

# Periyar University

Periyar Palkalai Nagar

Salem – 636 011

Tamil Nadu. India

## Internal Quality Assurance Cell



Annual Quality Assurance Report 2010-11

*Submitted to*

**National Assessment and Accreditation Council  
Bangalore**

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## **Section – A**

### **The plan of action chalked out in the beginning of the year towards quality enhancement.**

The University administration and the faculty members of the various Departments of Studies and Research are constantly taken steps for the quality enhancement in the administrative activities and academic and research programmes. Views and suggestions of all the stake holders are carefully considered in the process of planning. All the objectives which plays crucial role in quality assurance are also analysed by the University.

The plan of activities of the Departments to achieve the goal are appended below:

#### **Department of Geology**

The Department of Geology was started as Madras university P.G extension centre at Govt., Engineering College Campus in the Year 1984. Geology department evolved as one of the pioneer Departments under Periyar University in the year 1997. The department has got full-fledged status from December 2004. Currently the department is offering M.Sc Earth Science, five year integrated programme (from 2008-09) and M.Sc., Applied Geology 2 year programme. The curricula and syllabi for the courses have been periodically updated in line with recent developments in the geological science and taking into account the demands of industry and R&D institutions. The faculty members in the Department have specialized in various disciplines, like Remote Sensing, GIS, Applied Geomorphology, Hydrogeology, Micropaleontology & Stratigraphy, Disaster Mitigation and Management, Sedimentology, Geochemistry, and Coastal zone studies. A center for Geoinformatics and Planetary studies is also carrying out advanced research.

#### **Strategies to achieve quality**

- Revisiting the curriculum periodically
- Professional development by deputing the staff to attend training programmes/refresher courses
- Organizing academic programmes frequently
- Motivating the students by academic tour programmes and obtaining reports

## **Department of Mathematics**

The Department of Mathematics was established in 1983 by Madras University PG Centre, later it became the Department of Mathematics of Periyar University in 1997. The Department offers programmes of study and research leading to M.Sc., M.Phil, and Ph.D degrees and is on a relentless march towards academic excellence. Planning to introduce a new Integrated M.Sc Programme in Mathematics. With these objectives in mind we want to make our Department a Centre of Excellence in Mathematics.

### **Quality achievement plans**

- Offering programmes for the young talented students to attract Mathematics.
- Inspiring the students and research scholars by periodical talks/lectures by eminent professors.
- To undertake more research projects.
- Offering training programmes in mathematical soft wares

## **Department of Commerce**

The Department of Commerce, Periyar University has its origin as the Post Graduate Extension Centre of Madras University at Salem for a period of 14 years from December 1983. In the period of 22 years of its existence, the centre and the university have produced 29 Doctorates and more than 100 M.Phil adjudicated. At present 10 M.Phil (full time) scholars have been enrolled for their research programme. The Department of Commerce is offering M.Com and M.Com (C.A), M.Phil and Ph.D. programmes. The Department signed a MOU with BSNL for training Group C and D employees in Behavioural and Attitudinal Changes and so for around 1800 employees were trained. Apart from that the Department intends to collaborate with Consumer Protection Council for developing Consumer Awareness programmes and with Tally Solutions Private Ltd for training and placement for PG Students.

### **Plan for quality achievement**

- To establish smart classroom
- To motivate the students and staff to participate in regional and national seminars/workshops.
- Offering training programmes in the subject oriented softwares

## **Department of Physics**

Department of Physics was established in 2004 with a vision to provide world class research facility and to inculcate the research aptitude among the students and research scholars of this University area. To achieve this vision young and dynamic faculty members of the Department have been geared up to establish laboratories with sophisticated equipments and to carryout research on thrust areas to accelerate of the Department activities. The Department of Physics is offering M.Sc./M.Phil under Choice Based Credit System and Ph.D programme. The Department of Physics signed MOU with Jan Dlugosz University, Czestochowa, Poland. Major research projects to the tune of 2.5 crores are being carried out by the faculty members of the Department funded by UGC, CSIR, DRDO, DST, BRNs etc. Faculty members are publishing papers in the reputed international journals with good impact factors. More than 250 publications published in Elsevier, John Wiley, Springer, AIP, AIC, EJAP publishers.

### **Quality achievement tactic**

- To carry out research on thrust areas of Physics
- To organise seminar, symposia, conferences
- To carrying out collaborative research
- To organise scientific programme for school students and teachers
- To organise science Quiz, Exhibition etc
- To invite speakers from foreign academies to deliver lecturer in various topics and branches of Physics.

## **Department of Tamil**

The Department of Tamil was established in 2004. The Department of Tamil is offering M.A., M.Phil and Ph.D. Programmes. The Department, since its inception, has been paying keen attention to research on certain thrust fields such as Sangam Literature, Grammar, Modern Literature etc.

### **Course of action for Quality achievement**

- To provide value-added education and training to students and researchers in Tamil Language.
- To encourage research for the development of Tamil Language to cope up with the modern social needs.

### **Department of Economics**

The Department of Economics was set up in the month of June 2005 and it offers M.A.(under CBCS), M.Phil. and Ph.D Programs. This Department has well-qualified faculty with diverse fields of specialization. At present one Professor and four Lecturers are working and shortly one Reader will be recruited. Some of the teachers have published their research papers in internationally referred journals and a few of them have attended and presented papers at international conferences and seminars abroad. Some faculty members mobilized resources for conducting academic programs on different fields. Major areas of specialization of the faculty members are: Bicultural Economics, Environmental Economics, Econometrics, Third Sector Development and Welfare Economics.

### **Plan of Quality achievement**

- To encourage the students and staff to participate in regional and national level seminars and workshops
- To invite speakers from foreign countries to deliver lecturer related to Economics.
- To organise national level seminars/symposia/workshop/conferences

### **Department of Education**

The Department of Education is offering M.Ed., M.Phil and Ph.D. programmes. Recently the Department has signed MOU with IGNOU to carryout special programmes in Education technology. The faculty members are fully equipped with computer enabled teaching methods.

### **Department of Chemistry**

The Department of Chemistry was established in 2004 with a view of imparting knowledge in all fields of Chemistry among the students and offering three specializations namely Inorganic Chemistry, Organic

Chemistry and Physical Chemistry at post graduate level. The motto of the Department of Chemistry is Education, Employment, Productivity and Prosperity. Young and dynamic faculty members of the Department have been geared up to establish laboratories with sophisticated equipments and to carry out research on thrust areas of chemical sciences. The Department of Chemistry is offering M.Sc. Chemistry and M.Phil under CBCS and Ph.D. programmes. Many of their faculty members have handled research projects, guiding research scholars and published papers in referred International and National Journals. It has secured research projects from DST, CSIR, DRDO and UGC. It has signed MoU with Chonbuk National University, South Korea.

