,907.00	119,686,432.00	119,281,395.00	405,037.00
13	PRIMS Building A/c.	1589	4,769.00	171,411.00	176,180.00	170,938.00	5,242.00
14	Project Account	1640	5,706,786.28	57,754,976.00	63,461,762.28	60,450,079.00	3,011,683.28
15	Kalaingnar Account	1741	196,981.00	25,245.00	222,226.00	2,000.00	220,226.00
16	Pension Fund A/c.	Treasury A/c.	2,415,742.00	29,978,792.00	32,394,534.00	31,276,588.00	1,117,946.00
17	Project Account II	1892	37,196.00	158,131.00	195,327.00	107,275.00	88,052.00
18	Science Tamil Mandram	2015	98,017.00	18,969.00	116,986.00	15,000.00	101,986.00
19	Project Part III	17795	68,785.00	56,275.00	125,060.00	-	125,060.00
20	Self Finance Course - Computer Science	2452	2,473,688.00	3,915,962.00	6,389,650.00	4,929,648.00	1,460,002.00
21	Pension Part II	2565	185,068.00	3,087,579.00	3,272,647.00	3,023,386.00	249,261.00
22	UGC SAP Grant	2564	2,727,970.00	768,141.00	3,496,111.00	1,031,906.00	2,464,205.00
23	NANO SCIENCE	2609	1,072,827.00	57,388.00	1,130,215.00	33,977.00	1,096,238.00
24	Nagammai Guest House	3048	-	97,609.00	97,609.00	-	97,609.00
25	CIMF	3045	-	2,708.00	2,708.00	-	2,708.00
26	Over Head Charges	3126	-	5,662,695.00	5,662,695.00	5,551,513.00	111,182.00
27	MBA Self Finance Course	3129	-	423,242.00	423,242.00	238,700.00	184,542.00
28	UGC XII th plan	3158	-	15,510,863.00	15,510,863.00	13,429,200.00	2,081,663.00
	Total Rs.		145,909,399.07	2,682,926,473.82	2,828,835,872.89	2,711,308,764.36	117,527,108.53
	Less Abatement of Charges			1,699,555,868.60		1,699,555,868.60	
	Net			983,370,605.22		1,011,752,895.76	

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PERIYAR UNIVERSITY
Statement of Account for the period from April - 2013 to March- 2014

Sl. No.	Head of Account	A/c. Nos.	Opening Balance as on 01.04.2013	Receipts	Total	Expenditure	Closing Balance as on 31.03.2014
1	General Account	1	62,878,948.27	709,547,942.05	772,426,890.32	766,455,761.00	5,971,129.32
2	Building Fund Account	2	1,223.90	378,121.00	379,344.90	378,072.00	1,272.90
3	U.P.F. Account	3	17,149,309.00	10,091,849.00	27,241,158.00	7,075,507.00	20,165,651.00
4	S.P.F. Account	4	106,332.00	682,044.00	788,376.00	598,339.00	190,037.00
5	F.B.F Account	5	61,244.00	266,982.00	328,226.00	283,160.00	45,066.00
6	Endowment Account	24	534,078.30	26,895,004.35	27,429,082.65	26,292,254.00	1,136,828.65
7	Examination Account	33	11,814,601.11	1,286,191,881.50	1,298,006,482.61	1,297,006,657.00	999,825.61
8	Fee Fund Account	34	2,415,841.70	222,662,485.00	225,078,326.70	220,464,763.00	4,613,563.70
9	Thanthai Periyar Chair	639	9,983.70	65,951.00	75,934.70	65,555.00	10,379.70
10	PRIDE Account	752	9,566,991.27	452,711,858.13	462,278,849.40	460,147,531.13	2,131,318.27
11	Contributory Pension Scheme	1525	165,913.00	44,860,032.00	45,025,945.00	44,688,051.00	337,894.00
12	UGC Plan Grant	1569	405,037.00	99,724,658.00	100,129,695.00	99,641,375.00	488,320.00
13	PRIMS Building A/c.	1589	5,242.00	186,149.00	191,391.00	185,937.00	5,454.00
14	Project Account	1640	3,011,683.28	55,614,491.00	58,626,174.28	57,109,250.00	1,516,924.28
15	Kalaingnar Account	1741	220,226.00	97,847.00	318,073.00	204,575.00	113,498.00
16	Pension Fund A/c.	Treasury A/c.	1,117,946.00	69,496,993.00	70,614,939.00	70,118,813.00	496,126.00
17	Project Account II	1892	88,052.00	2,329.00	90,381.00	69,568.00	20,813.00
18	Science Tamil Mandram	2015	101,986.00	289,403.00	391,389.00	282,947.00	108,442.00
19	Project Part III	17795	125,060.00	59,139.00	184,199.00	-	184,199.00
20	Self Finance Course - Computer Science	2452	1,460,002.00	8,708,785.00	10,168,787.00	9,809,166.00	359,621.00
21	UGC SAP Grant	2564	2,464,205.00	122,921.00	2,587,126.00	2,254,326.00	332,800.00
22	Pension Part II	2565	249,261.00	3,402,570.00	3,651,831.00	3,594,141.00	57,690.00
23	NANO SCIENCE	2609	1,096,238.00	47,578.00	1,143,816.00	136,698.00	1,007,118.00
24	CIMF	3045	2,708.00	13,493.00	16,201.00	-	16,201.00
25	Nagammai Guest House	3048	97,609.00	122,161.00	219,770.00	39,963.00	179,807.00
26	Over Head Charges	3126	111,182.00	20,877.00	132,059.00	-	132,059.00
27	MBA Self Finance Course	3129	184,542.00	106,018.00	290,560.00	289,279.00	1,281.00
28	UGC XII th plan	3158	2,081,663.00	40,613,860.00	42,695,523.00	40,254,648.00	2,440,875.00
	Total Rs.		117,527,108.53	3,032,983,422.03	3,150,510,530.56	3,107,446,336.13	43,064,194.43
	Less Abatement of Charges			1,964,269,614.33		1,964,269,614.33	
	Net			1,068,713,807.70		1,143,176,721.80	

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6.4.5.   Narrate the efforts taken by the University for resource mobilization.

Efforts have been taken to mobilize resources through Research Projects, UGC Special Assistance Programmes, UGC- plan grants, Distance Mode of Education, State Government Grant, revising the affiliation fees for the new colleges, increasing the fees for additional sections/intake of students by the affiliated colleges, certificate fees, by organizing training programmes, consultancy service, collaborative ventures and contribution from alumni.

6.4.6   Is there any provision for the University to create a corpus fund? If yes, give details.

Yes, the University has created a corpus fund for student and staff welfare to a tune of Rs.96 Lakh.

6.5   Internal Quality Assurance System

6.5.1   Does the University conduct an academic audit of its departments? If yes, give details.

Yes, the University has conducted the academic audit for the departments every year. The University is morally committed to quality and principles that promote continuous improvement of the University organization in a systematic, integrated, and consistent manner involving every unit of the University by aiming towards complete satisfaction of every participant of the system. The University has laid down benchmarks for internal quality of the University departments, affiliated colleges and approved research institutes and R & D institutions by the process of Academic Audit System. It is an academic and a pragmatic exercise of accountability to identify the strength and weakness of the department and to assess and improve the performance of teachers, students, administrative staff and the whole institution in a holistic manner.

6.5.2   Based on the recommendations of the academic audit, what specific measures have been taken by the University to improve teaching, learning and evaluation?