### **Quality achievement Strategy**

- To invite speakers from foreign countries to deliver lecture in various topics and branches of Chemistry.
- To organise national level seminars/symposia/workshop/conferences
- To impart training on various scientific packages to scholars enable them to understand the advancements in theoretical and computational packages.

### **Department of Food Science**

The Department of Food science was instituted during June 2005. The Department of Food science offers Masters Program (M.Sc) and M.Phil program in Food science under Choice based credit system (CBCS) and Ph.D. program. The program of study is designed to prepare students to gain insight into the national nutritional problems and their management through diet, to disseminate evident based nutrition knowledge to the agrarian and general community, to bring valuable technologies of food processing to all stake holders in an organized form and to develop a perspective for multidisciplinary experience. Several Research programmes were going on in the department funded by UGC, DST and MFPI.

- To evolve technologies for improving the food, nutrition and health scenario of the community



## **PRIMS (Periyar Institute of Management Studies)**

Periyar Institute of Management Studies is the part of the Periyar University established in the year 2005. Periyar Institute of Management Studies providing dedicated and excellent service in the field of professional education exclusively for rural and poor students offering MBA, M.Phil and Ph.D. courses and also to provide excellent placement facilities to the rural and poor students.

### **Plan for Quality achievement**

- To identify and motivate the budding entrepreneurs

## **Department of Computer Science**

The Department of Computer Science was established in the year 2002. MCA, M.Phil and Ph.D. programmes are offered in this Department. Curriculum of MCA is designed with recent developments in information technology and challenging topics are introduced in the Core and Elective courses. The students of MCA are given Industrial based projects and they are visiting industries and other institutions for their internship. The Department is recognized by UGC under Special Assistance Programmes (SAP) in this academic year

### **Plan for quality achievement**

- To provide education and training.
- To provide consultancy for the academic, corporate and public sector communities.
- To disseminate knowledge to the industry by providing high-end technical training for short duration.

## **Department of Biotechnology**

The Department of Biotechnology was started in the year 2008. The objective of the Department is to train manpower so as to impart necessary theory as well as practical knowledge which will help students to pursue their application careers in leading Research Institutes/private sectors and

to serve the society as a whole by their contribution. The department offers M.Sc(CBCS), M.Phil and Ph.D. programmes. The Department is applied for financial assistance in various funding agencies like DBT, DST, CSIR, ICMR, ICAR and UGC.

### **Strategies for Quality achievement**

- To motivate the faculty and research scholars for high quality research in the front line areas of Biotechnology.
- To invite speakers from foreign countries to deliver lecturer related to the field of Biotechnology.

### **Department of English**

The Department of English from its inception in October 2008 commenced M.A. English, M.Phil and Ph.D. programmes. It has organised innumerable seminars and special lectures for the benefit of the students of the Department and also for the affiliated colleges. Teachers and scholars from the Department of English engage classes in the other five integrated programmes and also in the constituent colleges of the University. The Department has achieved the rare distinction of 100% placement when all the M.A. and M.Phil students got their placement in teaching, research and I.T. companies.

### **Plan for quality achievement**

- To take forward the higher education with the latest developments that has taken place in the respective domain.
- To enrich the young minds for practical training.
- To offer training making use of the advanced software installed in the language lab computers.
- To make the higher education curriculum purposeful and useful.

## **Department of Biochemistry**

The Department of Biochemistry was established in 2005. The Department currently offers a two year M.Sc., programme, one year M.Phil., and Ph.D., in Biochemistry. Though it is a budding department, faculty members of this department are recognized based on their merit of research by financial assistance in the form of Major research projects. Projects have been sanctioned from funding agencies like UGC, DBT, DST and ICMR. Biochemistry is an integrated subject fulfilling the need for basic as well as applied aspects of biology and prepares the students to become entrepreneur, teacher, researcher, or to fit into equipping themselves to the future needs along with the basic and applied knowledge of modern biology. This modern curriculum will benefit our younger generation of students who can contribute to the welfare of the society.

## **Department of Microbiology**

The Department of Microbiology was started in October 2008 and is offering M.Sc., M.Phil. and Ph.D. programmes. The Department is running smoothly and is excelling well with the proper Co-ordination and Co-operation of faculty members and students. The faculty members are specialized in various areas of Microbiology like Bioremediation, Bioactive compounds, Enzyme technology, Medical mycology and Biofertilizers. The Department is well equipped with all requirements and infrastructure and is making rapid strides in providing the right kind of higher education to students in many areas of knowledge.

### **Course of action for quality achievement**

- To conduct research addressing the ongoing problems in the field of microbiology with the support of funding agencies
- To invite various scientists and scholars from different places to exchange their research findings through seminars/symposia/conference.
- To develop innovative technologies from Industries
- To develop entrepreneur in the field of Microbiology
- To promote awareness about the utilization of microbial resources like single cell proteins (Spirulina & Mushroom) to the local women communities for their Income generation.

## **Department of Sociology**

The Department of Sociology is offering M.A., M.Phil and Ph.D. courses. More number of students joins irrespective of their concerned disciplines who show interest in extra disciplinary/supportive course and get the maximum benefits. To understand the changing social scenario across the world, social problems of different regions, segments of the society and rural and urban dichotomy, children and their issues can be dealt.

### **Plan for quality achievement**

- To promote rational development among the students & faculty in a lively academic environment.
- To equip students with a critical, analytical ability by providing them theoretical and empirical exposure to various social realities.

## **Department of Journalism and Mass Communication**

The Department of Journalism and Mass Communication was instituted during June 2008. The Department offers Integrated Masters Program (M.Sc) and M.Phil program in Journalism and Mass Communication under Choice based credit system (CBCS). In the Masters program, the students are required to complete 90 credits including the elective subjects and extra-departmental course or supportive course which must be taken from departments other than Biochemistry. The Department also offers Ph.D. program (Full time/part time). The program of study is designed to prepare students to gain insight into the national nutritional problems and their management through diet, to disseminate evident based nutrition knowledge to the agrarian and general community, to bring valuable technologies of Journalism and Mass Communication processing to all stake holders in an organized form and to develop a perspective for multidisciplinary experience.

### **Course of action for Quality achievement**

- To organize national and international conference with reference to Mass Communicational aspects.
- To implement the proposed and approved project
- To organize workshop and training for creating new job opportunities in Mass Communication processing industries.