Measures taken

- Number of Seminars, Conferences, Workshops organized has increased.
- Drastic increase in publication of research works .
- Number of research projects and project funding agencies have increased.
- Skill based evaluation.
- ICT based teaching- learning.

6.5.3   Is there a central body within the University to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

Yes, the Vice Chancellor with the team of senior Professors continuously reviews the teaching learning process of the departments. The IQAC is also monitoring the academic activities of the departments.

6.5.4   How has IQAC contributed to institutionalizing quality assurance strategies and processes?

The University has an effective mechanism to use student-feedback for quality enhancement. Regular faculty meetings are conducted to discuss the curriculum, teaching and assessment. The IQAC monitors the quality sustenance and quality enhancement efforts of the University departments and affiliated colleges. It has undertaken the following activities.

a) Creating Internal Quality Assessment scores for the University departments and affiliated colleges, based on the Quality Indicators like Academic (Teaching, Learning

and Evaluation), Research Consultancy and Extension, and Infrastructure and Special Assistance and Support Services.

b) Getting students' feedback on the CBCS courses and their evaluation of teacher of the University departments.

c) Self-Appraisal Report from faculty members.

d) Guidance to undertake quality assessment and improvement activities in the affiliated colleges and these colleges are requested to submit annually a copy of the IQAC report to the University.

e) Quality assurance in evaluation is strictly maintained through transparency in the evaluation of examination papers by providing photo copies of evaluated answer papers and provision for revaluation.

During the review period from 2010-2014, the IQAC has processed a total of 4273 student feedback forms. The quality hallmark for the academic programme has been given a paradigm shift in the last five years to reorient curriculae towards skill and capacity building to create more employability.

6.5.5 How many decisions of the IQAC have been placed before the statutory authorities of the University for implementation?

The IQAC decisions about extra disciplinary, core and elective papers for various courses have been approved by the University for implementation.

Other decisions :-

a) To increase the number of representatives from the industries in the Board of Studies

b) To forge industry-institutional link for improved placement.

c) To invite international scholars frequently for quality improvement.

d) To create awareness regarding courses of innovative nature.

6.5.6 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

Yes. The retired vice chancellors, industrialists, educationalists, from other institutions serve as external experts in the IQAC. The input derived from the external experts of IQAC has enabled the teachers to modernize the curriculum and strengthen the research.

6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

Yes, an inspiring finding about the University's growth has been its 'inclusiveness' in benefitting the disadvantaged sections of the society. In the University the number of SC/ST candidates admitted has risen from 243 to 355 for PG and 0 to 72 for MPhil programmes.

Table 6.4 List of disadvantaged section of students

S.No.	Year	PG					MPhil				
		SC	SCA	ST	DA	Total Strength	SC	SCA	ST	DA	Total Strength
1	2010-2011	234	04	09	-	243	-	-	-	-	00
2	2011-2012	187	54	06	07	254	50	09	01	-	91
3	2012-2013	295	12	14	02	312	64	12	04	03	83
4	2013-2014	304	28	14	09	355	55	12	04	01	72

6.5.8   What policies are in place for the periodic review of administrative and academic Departments, subject areas, research centres, etc.?

Academic Audit by external experts is done once in a year and the departmental activities are reviewed by the honourable Vice-Chancellor every year. Weekly grievance redress for students, periodical reviews from the self evaluation reports of the faculty, promotions based on the scores of API as per UGC norms, review of research are some of the methods that the University follows to monitor the activities of the departments.

CRITERION VII:
INNOVATIONS AND BEST PRACTICES

<div align="center">**CRITERION VII: INNOVATIONS AND BEST PRACTICES**</div>

Periyar University lends its focus on energy conservation, renewable energy and rain water harvesting are important initiatives taken by the University to make the campus eco-friendly. Introduction of biometric attendance, creation of a Women's Welfare Centre, Women Studies Centre and Health Centre are some of the best practices followed in the University. The University also has an amenity centre which houses a photocopying centre, student grievance redress cell, health centre, computer centre, and centre for yoga, YRC, NSS and Career Guidance and Placement Cell. The university has promoted collaborative teaching-learning and research as one of its best practices. The Training and Placement Cell has signed MoUs with leading industries and 39503 students have taken part in campus interview/selection drive.

7.1   Environment Consciousness

7.1.1   Does the University conduct a Green Audit of its campus?

Yes. The University conducts a green audit of the campus regularly to ensure Green and Clean Campus. The NSS units are taking care of trees in the campus. Every year saplings are planted to maintain the green cover. A botanical garden is maintained in the campus with exotic varieties of herbal plants and flowers.

7.1.2   What are the initiatives taken by the University to make the campus eco-friendly?

Energy conservation

Solar lamps are installed in the University campus, hostels and in various buildings of the University. Centre for Nanoscience and Nanotechnology is maintaining solar lamps and solar heaters in the campus and hostels. The CRT monitors are replaced with LCD monitors. All the sodium vapour lights are replaced with LED lights in the University campus. Faculty members, administrative staff and students are sensitized to use electric power judiciously. Energy is also conserved in all the University offices through e-governance and G-governance. In the office of the COE , question papers sent by email to all the affiliated colleges instead of sending question papers by post with requisite numbers.

Water harvesting

Almost all the buildings in the campus are provided with pits for water harvesting. Massive rain water harvesting well is constructed in the guest house. Recycling of drainage water from the hostels is yet another initiative that University has undertaken to make the campus eco friendly.

Efforts for Carbon neutrality

The University has introduced Vehicle Free Campus for one day in every month to reduce burning of fossil fuels. Restriction on the use of air conditioners is initiated to reduce the greenhouse gases along with CO_2. Planting more number of plants in the campus is undertaken by our NSS units.

Plantation of Trees

The NSS units of the University and the affiliated colleges conduct regular camps in many parts of villages in the area of University jurisdiction and organizing programmes to create awareness about tree plantation to the rural mass and the youth. Every year nearly five thousand saplings are planted by the NSS unit.

Hazardous waste management

Usage of plastics is strictly prohibited in the University campus. The biological wastes and chemical wastes are carefully disposed without harming the environment of the campus.

E-waste management

The University has nominated a team to look after obsolete electronic items in the University campus and their proper disposal. The e-waste is disposed by calling tenders from the vendors for the purpose of recycling. Necessary steps are taken for the speedy disposal.

Biodiversity garden

The Centre for Biodiversity and Forest Studies was established in the year 2011 and the Centre has successfully created the Biodiversity Park in the Periyar University Campus. The Garden posses a number of rare and endangered flora, ornamental, medicinal plant species and a Fossil Park; Biodiversity museum preserves the Specimens of rare and endangered species like Algae, Fungi, Bryophytes, Pteritophyte, Gymnosperm and Angiosperm.

7.2   Innovations

7.2.1   Give details of innovations introduced during the last four years, which have created a positive impact on the functioning of the university.

Several quality initiatives have been taken up in the University for its effective functioning. The following are the major initiatives

1.   Autonomy to University Departments

The aims of the autonomy are to facilitate the creation of dynamic and innovative teaching, training, and decentralization of administration on various academic/ research programmes and extension programmes within the departments. Autonomy has been given to faculty members to submit more research proposals.

2.   Feedback

Feedback from students on faculty performance, usefulness of the curriculum, infrastructure, administration and support services have been taken to identify service failures and deficiencies and to take appropriate corrective and preventive measures.

3.   IQAC

In pursuance of the National Action Plan of the National Assessment and Accreditation Council (NAAC), Bangalore, for performance evaluation, assessment and accreditation and quality up-gradation of institutions of higher education, Internal Quality Assurance Cell (IQAC) was established as a post-accreditation quality sustenance measure. As quality enhancement is a continuous process, the IQAC has become a part of the University works towards realizing the goals of quality enhancement and sustenance. The Internal Quality Assurance Cell has been strengthened to ensure quality sustenance in the University and as well as in departments, to ensure stakeholders connected with higher education and to channelize the efforts and measures of the University towards academic excellence.

4.   Curriculum Development Cell

Curriculum Development Cell (CDC) was inaugurated during 2013 in the University for promoting the curriculum revision and updation in the University and self-financing colleges. The activities of the cell are the planning and revision of the syllabus of University Departments / affiliated colleges, preparation of learning resource materials, establishing a training centre for the newly recruited faculty and also conducting short time courses for quality improvement.

5.   Memorandum of Understandings (MoUs)

To develop relationships for mutual benefit, the University has so far entered into MoUs and established linkages with more than 25 national and International organizations. They include Research Institutions, State Universities, Foreign Universities, Government Organizations and Non-Government Organizations.

6. Computer Centre: A Common Facility

The computer centre was established in the year 2009 with financial grant from UGC to augment the computing facility to the MCA and M.Sc. Computer Science students and to provide additional support to the computer related activities of the University. The computer centre extends support and facilities to all the departments of the University and ensures optimal utilization of computer facility and is made available to faculty and students. The University computer centre in the amenity centre also remains open to the faculty and students throughout the week.

7. Smart Class Room

In order to enhance and enrich teaching – learning process in the classrooms, the University has allotted funds to establish smart classrooms in all the University Departments. This facility is potentially useful for students, scholars and faculty to make powerpoint presentations and present multimedia content. Virtual learning environment is created through this facility.

8. Social Laboratory

Social laboratory is a new concept in social sciences arena. Among all Indian universities this system was first introduced in Periyar University. The main focus of the social laboratory is to treat villages, urban areas, cities, hospitals, Government, non-governmental organizations and other entities as laboratories.

9. Carrier Counseling and Placement Cell

The University has taken up initiatives to promote placement activity. An orientation programme for placement officers and student advisors was organized with the help of national and internationally reputed companies. As a result of the efforts, the campus recruitment has improved significantly year after year.

10. Equal Opportunity Cell

The University has established an Equal Opportunity Cell for persons belonging to Scheduled Castes, Scheduled Tribes, other Backward Class and other minorities in order to enhance their employability and success.

11. Student Grievance Redress Cell

Student Grievance Redress Cell (SGRC) was instituted in 2010. Students can submit their grievances in prescribed format at the SGRC every Thursday from 4 pm to 5.30 pm to SGRC members in person. The grievances which could be amicably settled are taken to the section concerned and decisions taken will be informed to the students.

12. Anti-Ragging Committee

Anti Ragging Committee was established in the University to strictly prohibit ragging and if students indulge in such activity would be warned seriously by the authorities of the University. This Committee helps to curb the ragging menace in the University campus and in hostels.

13. Women's Welfare Centre

The Women's Welfare Centre was constituted in September 2009 to focus on the various issues pertaining to women and their welfare within the University. Be it a student, menial worker, administrative staff or a faculty – the centre takes utmost care to solve the grievances placed before it. WWC has also organized programmes keeping in mind the holistic well-being of its women folk.

14. University Health Centre

Periyar University Health Centre was established in the campus on January 07, 2010 for the benefit of students and employees of Periyar University. Financial assistance has been received from the UGC under the XI five year plan to establish this Centre. All the basic amenities and equipments have been provided for health check-up and treatment. The health

centre has been provided with 3 beds for in-patients and also a well stocked pharmacy. A part-time medical officer and a full time nurse have been appointed to take care of the inmates. More than 9000 patients including students and staff have utilized this facility within the University premises.

15. Anti-Sexual Harassment Cell

Anti-Sexual Harassment Cell was established to promote the well being of the women students and staff in the University. A committee has been constituted under the umbrella of Women's studies Centre to deal with the claims of sexual harassment.

16. Civil Service Examinations Free Coaching

All India Civil Services Examinations Free Coaching Centre was started at Periyar University, Salem during 2010 for Scheduled Caste, Scheduled Tribes, OBC (non-creamy layer), Minority students who have been studying in the various Departments of Periyar University. The Centre conducts coaching classes for students on and off during working days or on holidays, during vacations, depending on the convenience of the students as well as faculty members. The classes are more useful to the students to enter into services like IAS, IPS, IFS, Group I & Group II Officers, Bank Officers etc. More than 500 students (41% Women) used this facility for the past four years.

17. NET/SET Free Coaching Classes

UGC NET/SET free coaching classes under merged scheme in the XI Plan to coach postgraduate students to appear for the national / state eligibility tests. Accordingly, the coaching centre was inaugurated in the University during the academic year 2010-11. More than 200 students from various departments like Tamil, English, Commerce, Mathematics, Management, Chemistry, Physics, Education, Bio-technology, Microbiology, Environmental Science, Economics, Geology attended and benefitted from this programme since 2010-2011.

18. Photocopying Centre

Based on the suggestion received from students and general public, a full-fledged photocopying centre was started at the University Library (Exclusively for students visiting library) and at the students' Amenity Block (for all students and public) during 2010. The centers provide photocopy service at nominal price and satisfy the needs of the students' community.

19. Group Insurance for Students

Student safety group insurance policy for students studying in Periyar University Departments and University constituent colleges was launched in collaboration with the New India Assurance Company Limited, Salem during the academic year 2010-2011. The policy has intended to cover accidental risks like death. It offers a benefit of Rs. One lakh for permanent total disablement from injuries, Rs. 50,000 for the loss of a one limb or one eye and reimbursement of medical expenses subject to a maximum limit of Rs. 5,000/- to any one beneficiary per year.

20. Biometric system

An individual signature is more reliable to identify a person working in this University. Hence, a biometric system has been introduced in the University for the non-teaching staff initially and will be extended to faculty as well.

21. Village Adoption Scheme

Under the village adoption scheme the Periyar University has adopted Sangeethapatti Village of Omalur block at Salem District in 2012. The main objective of the scheme is to identify the gap areas of the village in Tamil Nadu and to provide an overall development. Integrated approach is the key for the implementation of the scheme, Department of Sociology has taken the responsibility of bringing the essential sections/departments together to help the village.

22. Earn While You Learn Scheme

University has implemented '**Earn While You Learn**' programme to the PG students and research scholars who are economically poor. Under this scheme, as a trial basis, nearly 50 students are employed in the examination section to assist the regular staff to speed up the entire examination system.

23. Community Colleges

The innovative alternative system of education is aimed by empowering the disadvantaged school and college dropouts and underprivileged sections of society through appropriate skill development to gain employment in collaboration with the local industry and community. To achieve this, the Periyar University has also started 11 community colleges on 24.12.2010 and another 2 colleges in 2014 with the courses like tailoring, fashion designing, mushroom cultivation, tally, windows, cell phone repairing, air conditioner servicing etc. The vision of the Community Colleges is 'of the community', 'for the community' and 'by the community' and to produce responsible citizens.

24. Overcoming the Electricity Shortage

Power shortage is the ever alarming issue of our country. To ensure adequate power supply, a 500 KVA transformer has been installed which will provide power supply to Science Block I and II and helps for the smooth functioning of research and teaching programmes. Now the total power source is upgraded to 750 KVA. This quantum of power supply is enough to meet the power requirement of the University.