## **Department of Psychology**

Understanding the Societal need for the application of Psychology, Periyar University, Salem functionally started the Department of Psychology in the year 2009. The Department has an Associate Professor and three Assistant Professors whose expertise and experiences varies from Counselling Psychology, Cyber Psychology, Applied Psychology to Industrial and Organizational Psychology. The Department has all the facilities required in the Teaching, Learning and Researching Process. The Department has its own Library and Lab to cater to the knowledge enhancement and experimentation.

### **Quality achievement Strategy**

- To develop students and scholars with competencies necessary to face the challenges in their personal and professional life, in turn they help others in society
- To provide counselling for the various emotional and behavioural problems of students and help them to develop healthy personality.

### **Section: B**

#### **1. Activities reflecting the goals and objectives of the Institution. Goal of the Institution**

#### **“Arival Vilayum Ulagu” (Wisdom Maketh World)**

#### **Objectives of the Institution**

- Holistic development of the students is the primary objective of the esteemed Periyar University.
- Improving infrastructural facilities.
- Organization of conferences, workshop and Seminar by various departments.
- Updating syllabus of various courses

## **2. New academic programmes initiated**

Proposals to start new academic programmes are placed to the statutory bodies and obtained the approval to start Departments of Botany, Environmental Science and Library and Information Science from 2011-12.

Additional sections of M.C.A. and M.B.A. programmes under self supporting schemes are also initiated.

Center for Women's Studies sponsored by UGC has been launched to address the various problems and issues related to women's in our university area. This center is also geared up to give some training programmes for women's distress.

## **3. Innovations in curricular design and transaction**

The existing academic Departments introduced some new courses and new experiments were designed for laboratory courses. Research based elective courses were introduced in the PG curriculum of Science and Humanities courses.

Five year integrated programme on Visual Communication and Applied Geology were introduced. To enable the Commerce graduates to become eligible for information technology sectors we introduced M.Com. (Computer Applications). Course works for Ph.D. programmes are made mandatory in all the Departments of Studies and Research. Certificate courses in Communication Excellence, Television Journalism, Counselling Psychology and NGO Management for Social Development are introduced for the benefit of students of various Departments.

## **4. Inter-disciplinary programmes started**

Inter departmental electives are offered in the PG programmes. In addition to that various supportive courses are offered for the non major students of the Science and Humanities Departments.

Recent advancements in Scientific and Statistical softwares have commendously changed the style of research. Accordingly, the Economics, Commerce and Business Management Students were trained in our Computer Center under inter-disciplinary programmes. Environmental Studies and Human Rights papers are introduced as inter-disciplinary courses in all the courses offered in our University Departments.

## **5. Examination reforms implemented**

University Departments are given full autonomy in conducting the examinations and evaluating the students. To meet out the requirements in the Departments to conduct examinations in a smooth manner, a University

Department Examinations wing has been created and a Co ordinator in the rank of Professor is coordinating with the Departments. The provisional declaration of the results is made available to all the students in the Departments on the very next day of the last examination. Any grievances over the provisional declaration of results, the students can represent to the Departments and the grievances will be addressed in a couple of days. The final declaration of results by the Controller of Examinations is made available within fifteen days from the date of last examinations. This examination reform introduced from the academic year 2010-11 for the University Departments has helped the students in a big way for the higher studies in India and abroad.

Conducting the examinations for affiliated colleges is a very big task and involves lot of intricacies. In order to expedite the valuation dummy numbers to the scripts are automated. The University administration has also taken steps to introduce automation in the various process involved in the examinations. After getting the nod from Finance Committee and Syndicate, full-fledged automation in the Controller of Examinations Office will be introduced from the next academic year.

**6. Candidates qualified: NET/SLET/GATE etc.**

NET	13
SET	2
Others	12

**7. Initiative towards faculty development programme: 623**

**8. Total number of seminars/workshops conducted: 69**

## **9. Research projects**

### **Department of Biotechnology**

#### **Dr. P. Perumal, Professor & Head**

- UGC-MRP on Studies on molecular taxonomy and phylogeny of marine zooplankton (calanoida; Arthropoda) from the Tamilnadu and Puducherry coast - Rs. 8,79,800/- (2011-2013)

#### **Dr.P.Venkata chalam, Associate Professor**

- UGC-MRP on Development of an efficient Protocol for Invitro clonal Propagation and DNA finger Printing Analysis of Selected Endangered medicinal Plants of Conservation concern from South India – Rs. 11,31,800/- (2010-2013)

#### **Dr.D.Natarajan, Assistant Professor**

- UGC-MRP on Screening of anti-microbial and insecticidal activity of selected medicinal plants from eastern ghats of Tamilnadu – Rs. 6,39,800/- (2010-2013)
- National Innovation Foundation, Ahamadabad - Validation of herbal practices in Salem region sourced from NIF database –Rs. 4,26,800/- (13 months)

#### **Dr.N.Elangovan, Assistant Professor**

- UGC MRP on Waste to-Biofuel Exploration and exploitation of Soil and cassava Waste microbial diversity for enhanced bio-butanol producing novel bacterial Isolate(s)- Rs. 11,39,300/- (2010-2013)

### **Department of Chemistry**

#### **Dr. A.K. Ramasamy, Professor & Head**

- UGC MRP on tuning the band gap of Titanium dioxide photocatalyst to enhance its activity in sunlight for the application in remediation of polluted environment- Rs. 5,29,300/- (2010-2013)

#### **Dr.P.Viswanthamurthi, Associate Professor**

- CSIR MRP on transition metal complexes containing quinone derivatives of semicarbazone/thiosemicarbazone: Synthesis, structure and applications - (2010-2013)



**Dr.Raj, Associate Professor**

- CSIR MRP on fabrication of magnetic and semiconductor nanostructures on aluminum – Rs. 17,26,000/- (2010-2013)

**Dr.R.Rajavel, Assistant Professor**

- UGC MRP on synthesis, Spectroscopic studies of Binuclear Schiff Base Complexes of Cs(ii), Ni(ii) And V(iii) and their Applications in DNA Binding, cleavage and antimicrobial Activity – Rs.5,34,300/- - (2010-2013)

**Dr. D. Gopi, Assistant Professor**

- TNSCST, Chennai - Development of nano hydroxyapatite coatings for Biomedical applications – Rs. 1,61,000/- (2009-2011)
- DST MRP on Development of Nano hydroxyapatite Coatings for orthopedic application – Rs. 6,15,000/- (2009-2012)
- ICMR MRP on a facile and versatile approach for the development of hybrid nanohydroxy apatite synthesis, structure refinement and its coating for biomedical application – Rs. 21,00,876/- (2011-2014)