25. Co-operative Stores

Co-operative Store is an enterprise owned by consumers and managed democratically which aims at fulfilling the needs and aspirations of their members belonging to Periyar University. The beneficiaries are the students and faculty and non-teaching staff members.

MAJOR INNOVATIONS INTRODUCED IN THE LAST FOUR YEARS

CURRICULAR ASPECTS

➢ Introduction of CBCS syllabus pattern giving greater freedom to students to design their own curriculum depending upon their aptitude and career planning.
➢ Offering credit transfer facility among higher learning institutions of Periyar University to facilitate students to complete their programmes successfully.
➢ Permitting students to combine the conventional mode and the distance mode to prevent dropouts.
➢ Providing vertical and lateral mobility across the progammes as well as within the programme respectively.
➢ Promotion of inter-disciplinary approach by introducing non-major courses to enable the students to have a wider coverage of the subjects studied.
➢ Entering into MoUs with foreign universities to encourage exchange of expertise and research techniques.
➢ Facilitating students to get dual degree at a time by combining conventional mode and distance mode.
➢ Offering value added programmes as supportive courses.
➢ Conducting skill development programmes in accordance with guidelines of the skill development agencies.
➢ Eliciting feedback on the curriculum from the stakeholders to review and restructure the curriculae.
➢ Collaborating with industries and professional bodies for effective development of the curriculae.

➢ Evolving 'Meta University Concept' proposal to have students exchange programme among three Universities such as, Periyar University, Bharathiar University and Bharathidasan University.

➢ Monitoring the curriculae design in autonomous colleges by appointing staff representatives.

TEACHING, LEARNING AND EVALUATION

- Organizing orientation programme for freshers exposing them to the academic atmosphere prevailing in the campus.
- Encouraging the slow learners through remedial programme.
- Motivating fast learners to take up extra credit courses / student projects and present papers in seminars and conferences.
- Preparing teaching plan and course schedules prior to the commencement of the academic session.
- Adopting student centric teaching methods.
- Developing e-resources to facilitate e-learning.
- Supplementing chalk and talk method by Audio-visual aids.
- Rendering academic, personal and psycho-social guidance by sociology and psychology departments.
- Adopting innovative teaching methods through smart class rooms and video conferencing facilities.
- Rewarding faculty with awards for innovative teaching methods.
- Making students project mandatory for all courses.
- Providing one Gbps internet connectivity and Wi-Fi connectivity to enable the faculty to prepare computer-aided teaching/learning materials.
- By organizing conferences/ seminars/ workshops, the faculty update themselves with the modern trends in higher education.
- Pre- submission viva for Ph.D.
- Sending digital version of Ph.D. thesis to examiners and getting reports via e-mail.
- Using OMR sheets in processing results.
- Regional valuation camps are arranged to expedite the valuation process.
- Introduction of new method of answer script containing all details including the photograph of students.
- Mark statements, consolidated mark statements and provisional certificates are issued within 15 days from the release of results declaration.
- Sending all correspondence including questions for practical examinations through e-mail which helps to save Rs. 5,00,000/- per annum.
- Incorporating the name of the autonomous colleges in the degree certificates.

RESEARCH, CONSULTANCY AND EXTENSION

✓ Establishment of a separate Board of Research Studies to promote research culture among staff and students.

✓ Constituting a separate committee to promote research in affiliated colleges.

✓ Permitting the affiliated colleges to utilize the instruments available in the University.

✓ Allowing principal investigator to make purchases upto Rs. 10,000/- directly without the approval of the University.

✓ Encouraging joint-proposals by the departments to promote inter-disciplinary research.

- ✓ Conducting workshops, training programmes and sensitizing programmes to promote research culture among faculty and students.
- ✓ Inviting fellows of Academy of Science, fellows of National Academy of Science and S.S. Bhatnagar Awardees to create potential awareness for research.
- ✓ Providing University Research Fellowships to each Department.
- ✓ Encouraging research by awarding Post Doctoral Fellowships and Research Associateship by giving necessary research facilities and administrative support.
- ✓ Organizing national and international conferences to expose the thrust areas of research and the recent trends in research.
- ✓ Encouraging student's research activities by providing University Research Fellowships.
- ✓ Taking special efforts to encourage the faculty to get patent rights.
- ✓ Undertaking a number of major / minor research projects and projects sponsored by national and international organizations.
- ✓ Getting national level recognition for research activities from agencies like UGC – SAP and DST – FIST.
- ✓ Having a full-fledged resources centre to cater to the requirements of researchers.
- ✓ Establishing a Centre for Instrumentation and Maintenance Facility (CIMF) to undertake service and maintenance work related to various research instruments.
- ✓ Providing internet facilities in the hostels to facilitate residential research activities and having a proposal to construct an exclusive hosted for married research scholars.
- ✓ Having specialized research centres of national repute such as Centre for New and Renewable Energy Studies, Centre for Nanoscience and Nanotechnology, Centre for Geo informatics and Planetary Studies Centre, Women's Studies Centre, Centre for Biodiversity and Forest Studies and Kalignar Research Centre to address the special challenges of research programmes in emerging areas of study.
- ✓ Publication in peer reviewed, reputed national and international level journals.
- ✓ Having a plethora of research publications with impact factor and h-index and text books.
- ✓ Serving on the editorial board of national and international level journals and also serving as reviewers in journals.
- ✓ Receiving a number of awards for research contributions.
- ✓ Participating in Shodhganga for electronic dissemination through open access.
- ✓ Providing consultancy service to ISAC – ISRO for the supply of lunar soil stimulant besides offering services in the areas of ground water exploration, remote sensing and resource mapping.
- ✓ Constituting industry – institute collaboration cell to undertake joint research and to have tie-up programmes.
- ✓ Promoting University–locale collaboration and contributing to community development by undertaking a number of extension activities and outreach programmes.

INFRASTRUCTURE AND LEARNING RESOURCES

- ✓ Well furnished class rooms with fully equipped laboratories.
- ✓ Computer with internet facility well furnished office and a library for each department.

- ✓ Auditorium to accommodate 2500 persons.
- ✓ Botanical garden and animal house.
- ✓ Health centre with beds for in-patients.
- ✓ Centre for cultural activities.
- ✓ Talking library for differently abled.
- ✓ E- copies of question papers.
- ✓ OPAC system with remote access facility.
- ✓ User orientation programme for library use.
- ✓ Electronic Theses and Dissertations laboratory.
- ✓ UGC-INFONET Digital Laboratory.
- ✓ Children's Park.
- ✓ Central Instrumentation and Maintenance Facility.
- ✓ Separate Hostels for Men and Women.
- ✓ Excellent computing facilities with strong IT infrastructure and efficient risk management.
- ✓ Bio-diversity Park.
- ✓ Photocopying Centre
- ✓ Women's Welfare Centre with Sanitary Napkin vending machine in Women's Studies Centre and also in women's hostel.
- ✓ Value learning through centre for Tamil computing, Centre for Swami Vivekananda Studies, Art and Culture Centre and Women's Studies Centre.

INNOVATIVE PRACTICES WITH REGARD TO STUDENT SUPPORT AND PROGRESSION

- ♦ Providing all kinds of welfare support and extra-curricular support under the Umbrella of 'Amenity Centre'.

- ♦ Establishing a Career Guidance and Placement Cell to look after career counselling and soft skill development in collaboration with other departments.

- ♦ Providing adequate financial support in the form of various scholarships like merit scholarship, endowment scholarship and research fellowships.

- ♦ Introducing 'Earn While You Learn' scheme to provide part-time employment to the needy in the university.

- ♦ Giving complete fee waiver to the poor students under the 'Free Education Scheme' of the University.

- ♦ Offering facilities like 'ramp', 'scribes' and talking library to the physically challenged students.

- ♦ Making available health and accident insurance to all the students.

- ♦ Publishing student magazines to highlight the creative and innovative research contributions of the students and their achievements.

- ♦ Conducting free coaching classes for students appearing for NET/SET, IAS, IPS and other civil service examinations through 'the Periyar Institute of Administrative studies'.

♦ Implementing strategies like 'sports quota', 'free uniform', TA/DA to participants, flexible academic calendar etc. to enhance student participation in sports and extra-curricular activities.

♦ Having a registered Alumni Association to create a good rapport between them and their Alma matter for further development of the institutions by their positive contributions in various forms.

♦ Redressing the genuine grievance of students through student grievance redress cell.

♦ Promoting a gender-sensitive environment on the campus through Women's Welfare Centre, Women's Studies Centre and Anti-Sexual Harassment Redress Cell.

♦ Ensuring the overall development of students through Parents-Students-Faculty-Administrative staff meeting.

♦ Giving due representation to students in academic and administrative bodies to ensure democratic functioning.

♦ Establishing Equal Opportunity Cell to bring social equilibrium among all students.

♦ Constituting Legal Aid Club to guide and disseminate information on rights and laws for women.

♦ Promoting mental growth and fitness and also personal growth of students through Psychological Guidance and Counselling Unit.

GOVERNANCE, LEADERSHIP AND MANAGEMENT

❖ Democratic and decentralized management through various committees.
❖ Availability of dynamic, committed and vibrant leadership.
❖ Knowledge management strategy through MoUs with foreign Universities and industries.
❖ Complaints/ grievances can be communicated directly to the Vice-Chancellor via e-mail.
❖ On the spot redress of grievances relating to examinations.
❖ Internal academic audit once in a year.
❖ Introduction of 'Autonomous College system' to advocate autonomy.
❖ Institution of 'Best Teacher Award', endowments for gold medalist, Sir CV Raman award for best research to enhance professional competency.
❖ Organisational structure operating with top down and bottom up approach.
❖ Availability of ample of welfare schemes for teachers.
❖ Creation of a corpus fund of Rs. 96 lakh for staff welfare.
❖ Introduction of biometric system.
❖ Identifying and looking after the need of the University and affiliated colleges by the planning board.
❖ Adoption of quality checks for quality entrancement with staff appraisal, external academic audit, etc.
❖ Providing increased access to higher education for disadvantaged community to serve the national cause.
❖ Designing and implementing definite quality policies by the IQAC.
❖ Encouraging academic departments to function autonomously.

7.3   Best Practices

7.3.1   Give details of any two best practices which have contributed to better academic and administrative functioning of the University.

<div align="center">Best practice (I)</div>

1.   Title of the practice

"Promotion of Research among Faculty and Students"

2. Objectives of the practice

The following are the main objectives of the practice,

- To promote research culture among faculty and students.
- To facilitate research by providing state of the art infrastructure.
- To undertake more research projects sponsored by industries and other funding agencies.
- To prepare proposals for research projects.
- To promote joint and collaborative research by collaborating with research bodies of national and international repute.
- To publish research findings in reputed journals.
- To register for patent rights for innovative findings.

3. The context

The field of research contributes to any country to grow economically and develop opportunities. Research is also responsible for building up a strong infrastructure, thereby improving the living conditions of society which in turn leads to building an ecosystem-of growth and progressive thoughts. But, the key factor for this is involvement of staff and students.

There is a significant dip in the number of staff and students taking up research projects. Again, interdisciplinary and multidisciplinary research is conspicuously absent. It is the same case with industry-sponsored projects, which are also very limited. Though there are many funding agencies at the national and international level, research aspirants are not exposed to them. Above all, the research findings are not taken to the field through publication and patent rights, and hence the 'lab to land' remains a distant dream. In this context, the Periyar University has taken it as a challenge and has implemented a number of positive steps towards building a strong research culture in the campus.

4. The practice

The research culture is fostered by adopting the following practices:

- Establishment of separate board of research studies to promote research culture among faculty and students.
- Providing advance funding for sanctioned projects.
- Sanctioning seed money for undertaking research.
- Simplifying the procedures regarding sanctions, purchases by investigator etc.
- Conducting periodical auditing and submitting utilization certificate regularly.
- Encouraging joint proposals of various departments.
- Conducting workshops and research training programmes.
- Inviting researchers of eminence to visit the campus.
- Awarding research fellowships, post-doctoral fellowships and research associateships.
- Providing free internet access and DELNET and IFLIBNET facilities along with online database services.
- Granting duty leave for research activities.

➕ Establishing a center for Instrumentation and Maintenance Facility, fully equipped with sophisticated testing and measuring instruments.

➕ Instituting best award' for outstanding research contributions.

5.   Evidence of success

The success of the above practice is evident from the following facts,

➕ 79 research projects have been completed during the last four years.

➕ There are 89 ongoing research projects on the campus.

➕ 85 research fellowships have been availed by students to undertake research studies from DST, UGC, CSIR, ICSSR etc.

➕ 4 patents have been granted, 1 approved and four filed.

➕ Three departments have been recognized as DST – FIST sponsored and one as UGC-SAP department.

➕ A total number of 2324 research papers have been published at the national and international journals.

➕ 129 research awards have been received by faculty members and 138 by the students.

➕ 260 scholars have been awarded Ph.D. 70 have submitted their Ph.D. thesis and 405 scholars are pursuing the Ph.D. programme.

6.   Resources required

Undertaking research projects of varied nature requires;

➕ Setting up of fully equipped research laboratories with state-of-the-art infrastructure.

➕ Procurement of sophisticated instruments.

➕ Subscription to journals both at national and international level.

➕ Subscription of more E-resources.

➕ Establishment of centralized instrumentation centre.

➕ Appointment of trained analysts to handle sophisticated instruments.

7.   Problems encountered

Some of the major problems encountered are,

➕ Non availability of sophisticated instruments.

➕ Non availability of qualified investigators/ guides to undertake interdisciplinary and multidisciplinary research.

➕ Hesitancy on the part of industries to sponsor research programmes.

➕ Too much formality in collaborations with international bodies

Best Practices (II)

1. Title of the Practice

Training and Placement of Students

2.   Objective of the Practice

Students of Periyar University are mainly first generation graduates belonging to poor family back ground. Most of the students need employment once they complete their academic programmes. In order to achieve this goal, University is focussing on training and placement of students with the following objectives.

➢ To give training on emerging thrust areas of various disciplines and placement guidance.

➢ To give free coaching to IAS/IPS, public service commission aspirants.

➢ To conduct week-end programmes and coaching classes for administrative service aspirants with enough study materials.

> ➢ To organize week-end coaching programmes for the NET/SET/GATE/GRE/GMAT aspirants.

3.   The Context

Graduates face a very competent job market of the University. Hence, it becomes very difficult to get a suitable job to suit their aptitude and career planning. Moreover, the standards of examinations of IAS/IPS, Group I services, UGC-NET/SET have become very tough and the content of the syllabus is updated every year. It is challenging to acquaint students with the latest syllabi. It also equally becomes a challenging task to prepare the students industry oriented. In this context, it becomes imperative to train the students.