**Dr. V. Sujatha, Assistant Professor**

- UGC MRP on to determine the phenolics and flavonoids contents and their free radical scavenging effects in cassia fistula flower extracts – Rs. 1,72,000/- 2010-2013)

**Department of Commerce**

**Dr. A. Elangovan, Professor & Head**

- UGC MRP on waste management – An inter disciplinary post consumption methane reduction project in select ward of Salem District, Tamilnadu – A holistic behavioural approach – Rs. 3,88,700/- (2011-12)

**Department of Computer Science**

**Dr.K.Thangavel, Professor & Head**

- UGC MRP on motif detection in protein sequences using data mining” –Rs. 7,46,800/- (2009-2012)

## **Department of Microbiology**

### **Dr.R.Balagurnathan, Associate Professor & Head i/c**

- UGC MRP on potential antidouling compound from marine actinomyceter Rs. 9,69,800/- (2010-2013)

### **Dr.P.M.Ayyasamy, Assistant Professor**

- UGC MRP on prototype development and bioreactor designing for lab scale treatment of ground water and soil containg No3 – Rs.10,30,300/- (2010-2013)

### **Dr. R. Dhandapani, Assistant Professor**

- DST MRP on combined approches on Acetyl CoA carboxylase activity for enhanced lipid production in microalgae – Rs. 16,11,000/- (2011-2014)

## **Department of Food Science**

### **Dr.P.Nazni, Associate Professor & Head i/c**

- RSSDI Project on Invitro and vivo Glycemic Response of various medicinal Plants among Indian Type II Diabetic Population – Rs. 4,70,000/- (2009-2011)
- UGC MRP on breakfast and yoga patterns and its impact on Nutritional status, Academic performance and personality traits of South Indian adolescents (13-18 years) – Rs. 9,56,000/- (2009-2012)
- DST MRP on Nutri Ball Supplimentation and its Impact on Nutritional Affective and Health Among South Indian Senior Citizens)- Rs. 7,92,500/-(2010-13)

### **Dr. T. Poongodi Vijayakumar, Assisant Professor**

- UGC MRP on Development and evaluation of nutria- composite bar as breakfast supplement for mid day meal beneficiaries and its technology transfer –Rs. 8,91,200/- (2009-2012)

## **Department of Physics**

### **Prof.V.Krishna kumar, Professor & Head**

- DRDO MRP on Non- Linear optical crystals for Terahertz generation – Rs. 14,98,000/- (2009-11)
- UGC MRP on Nanocomposite materials for optical applications – Rs. 10,47,800/- (2011-13)

**Dr.P.Kumaradhas, Associate Professor**

- DRDO Armanent MRP on Design of High energetic materials : A Combined molecular modeling and Electric dinesity analysis Approach – Rs.22,75,000/- (2009-2012)
- UGC MRP on Design of mono propellant molecules via high resolution X-may diffraction and charge density analysis – Rs. 3,71,800/- (2009-2012)

**Dr. P.M. Anbarasan, Associate Professor**

- UGC MRP on Design optical study and light trapping scheme of Low Order Aberration Micro lens for Micromachined Silicon Solar Cells – Rs. 10,19,800/- (2009-2012)

**Dr. G. Velraj, Assistant Professor**

- UGC MRP on ESR dating on archaeological samples recently excavated in South India – Rs. 4,27,800/- (2010-2013)

**Dr.L.Kavitha, Assistant Professor**

- UGC MRP on Soliton dynamics in spin ladder systems – Rs. 4,82,000/- (2009-2012)
- BRNS MRP on Soliton dynamics in homogeneous magnetic media – Rs. 9,91,000/- (2009-2012)

**Dr.E.K.Girija, Assistant Professor**

- DST MRP on Substituted Nano-hydroxyapatite Investigations on the low temperature synthesis – Rs.18,25,400/- (2009-2012)

**Periyar Institute of Management Studies (PRIMS)**

**Dr. V. R. Palanivelu, Associate Professor**

- UGC MRP on To study on the problems faced by the women entrepreneurs in Tamilnadu – Rs. 4,77,200/- (2011-13)

**Dr. R. Subramaniya Bharathy, Assistant Professor**

- UGC MRP on A study on problems and practices in procurement marketing of milk and milk products in Salem District – Rs. 5,10,200/- (2011-2013)

## **Department of Journalism and Mass Communication**

### **Dr. R. Subramani, Assistant Professor**

- ICSSR MRP on The reach and use of Social Media among the University Students of Tamilnadu – Rs.1,59,100/- (2011-13)
- UGC MRP on Capacity Building Among Women Managers in Higher Education – Rs 5,32,675/-
- UGC MRP on Role of Interpersonal Communication in Identifying Sexual Abuse among School Girls in Salem. – Rs.5,28,100/-

## **Department of Tamil**

### **Dr. V. Ramarajapandian, Assistant Professor**

- UGC MRP on A social cultural study of the malayali tribals in the pala hills of Salem district of Tamilnadu – Rs. 5,60,200/- (2011-14)

### **10. Patents generated**

Dr. R. Balagurunathan, Department of Microbiology has filed a patent for the research on Anti Tuberculosis and HIV antibiotic. Probably, this is first of its kind in antibiotics which is effective against both TB and HIV. Application number: 247/DEL/2011 dated 02-02-2011.

Dr. P. Indra Arulselvi, Department of Biotechnology has been granted patent for her research on Insecticidal activity by the Chimeric BTC. Patent No. IN24427 date 10-12-2010 Journal No. 50/2010.

### **11. New Collaborative Research programmes**

#### **Dept. of Commerce**

The Department will collaborate with Consumer Protection Council for developing Consumer Awareness Programmes and with Tally Solutions Private Ltd for training and Placement for PG Students

**12. Research grants received from various agencies:**

<b>Title of the Project</b>	<b>Name of the Funding Agency with full address</b>	<b>Name of the Project Holder &amp; Department</b>	<b>Sanctioned Amount</b>
<b>Department of Biotechnology</b>			
Studies on molecular taxonomy and phylogeny of marine zooplankton (calanoida; Arthropoda) from the Tamilnadu and Puducherry coast	UGC, New Delhi	Dr. P. Perumal	Rs. 8,79,800/-
Development of an efficient Protocol for Invitro clonal Propagation and DNA finger Printing Analysis of Selected Endangered medicinal Plants of Conservation concern from South India	UGC, New Delhi	Dr.P.Venkatachalam	Rs.11,31,800/-
Screening of anti-microbial and insecticidal activity of selected medicinal plants from eastern ghats of Tamilnadu	UGC, New Delhi	Dr.D.Natarajan	Rs. 6,39,800/-
Waste to-Biofuel Exploration and exploitation of Soil and cassava Waste microbial diversity for enhanced bio-butanol producing novel bacterial Isolate(s)	UGC, New Delhi	Dr.N.Elangovan	Rs. 11,39,300/-
<b>Department of Chemistry</b>			
Tuning the band gap of Titanium dioxide photocatalyst to enhance its activity in sunlight for the application in remediation of polluted environment	UGC, New Delhi	Dr. A.K. Ramasamy	Rs. 5,29,300/-
Transition metal complexes containing quinone derivatives of semicarbazone/thiosemicarbazone: Synthesis, structure and applications	CSIR, New Delhi	Dr.P.Viswanthamurthi	

Fabrication of magnetic and semiconductor nanostructures on aluminum	CSIR, New Delhi	Dr.Raj	Rs. 17,26,000/-
Synthesis, Spectroscopic studies of Binuclear Schiff Base Complexes of cs (ii),Ni(ii) And Vo(iii) and their Applications in DNA Binding,cleavage and antimicrobial Activity	UGC, New Delhi	Dr.R.Rajavel	Rs.5,34,300/-
Development of nano hydroxyapatite coatings for Biomedical applications	TNSCST, Chennai	Dr. D. Gopi	Rs. 1,61,000/-
Development of Nano hydroxyapatite Coatings for orthopedic application	DST, New Delhi	Dr. D. Gopi	Rs. 6,15,000/-
A facile and versatile approach for the development of hybrid nanohydroxy apatite synthesis, structure refinement and its coating for biomedical application	ICMR, New Delhi	Dr. D. Gopi	Rs. 21,00,876/-
To determine the phenolics and flavonoids contents and their free radical scavenging effects in cassia fistula flower extracts	UGC, New Delhi	Dr. V. Sujatha	Rs. 1,72,000/-
<b>Department of Commerce</b>			
Waste management – An inter disciplinary post consumption methane reduction project in select ward of Salem District, Tamilnadu – A holistic behavioural approach	UGC, New Delhi	Dr. A. Elangovan	Rs. 3,88,700/-
<b>Department of Computer Science</b>			
Motif detection in protein sequences using data mining”	UGC, New Delhi	Dr.K.Thangavel	Rs. 7,46,800/-
<b>Department of Microbiology</b>			
Potential antidouling compound from marine actinomyceter	UGC, New Delhi	Dr.R.Balagurnathan	Rs. 9,69,800/-
Prototype development and bioreactor designing for labscale treatment of ground water and soil containg No 3.	UGC, New Delhi	Dr.P.M.Ayyasamy	Rs.10,30,300/-

Combined approaches on Acetyl CoA carboxylase activity for enhanced lipid production in microalgae	DST, New Delhi	Dr. R. Dhandapani	Rs. 16,11,000/-
<b>Department of Food Science</b>			
Invitro and vivo Glycemic Response of various medicinal Plants among Indian Type II Diabetic Population	RSSDI Project, New Delhi	Dr.P.Nazni	Rs. 4,70,000/-
Breakfast and yoga patterns and its impact on Nutritional status, Academic performance and personality traits of South Indian adolescents (13-18 years)	UGC, New Delhi	Dr.P.Nazni	Rs. 9,56,000/-
Nutri Ball Supplimentation and its Impact on Nutritional Affective and Health Among South Indian Senior Citizens	DST, New Delhi	Dr.P.Nazni	Rs. 7,92,500/-
Development and evaluation of nutria- composite bar as breakfast supplement for mid day meal beneficiaries and its technology transfer	UGC, New Delhi	Dr. T. Poongodi Vijaya kumar	Rs. 8,91,200/-
<b>Department of Physics</b>			
Non- Linear optical crystals for Terahertz generation	DRDO, New Delhi	Prof.V.Krishna kumar	Rs. 14,98,000/-
Nanocomposite materials for optical applications	UGC, New Delhi	Prof.V.Krishna kumar	Rs. 10,47,800/-
Design of High energetic materials : A Combined molecular modeling and Electric dinesity analysis Approach	DRDO Armanent, New Delhi	Dr.P.Kumaradhas	Rs.22,75,000/-
Design of mono propellant molecules via high resolution X-may diffraction and charge density analysis	UGC, New Delhi	Dr.P.Kumaradhas	Rs. 3,71,800/-
Design optical study and light trapping scheme of Low Order Aberration Micro lens for Micromachined Silicon Solar Cells	UGC, New Delhi	Dr. P.M. Anbarasan	Rs. 10,19,800/-

ESR dating on archaeological samples recently excavated in South India	UGC, New Delhi	Dr. G. Velraj	Rs. 4,27,800/-
Soliton dynamics in spin ladder systems	UGC, New Delhi	Dr.L.Kavitha	Rs. 4,82,000/-
Soliton dynamics in homogeneous magnetic media	BRNS	Dr.L.Kavitha	Rs. 9,91,000/-
<b>Periyar Institute of Management Studies (PRIMS)</b>			
To study on the problems faced by the women entrepreneurs in Tamilnadu	UGC, New Delhi	Dr. V. R. Palanivelu	Rs. 4,77,200/-
A study on problems and practices in procurement marketing of milk and milk products in Salem District)	UGC, New Delhi	Dr. R. Subramaniya Bharathy	Rs. 5,10,200/-
<b>Department of Journalism and Mass Communication</b>			
The reach and use of Social Media among the University Students of Tamilnadu	ICSSR, New Delhi	Dr. R. Subramani	Rs.1,59,100/-
<b>Department of Tamil</b>			
A social cultural study of the malayali tribals in the pala hills of Salem district of Tamilnadu	UGC, New Delhi	Dr. V. Ramaraja pandian	Rs. 5,60,200/-



**13. Details of research scholars : 251****14. Citation index of faculty members and impact factor:**

- Science faculty member normally publish their research papers in reputed international journals with high impact factor.