4.   The Practice

> ➢ Establishment of a Career Guidance and Placement Cell to conduct placement training programmes.
> ➢ Development of soft skills by department like Management Studies, Commerce, Education, etc.
> ➢ Enhancement of communication skills through language labs.
> ➢ Organising coaching programmes for IAS and other civil service examinations.
> ➢ Preparing students to face NET/SET/CAT etc. examinations.

However , Career Guidance and Placement Cell provides coaching related to IT industry and management, eminent officers at the top level organisations are invited to interact with students. We provide extra coaching and practice to students to excel in computer based technological skills, marketing, management etc.

Wipro, TCS, Infosys, CTS are some of the major IT players visited the University through Career Guidance and Placement Cell to train students.

5.   Evidence of Success

> ➢ The University has signed an MoU with Tata Consultancy Services (TCS) to provide training to students.
> ➢ The University has conducted training camps to placement officers of the affiliated Colleges.
> ➢ Nearly 39,503 students took part in campus interview/selection drive conducted in the last three years. Among them 15,000 are women students. Totally 2420 students have been selected in the campus selection drive.
> ➢ Nearly 25 companies have visited the University to conduct campus interviews.
> ➢ More than 10 students have cleared SET/NET examinations through University NET/SET coaching classes.
> ➢ 25% of our students are employed in various Government services who are trained by Career Guidance and Placement Cell.

6.   Problems Encountered and Resources Required

> ➢ Qualified trainers to coach students.
> ➢ Prepare the students to the level of expectation of the industries.
> ➢ Provide coaching without affecting their academic and research programmes.
> ➢ Inadequate budgetary provisions, since the University has not collected any fee for these coaching classes.

Additional resources are required

- To prepare course materials

- To pay remuneration to eminent persons to coach the students.
- To equip language lab with latest software.
- To equip the councelling centre with necessary infrastructure facilities.
- To conduct career guidance programmes.
- To organise campus interviews.

Conclusion

The funding agencies should come forward to release grants generously to start a Centre for Career Development and Placement of students. If full time faculty with all necessary infrastructure are provided, the students could be trained better with the best competence. The University progresses towards this goal and very soon it will start this centre with permanent faculty and all amenities in order to help the student community.

QUALITY SUSTENANCE AND ENHANCEMENT MEASURES UNDERTAKEN DURING THE RE-ACCREDITATION

QUALITY SUSTENANCE AND ENHANCEMENT MEASURES UNDERTAKEN DURING THE RE-ACCREDITATION PERIOD

Periyar University is established in the year 1997. The Post graduate centres (Mathematics, Geology & Commerce) at Salem under University of Madras are promoted as Periyar University. The remarkable progress is made in academic and research activities of the University. At present, 23 departments maintain the standards in all the academic programmes offered by introducing the technological developments in education. The vision and mission of the University cultivate ethics and standards, besides shaping the students with character and values. The faculty of the University are young and fully geared up to mobilise funds through various schemes to establish the infrastructure for advanced Scientific and research in Humanities. The University makes earnest efforts to fulfill the regulations and recommendations of UGC, NAAC peer team and other stake holders of higher educational sector.

I. Characteristics of Curriculum

The University offers various programmes through three different modes (Off-campus, On-campus and Distance mode) based on societal requirements. University departments are free to design the curriculum, course contents, examination pattern etc., on par with institutes of excellence. The affiliated and constituent colleges offer various undergraduate and post graduate programmes under Choice Based Credit System. The syllabi for the various programmes are framed by the respective Board of Studies. The framed syllabi are approved by the Standing Committee on Academic Affairs forwarded to the colleges and also uploaded in the University website.

Steps taken to ensure quality sustenance and quality enhancement

1. Choice Based Credit System of all the programmes offered in the departments provides the academic flexibility to faculty and students. Interdisciplinary research and inter departmental collaboration are encouraged by non major electives and supportive courses.

2. The Board of Studies of the departments meets often and reviews the courses based on the feedback from stake holders. If required, new core and elective courses are introduced in the emerging areas.

3. To ensure the informative and efficient teaching, smart class rooms with internet connectivity and video conferencing has been introduced. E-resources accessing facilities are entrusted to the students apart from standard book materials to improve the knowledge and skills.

4. Language laboratories are helpful to learn foreign languages and improve soft skills by the University students.

5. Centre for New and Renewable Energy Studies, Centre for Biodiversity and Forest Studies, Centre for Geo-informatics and Planetary Studies, Women's Studies Centre, Centre for Nanoscience and Nanotechnology, Centre for Tamil Computing, Centre for Swami Vivekananda Studies, Arts and Culture Centre, Kalignar Research Centre conduct training programmes to the students to enhance the quality of learning and skills.

6. Industrial visits, student research projects, summer internship, student's fellowship improve the practical knowledge on various aspects of the curriculum.

7. E-resources and online journals which are very useful to update the current trend in courses thereby improve the teaching and research standards.

II. Teaching-Learning and Evaluation

1. Feedback from students on teaching modalities and course content are obtained for every semester.

2. Performances of students are evaluated through internal tests, assignments, seminars and monthly tests.

3. The academic audits are conducted one in a year to upgrade the academic and research performance of each department.

4. Faculty of the departments are motivated to work with time bound action plan to promote teaching and research.

5. Seminars, workshops and training programmes on advanced analytical techniques are organised to impart experiential learning.

6. Parent-Head-Teacher meetings are conducted to obtain feedback on each programmes and on their compatibility and job competency.

III. Research Consultancy and Extension

- The University departments are fully geared up to take research and consultancy services on thrust areas of Pure and Applied Science and Social Sciences. The departments of Physics, Chemistry and Geology are supported by DST-FIST programme; Department of Computer Science has obtained the grants from UGC SAP- DRS I. The Ministry of Food Processing Industries, Government of India has supported the Department of Food Science and Nutrition to create infrastructure facilities for PG programmes. Other Science Departments mobilised funds from UGC non SAP programme to improve the facility for research. All University departments have mobilised funds of **Rs.140 Crore**. Few faculty obtained patent for their research findings.

- The Departments are encouraged to organise seminars/conferences/symposia and other training programmes at the National and International level. The University provides maximum seed money of Rs.1 lakh to each Department towards this activity.

- Several Departments have signed MoUs with National and International Institutions/Universities for collaborative teaching and research.

- The University faculty visit to foreign universities and research laboratories under Visiting Scientist / Visiting Professor programmes of UGC, INSA and DST, deliver invited lectures on their research interests. The University extends partial travel support under UGC merged schemes in respective plan period.

- The University extends its fullest co-operation to faculty and research scholars to publish good number of papers and research manuscripts in the national and international journals.

- The University encourages faculty and research scholars to avail research fellowships (RGNF, CSIR, JRF/SRF, UGC-JRF) from various funding agencies. The University has initiated five research fellowships to each Department for candidates registered for their Ph.D. programme. Nearly 88 candidates are awarded with URF for three years by the University with stipend of Rs. 5000/- p.m and fixed contingency grant of Rs.5000/- per annum.

- A Board of Research Studies common to all the branches of studies approves all matters concerning the research programmes undertaken in the University departments and departments of research in the affiliated and constituent colleges and centres of research recognized by Periyar University. The recommendations of

Board of Research Studies are brought forward for the approval of syndicate from time to time.