**15. Honors/Awards to the faculty**

Sl.No	Name of the Department	Year	Names of Prestigious Awards received by the Faculty
1.	Economics	2010-11	Best Teacher Award (Foundation for Entrepreneurship Development, Chennai) <b>(Dr.S.Rajendran)</b>
2.	Food Science	2010-11	Young Investigator Award, 2011 International college of Nutrition Canada. <b>(Dr.P.Nazni)</b>
3.	Periyar Institute of Management Studies (PRIMS)	2010-11	<b>1.</b> ”Accredited Management Professor”, awarded by All India Management Association, New Delhi. <b>(Dr.N.Rajendhiran)</b> <b>2.</b> ”Bharat Vidya Shironmani Award”, Indian Solidarity Council, New Delhi. <b>(Dr.N.Rajendhiran)</b> <b>3.</b> ”Eminent Educationist Award”, International Institute of Educational & Management, New Delhi. <b>(Dr.N.Rajendhiran)</b> <b>4.</b> Best YRC Zonal Coordinator Award <b>(Dr.P.Thirumoorthi)</b>
4.	Bio-Technology	2010-11	Talented Biotechnologist Award <b>(Dr.P.Venkatachalam)</b> ASBP – Travel award <b>(Dr.P.Venkatachalam)</b>
5.	Microbiology	2010-11	Best Teacher award 2010 <b>(Dr.R.Balagurunathan)</b>
6.	Sociology	2010-11	Seva-Rathna award Best Teacher award <b>(Dr.C.Venkatachalam)</b>

## 16. Internal resources generated

Sl.No	Particulars	Amount
1.	Examination Fees from Students	21,72,34,957.00
2.	Other receipts	15,73,773.00

## 17. Details of Departments getting assistance/recognition under SAP, NON-SAP, DST, FIST.

2010-2011

Sl.No	Department	Name of the Funding Agency	Project Name	Project Holder	Project Sanctioned Amount
1	Chemistry	UGC	To Determine	Dr. V.Sujatha	172,000
2		CSIR	Student Project	M.Mubarak Ali	255,080
3		DST	National Seminar on Frontiers	Dr.A.Lalitha	50,000
4		CSIR	Transition Metal.Applications	Dr.P.Viswanathamurthy	470,576
5		UGC	Tuning the band gap of--- Polluted environment	Dr.A.K.Ramasamy	529,300
6		ICMR	A Facile and versatile approach.. Application	Dr.D.Gopi	2,880,192
7	Food Science	TNSCST	Student Project	Dr.P.Nazni	6,000
8		DST	Nutriball ...citizens	Dr.P.Nazni	792,500
9		DST	International Conference	Dr.P.Nazni	74,757
10		DST	Conference	Dr.P.Nazni	75,000
11		DBT	Conference	Dr.P.Nazni	75,000
12		TNSCST	Conference	Dr.P.Nazni	20,000
13		DRDO	Conference	Dr.P.Nazni	40,000
14		TANCHE	Conference	Dr.P.Nazni	20,000
15		TNSCST	Population Sciences.. Conference	Dr.P.Nazni	20,000
16		CICS	Conference	Dr.R.Parimalavalli	10,000
17		TANCHE	Seminar	Dr.P.Nazni	20,000
18		TNSCST	Student Project	M.Elakya	6,000
19		TNSCST	Student Project	V.Jumana	6,000
20		TNSCST	Student Project	A.Jeeva	6,000
21		TNSCST	Student Project	G.Rahini	6,000
22	Geology	DST	Geological .."LANDSLIDE"	Dr.S.Anbazhan	1,163,000
23	Physics	DST	Fist Programme	Dr. V.Krishnakumar	4,900,000
24		DST	Programme on Archeological	A.Mohammed Musthafa	41,924
25		DAE	Solution .... Media	Dr.L.Kavitha	991,000
26		ICAPM	Student Project	C.Roumana	44,748
27		CSIR	Student Project	S.Paulraj	255,080

28		CSIR	Student Project	P.Kanchana	255,080
29		CSIR	Student Project	A.Mohammed Musthafa	255,080
30		DST	Conference... pittcon	Dr.G.Velraj	76,450
31		BRNS	Solution... Media	Dr.L.Kavitha	991,000
32		CSIR	Student Project	Guru Prasad	255,080
33		CSIR	Student Project	Sathish Kumar	255,080
34		UGC	NANO Applications	Dr.V.Krishnakumar	1,047,800
35	Biochemistry	DST	Inspire fellowship	G.M.Keerthana	375,600
36		DST	Inspire fellowship	K.Poonkuzhali	375,600
37		TNSCST	Student Project	C.Muniyappan	6,000
38	Commerce	UGC	Wasted Management. Approach	Dr.A.Elangovan	388,700
39	Tamil	UGC	A Social cultural study..Tamilnadu	Dr.RamarajaPadiyan	560,200
40	PRIMS	UGC	To study on the problems..TN	Dr.V.R.Palanivelu	477,200
41		UGC	To study on the problems..Salem Dt	Dr.R.Subramania Bharathi	510,200
42	Computer Science	TNSCST	YSSP Programme	Prof.K.Thangavel	220,000
43	Microbiology	TNSCST	Symposium...	Dr.R.Balagurunathan	20,000
44		CSIR	Recent trends..	Dr.R.Balagurunathan	20,000
45		DRDO	Recent trends	Dr.R.Balagurunathan	35,000
46	Biotechnology	UGC	Studies...Coast	Dr.P.Perumal	879,800
47		DST	Inspire fellowship	R.Ramkumar	375,600
48		TNSCST	Student Project	A.Anusuya,V.Priyanka, R.Sowmya	6,000
49	JMC	UGC	The Role of communication..Salem	Dr.M.Anuradha	528,100
50		UGC	Capacity Building of women.. Higher education	Dr.M.Anuradha	532,675
				<b>Total</b>	<b>21,376,402</b>

**18. Community services :**

Extension Activities

<b>Programme Coordinator</b>	<b>Programme</b>	<b>Place</b>	<b>Period</b>	<b>Beneficiaries</b>
<b>Department of Biotechnology</b>				
Dr. M. S. Shivakumar, Asst. Professor	Resource person for “Young Student Scientist Programme” (TNSCST)	Periyar University	03-05-2010 to 22-05-2010 & 02-05-2011 to 21-05-2011.	Students
<b>Department of Commerce</b>				
Dr. A. Vinayagamoorthi	Public Awareness Programme	Jolarpettai	From 2009	General Public
<b>Department of Computer Science</b>				
Dr. K. Thangavel, Prof. & Head	YSSP	Periyar University	2 to 21-5-2011	9 <sup>th</sup> Standard Students
Mr. S. Sathish, Asst. Prof.	YSSP	Periyar University	2 to 21-5-2011	9 <sup>th</sup> Standard Students
Mrs.H.Hannah Inbarani, Asst. Professor	Gavanagam	Periyar University	08-07-2010	Periyar University students
	Anemia Awareness Programme	Periyar University	31-3-2010	Periyar University students
	Anemia Awareness Programme	Periyar University College of Arts & Science, Mettur	01-04-2010	Students

<b>Department of Education</b>				
Dr. K. Nirmala, Prof & Head, Dept. of Education, Periyar University	Training on rehabilitation centre, SRKV College of Education	SRMV College of Education, SRKV College of Education	26 <sup>th</sup> Nov 2010	2010-11 students of M.Ed. and M.Phil in Department of Education, Periyar University, Salem – 11.
<b>Department of English</b>				
Thiru. U. Sundararajan Co-ordinator	Conduct of PRIDE Examinations	Periyar University	Oct 2011	Students
Thiru. U. Sundararajan Madras English Association Treasurer	Conduct of Literary meetings and seminars	Chennai	2011	Students
Dr.V. Sangeetha, Convenor, Women's Welfare Centre	Gavanagam	Periyar University	8-7-2010	PG, M.Phil, Ph.D., Students, Teaching, Non Teaching Staff
Dr.V. Sangeetha, Convenor, Women's Welfare Centre	Awareness Programme on Women and Right	Periyar University	15-10-2010	PG, M.Phil, Ph.D. students, Women Teaching and Non teaching staff, other women employees
Dr.V. Sangeetha, Stock Verification Officer	Internal Auditing	Periyar University	25-8-2010	Dept. of Education
Dr.V. Sangeetha, Convenor, Ph.D. Viva Voce Examination – External Examiner	Ph.D. Viva	Manonmaniam Sundaranar University, Tirunelveli	30-08-2010	Mrs. Sidney Shirley
Dr.V. Sangeetha, Member, Reception Committee	Mupperum Vizha	Periyar University	01,02,03 Dec 2010	Students
Dr.V. Sangeetha, Convenor, Floral Interior Decoration	10 <sup>th</sup> Convocation	Periyar University	28 Feb 2011	PU Degree holders
Mrs. B.J. Geetha Reception Committee	10 <sup>th</sup> Convocation	Periyar Universtiy	28 Feb 2011	PU Degree holders

Mrs. K. Sindhu, Member, Reception Committee	10 <sup>th</sup> Convocation	Periyar Universtiy	28 Feb 2011	PU Degree holders
Mrs. K. Sindhu, Additional Chief Superintendent, University Examinations	Affiliated University Examinations	Selvamm College, Namakkal	1 April – 9 May 2011	All UG – PG Degrees
Mrs. K. Sindhu, PG Project Viva External Examiner	PG	Vivekanandha College of Arts & Sciences for Women	June 13, 2011	PG final year students

<b>Department of Food Science</b>				
Dr.P.Nazni	Community Nutrition camp - sangeetha patti village	Sangeethapatti	23.01.11 to 28.01.11	Village people and students
Dr. T. Poongodi Vijayakumar (Organizing Committee member)	Gavanagam Programme	Women's Welfare Centre, Periyar University, Salem	8-7-2010	Students of Periyar University
Dr. T. Poongodi Vijayakumar (Organizing Committee member)	One day awareness programme on "Women and their rights"	Women's Welfare Centre, Periyar University, Salem	15-10-2010	Girls students of Periyar University
Dr. T. Poongodi Vijayakumar	Dissemination of Innovative Technology Programme entitled "Training on food preservation and processing" to SHG women funded by TNSCST, Chennai	Dept. of Food Science, Periyar University, Salem	22-10-10 to 29-10-10	Self help Groups

<b>Department of Mathematics</b>				
Dr.C. Selvaraj, Prof. & Head Co-ordinator	IAS / IPS Free Coaching Classes	Periyar University	Sep '10 – June' 2011	50 Students in Periyar University.
Dr. A. Muthusamy, Professor	N.S.S and R.R.C	1. Child Marriage Awareness Rally.	Krishnangiri	15.07.2011. College student and common Public.

		2. Pre-Republic Day selection.	Periyar University	Sep.14, 2011.	Affiliated College students.
		3. Job opportunity Awareness meeting: By Air Force officers, Bangalore.	Periyar University	Oct.20, 2011.	PG, M.Phil, Ph.D. students of Periyar University.
	University Nodal officer for UGC	Orientation programme to college nodal officers.	Periyar University	Dec.13, 2011.	Nodal Officers from affiliated college of Periyar University.

<b>Department of Microbiology</b>					
Dr. N.Hemalatha, Asst. Professor (Secretary, DNA Club)	Microbiology Awareness Programme	Cluny Matriculation Higher Sec. School		02.07.2011	6 <sup>th</sup> to 11 <sup>th</sup> std Students

<b>Department of Physics</b>					
Dr. P. Kumaradhas, Co-ordinator, CIMF	UGC XI Plan	Periyar University		15.3.2011 to date	Faculties and Students
Dr. G. Velraj	NSS	Shangithappatty		From 08-03-2011 to 14-03-2011	NSS volunteer and Adopted Village people

<b>Periyar Institute of Management Studies</b>					
Dr.N.Rajendhiran	Entrepreneurship Development Centre	Periyar University		2010 to till date	Micro, Small & Medium Scale Entrepreneurs
Dr.V.R.Palanivelu	Periyar University Alumni Association	Periyar University		2011	Old students of Periyar University Departments
Dr.P.Thirumoorthi YRC Coordinator i/c	YRC	Periyar University		Till date	Periyar University & Affiliated Colleges

Dr.R.Subramaniya Bharathy NSS Unit I – Programme Officer RRC Unit I – Programme Officer	NSS, RRC	Periyar University	Till date	Periyar University Departments
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<b>Department of Sociology</b>				
Dr. C. Venkatachalam	Village adoption Scheme – Distribution of free computers	Periyar University, Salem	13 <sup>th</sup> Oct 2010	Rural masses
Dr. C. Venkatachalam	World’s Women’s Day	Kaveripakkam, Krishnagiri Dt	8 <sup>th</sup> March 2011	Self Help Group Women



**19. Teachers and officers newly recruited:** NIL

**20. Teaching – Non-teaching staff ratio:** 2 : 1

**21. Improvements in the library services**

Periyar University Library is functioning with 50020 volumes of books, 1982 back volumes, 1618 Ph.D and M.Phil. Theses, 1355 CDs and 806 reports. The Library is subscribing 194 periodicals and 11 Newspapers. Library is an Institutional membership of Developing Library Network (DELNET), New Delhi for getting books, research articles on Inter-Library Loan (ILL) basis. ERIC Database is available from 1992 onwards, which is very useful to research in education UGC-Info net digital library is going to function very shortly with 2mbps leased line. It is proposed to subscribe more periodical (both soft and hard copy) for various disciplines.