- Centre of Geo-informatics and Planetary Studies has collaborated with ISRO for testing the rover of Chandrayaan-I. The Center for Nanoscience and Nanotechnology, Center for New and Renewable Energy Studies, Center for Bio-diversity and Forest Studies are also concentrating on societal oriented research activities.
- The University departments provide assistance and guidance to the students and general public for self employment.
- Solar plant system is established in the University campus. The University has taken effort to establish 5MW solar plant in the campus.

IV Infrastructure and Learning Resources

- Government has allotted only 90 acres of land to the University. This is inadequate for the expansion of the University Departments. The University has requested the District administration for additional lands for future expansion. In addition to the existing buildings, the University has obtained the approval to construct new buildings.
- The University is well connected by train and bus. University has provided necessary infrastructure facilities to the student, faculty and non-teaching staff within the campus such as bank, 24 hrs ATM, Post office, Health Centre, Canteen, Guest House, Hostels for Boys and Girls, Amenity center with 50 terminals of internet connectivity, Play grounds for athletes, Cricket, Tennis, Basket ball etc., an auditorium the capacity to accommodate 1500 members, Yoga centre, counselling centre, grievances redress cell and Career Guidance and Placement Cell.
- The University has taken effort to provide transport facility, RO water purifier, uninterrupted power supply.
- The University departments provide learning and study materials and E-resources accessing facility to students through department library. The Science Departments have established good facility for laboratory oriented courses. The University has established 1 Gbps network. The departments and offices are well connected with optical fibre cable network with recent technological advances. Research scholars, students are also facilitated with internet access in the departments, Library and students Amenity Centre.
- To enhance the availability of the leaning resources the University central Library is stacked with 69,088 volumes of text books, 6,011refence books, 207 journals and 11 electronic resources. The library also provides free browsing online journals of leading national and international publishers. Digitalization, introduction of bar codes, radio frequency identification technology, and (UGC INFONET digital library consortium) are some of the salient features of the Library.

V. Student Support and Progression

- The students are admitted on merit basis and the Government of Tamil Nadu reservation norms are strictly followed.
- The concession in tuition fee is also provided to all the eligible candidates as per the government norms.
- 'Earn While You Learn' policy is implemented from the academic year 2014-15 which permit the students to take up the part-time job during their study period.
- Empowerment of students on various schemes and access to quality higher education are assured through several measures. The student grievance redress cell, anti ragging

committee, Career Guidance and Placement Cell, transport services, medical and accident insurance coverage scheme, scholarships to scheduled caste, scheduled tribe and other OBCs, research fellowships to the meritorious and deserving candidates, SET/NET coaching classes, IAS/IPS/UPSC coaching classes, conducting bridge courses through remedial coaching center are some of the measures taken by the University for students empowerment.

- The Career Guidance and Placement Cell in collaboration with major MNCs offers training and employment to several students of the University departments and affiliated colleges. The alumni association of the University organizes regular meeting with alumni who are well placed to inspire and motivate the present students.

- The exclusive playground with ample space has honed the sports skills of students. University teams have won medals and trophies in the inter and intra University tournaments at the State, Zone and National levels.

VI. Governance, Leadership and Management

- The University believes transparency and freedom in the administration and Governance. The University has given autonomy and required administrative support to the academic departments to execute the programmes effectively. The research programmes are governed and monitored by the Board of Research Studies which is a statutory body as per the University Act and Statutes.

- Periodical meetings with heads and faculty and the meetings of Parents- Teachers- Students at the Departmental level provide useful feedback on academic programmes to clear the bottlenecks if any in the system.

- The academic policy decisions like introduction of new courses, syllabus, examinations reforms etc., are discussed thoroughly in the Standing Committee on Academic Affairs (SCAA), which is a statutory body to advise the syndicate on all academic programmes.

- The Senate is a forum meets twice in a year to express and address the grievances of faculty, principals of affiliated colleges, and to elicit the opinion of the stake holders, which throw more light on all academic affairs.

- The Syndicate is the competent body to deal the overall academic and administrative representations of the University. The appointment of posts in teaching and non teaching categories, promotion, disciplinary proceedings, policy decisions, affiliation to new colleges and programmes based on SCAA recommendations, allocation of budget to the Departments and University etc., are collectively decided by the Syndicate.

- The Planning Board is constituted by His Excellency Governor, the Chancellor and it comprises eminent academicians, administrators and industrialists to frame the overall policy for the good governance of the University.

VII. Innovation and Best Practices

The University encourages innovative ideas and sincere attempts to follow the best practices in its administration. Some of the innovative ideas and best practices are:

1. LED lamps powered by solar installed in the campus.
2. Proposal to establish solar power plants to generate 5 MW power.
3. Introduction of Insurance scheme to the Students and consolidated and daily wage employees.
4. Free health check up, medical camps by NSS,YRC.
5. Blood donation directory of students and Adoption of village.

6.   Free coaching for IAS/IPS/UPSC/SET/NET aspirants.

7.   Ragging free campus protection to women students and employees.

8.   'Earn While You Learn' scheme for deserving students and placement opportunities during study period.

9.   Financial assistance to young faculty to attend/organise conferences/seminars under UGC merged schemes

10. Constant Encouragement for research projects and quality publications.

Besides these practices, the University adopts the regulations of UGC to maintain the quality and minimum standards in appointments and admission of students in research programmes. The University ensures the reservation policies of Government of Tamil Nadu and Central Government.

COPIES OF UGC- 2f, 12B, NAAC ACCREDITATION AND DSIR CERTIFICATES

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UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI-110002.

No. F.9-1/98(CPP-I)

September, 1998.

OFFICE MEMORANDUM

A new statutory University namely Periyar University, Salem, Tamil Nadu, has been established by an Act of (Act-45 of 1997) Tamil Nadu State Legislature and notified in State Government Gazette vide No. 414 dated 11-8-97. The said University has been included in the list of Universities, maintained by the UGC, under Section-2(f) of the UGC Act, 1956.

The above University has, however, not been declared eligible to receive Central assistance in terms of Rules framed under Section 12(B) of the UGC Act, 1956.

Yours faithfully,

9\x\98

(Gurcharan Singh)
Deputy Secretary

Copy to :-

1. The Vice Chancellor, Periyar University, Government College of Enginering Campus, Salem-636011 (Tamil Nadu).
2. The Secretary, Government of India, Ministry of Human Resource Development, Deptt. of Education, Shastri Bhawan, New Delhi-110001.
3. The Secretary to the Government of Tamil Nadu, Deptt. of Higher Education Fort. St. George, Madras-600009.
4. The Secretary General, Association of Indian Universities, 16 Katla Marg, New Delhi-110002.
5. The Additional Secretary (Universities) UGC, New Delhi.
6. The Joint Secretary, (SU), UGC New Delhi.
7. The Senior Statistical Officer, UGC, 35, Ferozshah Road, New Delhi.
8. All regional Offices of the UGC.
9. The Section Officer, Meeting Cell, UGC, with a request to include the name of 'Periyar University, Government College of Enginering Campus, Salem-636011, in the list of Universities maintained under Section-2(f) of the UGC Act, 1956, Dr, D. Jayakumar is the first Vice Chancellor of the University.
10. All Section of the UGC New Delhi.
11. DTP Cell, UGC, New Delhi.
12. Guard file.

ISSUED
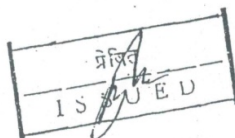
(D.D. Mehta)
Under Secretary

9/10/98

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23235733, 23232317, 23236735, 23239437

UGC.website-www.ugc.ac.in

विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

F.9-1/98 (CPP-I)   May, 2005

ज्ञान-विज्ञान विमुक्तये

1 7 MAY 2005

NOTIFICATION

Periyar University, Salem (Tamil Nadu) established by an Act of Tamil Nadu State Legislature (Act No. 45-97) and notified in State Government Gazette vide No. 414 dated 11.08.1997 which is already included in the list of Universities maintained by the UGC under Section 2(f) of the UGC Act, 1956 vide notification No. F. 9-1/98 (CPP-I) dated 16.12.1998 is now declared eligible to receive central financial assistance in terms of Rules framed under Section 12 (B) of the UGC Act, 1956.

sd/-

(C.K. Kaphai)
Deputy Secretary

Copy to:-

1. The Vice-Chancellor, Periyar University, Salem (Tamil Nadu).
2. The Secretary, Government of India, Ministry of Human Resource Development, (Department of Secondary & Higher Education), Shastri Bhavan, New Delhi-110 001.
3. The Secretary to the State Government of Tamil Nadu, Department of Higher Education, Chennai (Tamil Nadu).
4. The Secretary General, Association of Indian Universities, 16 Kotla Marg, New Delhi-110 002.
5. Director, (NAAC) National Assessment and Accreditation Council (NAAC), Banglaore-560 010.
6. The Director, Medical Council of India, Kotla Road, New Delhi-110 002.
7. The Secretary, Union Public Service Commission, Shahajahan Road, New Delhi-110 001.
8. The Joint Secretary, (SU), UGC, New Delhi.
9. Senior Statistical Officer, UGC, 35, Ferozshah Road, New Delhi-110 001.
10. Publication Officer, (web-site), UGC, New Delhi.
11. Section Officer (Meeting Section), UGC, New Delhi
12. All Regional Offices, UGC.
13. All Section of the UGC, New Delhi.
14. D.T.P. Cell, UGC, New Delhi.
15. Guard file.
16. F. 9-4/2004 (CPP-I).

(Mrs. Urmil Gulati)
Under Secretary

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

The Executive Committee of the

National Assessment and Accreditation Council

on the recommendation of the duly appointed

Peer Team is pleased to declare the

Periyar University

Salem, Tamil Nadu as

Accredited

at the B^+ level.

Date : March 31, 2007

Director

- This certification is valid for a period of *Five* years with effect from March 31, 2007
- An institutional score (%) in the range of 55-60 denotes C grade, 60-65-C' grade, 65-70-C'' grade, 70-75- B grade, 75-80- B' grade, 80-85-B'' grade, 85-90- A grade, 90-95-A' grade, 95-100-A'' grade (upper limits exclusive)

March 31, 2007/189

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution   : **Periyar University**

Place   : **Salem, Tamil Nadu**

	Criterion	Weightage (W_i)	Criterion Score (C_i)
I.	Curricular Aspects	150	121
II.	Teaching-Learning and Evaluation	250	199
III.	Research, Consultancy and Extension	150	118
IV.	Infrastructure and Learning Resources	150	112
V.	Student Support and Progression	100	68
VI.	Organization and Management	100	82
VII.	Healthy Practices	100	80
	Total	$\Sigma W_i = 1000$	$\Sigma C_i = 780$

$$\text{Institutional Score} \quad = \quad \frac{\Sigma C_i}{\Sigma W_i} \times 100 = \frac{780}{1000} \times 100 \ = 78.00$$

Date : *March 31, 2007*

Director

March 31, 2007/189

TELEGRAM : SCINDRECH
दूरभाष/TEL : 26962819, 26567373
            : 26565694, 26562133
            : 26565687, 26562144
            : 26562134, 26562122 (EPBAX)
फैक्स/FAX : 26960629, 26529745
Website   : http:/www.dsir.gov.in
सत्यमेव जयते

सूचना
का अधिकार

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
वैज्ञानिक और औद्योगिक अनुसंधान विभाग
टेक्नोलॉजी भवन
नया महरौली मार्ग, नई दिल्ली — 110 016
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
Department of Scientific and Industrial Research
Technology Bhavan
New Mehrauli Road, New Delhi - 110 016

No. TU/V/RG-CDE(890)/2013

PERIYAR UNIVERSITY
REGISTRAR TAPAL SECTION

17 SEP 2013

L. No: 022324

Dated: 12ᵗʰ September, 2013

To

The Registrar
Periyar University
Salem – 636 011
T.N.

Subject: Renewal of registration of Public Funded Research Institutions or a University or an Indian Institute of Technology or Indian Institute of Science, Bangalore or a Regional Engg. College, other than a Hospital, for the purposes of availing customs/Central Excise duty exemption in terms of Govt. notification No.51/96-Customs dated 23.7.1996 and Central Excise Duty Exemption in terms of Govt. notification No.10/97-Central Excise dt.01.03.1997 as amended from time to time.

With Reference: Your application dated ∧August 2013 on the above subject, this is the certificate of registration.

CERTIFICATE OF REGISTRATION

This is to certify that **Periyar University, Salem (T.N.)** is registered with the Department of Scientific & Industrial Research (DSIR) for purposes of availing customs duty exemption in terms of Government Notification No. 51/96-Customs dated 23 July, 1996 and Central Excise duty exemption in terms of Government Notification No. 10/97-Central Excise dated 1 March, 1997 as amended from time to time. The registration is subject to terms and conditions mentioned overleaf.

This registration is valid upto **31.08.2017.**

Please acknowledge the receipt.

Yours faithfully,

Kamini mishra

(K. Mishra)
Scientist 'F' /Director

STATEMENT OF COMPLIANCE
AND
DECLARATION

**PERIYAR
UNIVERSITY**

State University
Salem - 636 011
Tamil Nadu, South India

Dr. C. SWAMINATHAN
Vice - Chancellor

Statement of Compliance
(Central and State Universities)

This is to certify that Periyar University has complied with all the provisions of the following Regulations governing it:

❖ UGC Regulations on Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education 2010 and further amendments, if any, notified by the UGC.

❖ UGC Regulation on Minimum Standards and Procedure for the Award of M.Phil./Ph.D. Degree, Regulations 2009 and further amendments, if any, notified by the UGC.

❖ UGC (Affiliation of Colleges by Universities) Regulations, 2012 and further amendments, if any, notified by the UGC.

Any false or misleading information provided by the institution, will be viewed seriously by NAAC and the accreditation given is liable to be withdrawn.

Name and signature with seal
of the Vice Chancellor
VICE-CHANCELLOR
PERIYAR UNIVERSITY,
PERIYAR PALKALAI NAGAR,
SALEM-636 011.

Date : 04. 11. 2014

Telephone	Res	Fax	E-mail	Website
0427-2345565 (O)	0427 - 2345464	0427-2345565 (O)	vcperiyar@gmail.com	www.periyaruniversity.ac.in

**PERIYAR
UNIVERSITY**

State University
Salem - 636 011
Tamil Nadu, South India

Dr. C. SWAMINATHAN
Vice - Chancellor

Declaration by the Head of the Institution

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the peer team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of
the institution with seal
VICE-CHANCELLOR
PERIYAR UNIVERSITY,
PERIYAR PALKALAI NAGAR,
SALEM-636 011.

Place: Salem-11.

Date: 04.11.2014

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0427-2345565 (O)	0427 - 2345464	0427-2345565 (O)	vcperiyar@gmail.com	www.periyaruniversity.ac.in