**22. New books/journals subscribed and their value**

**Annual Library Budget [Books]:**

S.No.	Year	Annual Library Budget [Lakhs]			
		University Fund		UGC Fund	
		Allotment	Spent	Allotment	Spent
1.	2010 – 2011	49.00	27.43	24.70	24.70

**Annual Library Budget [Journals]:**

S.No.	Year	Annual Library Budget [Lakhs]			
		Journals		Online Journals	
		Allotment	Spent	Allotment	Spent
1.	2010 – 2011	10.00	8.79	10.00	3.52

**Number of books added during the year**

S.No	Year	Books
1.	2010 – 2011	6,046

**23. Courses in which student assessment of teachers is introduced and the action taken on student feedback**

In all the University departments students feedback were obtained at the end of the academic year

## **24. Feedback from stakeholders**

Vice-Chancellor met the Secretaries and Affiliated College Principals and Heads of the University Departments periodically in connection with academic review and discussing possible alternatives.

## **25. Unit cost of education: Approx 6000**

## **26. Computerization of administration and the process of admissions and examination results, issue of certificates**

### **Administration of the University**

The Vice-Chancellor shall be the academic head and the Principal executive officer of the University. The authorities of the University shall be the Senate, the Syndicate, the standing committee on Academic Affairs, the Faculties, the Board of Studies, the Finance Committee, the Planning Board and such other authorities as may be declared by the statutes to be the authorities of the University.

### **Examinations**

All University examinations are conducted under both semester and non-semester patterns adopting the approved procedure and accuracy. Xerox copy of the answer papers are given to the students on request after payment of rates fixed from time to time. Necessary arrangements have been made on scientific basis to avoid malpractices and errors in the conduct of examination in the mark sheets and in the certificate of the students. The results are published in the website of the University besides publishing in the respective colleges.

## **27. Increase in the infrastructural facilities**

1. Laboratories for research scholars were established with the help of fellow faculty members.
2. Purchase major equipments in physics and other Departments.
3. UGC has sanctioned Rs.10 lakhs under Non-SAP programme for the year 2010-2011 in Mathematics Department.

## **28. Technology upgradation**

The Departments and Library are likely to be linked with OFC for effective usage of the resources.

A Separate Website has been launched this year for the benefit of students and study centers. The office of the PRIDE has been completely automated for its effective functioning.

## **29. Computer and internet access and training to teachers, non-teaching staff and students**

1. Students have used internet facilities in the library.
2. All the teachers were provided to computer facility at the department level.

## **30. Financial aid to Students :**

URF Stipend to Research Scholar Rs.20.42Lakhs

## **31. Activities and support from the Alumni Association**

### **PERIYAR UNIVERSITY ALUMNI ASSOCIATION (PUAA)**

Periyar University inaugurated the Alumni Association on 04.11.2011 at Periyar Auditorium, Periyar University, Salem. **Dr.P. Mathaiyan** delivered the Welcome Address of the Function.

The presidential address was delivered by Honorable Vice – Chancellor of Periyar University **Prof.Dr.K. MUTHUCHELIAN**. He added in his speech Alumni Function is not an ordinary function it involves sharing the knowledge and ideas of different set of students. In addition he informed the senior students to create employment opportunity for their junior. **Prof.Dr.A. RAMANATHAN**, Vice Chancellor of Annamalai University delivering the inaugural address, in his speech mainly focused in “**PERIYAR POLICIES**” and added that the guidance of Alumni Association students for the current students is very much important for improving them. It is good opportunity to meet their old friend / students. While doing business taking calculated risk will increase “motivation level”.

The Felicitation Address was delivered by the following honourable Syndicate Members. **Prof. Dr.G. Kunasekaran**, Director, PRIDE, **Prof.S. Palaniyandi**,

**Dr.V. Rajavel, Dr.V. Murthi and Dr.G. Manimekalai** and she delivered the motivational speech for the Alumni of Periyar University.

In addition the old student's association official members delivered the speech like **Dr.P.S. Sivakkumar**, Treasurer of PUAA and Assistant Professor in Economics, M.G.R. College, Hosur, **R. Elavarasan**, Research Scholar of Commerce and **S.Manimekalai**, Research Scholar of Management Studies in the function. **Dr.V.R. Palanivelu**, Co-ordinator of PUAA and Reader, Department of Management Studies (PRIMS) delivered the vote of thanks on that occasion.

### **32. Activities and support from the Parent-teacher Association**

All the Department conduct Parent Teacher meet on the first day of the programme in the academic year and various issues related to the teaching programmes and student are discussed.

### **33. Health Services**

Women's welfare Centre conducted a programme "Gavanagam" for improving the memory power, concentration, creativity and mathematical ability on 08.07.2010 for the students, teaching and non-teaching staff of Periyar University.

### **34. Performance in sports activities**

Number of Tournaments Organized: Inter-University Level : Nil  
Inter-Collegiate Levels : 29

Number of Coaching Campus Organized: 10

Number of Teams Participated in Inter University Tournaments : 22 Teams

#### **Achievements:**

- Periyar University Power Lifting (Women) teams secured Gold Medal in all India Inter University Competition held at Kannur University, Kannur (KL)
- Periyar University Athletic (Women) Team secured Silver Medals in All India Inter-University Athletic Meet 2010-2011

- Periyar University Power Lifting (Women) teams secured Bronze Medal in All India Inter University Competition held at Kannur University, Kannur (KL)
- Periyar University Football (Women) Team placed as Third in south West Zone Inter-University Football (Women) Tournament held at Jiwaji Univeristy, Gwalior (MP)

### **35. Incentives to outstanding sports persons**

In order to provide incentives to sports persons new eligibility criterion for admission to PG courses in Colleges/University Departments were evolved and approved by Syndicate.

### **36. Student achievements and awards**

- 10 Scholars were joined JRF/SRF fellowship Ph.D in various topics
- University First Rank Gold Medalist Details

A total of 107 candidates have been awarded University First Rank medals in the year 2010-2011 and the details are furnished below:

#### **Affiliated Colleges and University Department Students**

1. Under Graduate Candidates	-	29
2. Post Graduate Candidates	-	28
3. Master of Philosophy Candidates	-	17
<b>4. University Departments</b>		
a) Post Graduate Candidates	-	16
b) Master of Philosophy Candidates	-	17
	<b>Total</b>	<b>107</b>
1. Doctor of Philosophy Candidates	-	50
2. IN-ABSENTIA Candidates	-	33,237
3. No. of Endowment Medals	-	17

### Degrees Awarded in Each Branch – (2010 – 2011)

1. Master of Philosophy	-	1,157
2. U.G. Arts	-	4,797
3. U.G. Science	-	13,073
4. P.G. Arts	-	972
5. P.G. Science	-	2,800
6. P.G. Engineering	-	1
7. U.G. Education	-	7
8. P.G. Education	-	40
9. U.G. Commerce	-	6,459
10.P.G. Commerce	-	675
11.U.G. Management	-	2,182
12.P.G. Management	-	1,181
<b>Total</b>	-	<b>33,394</b>

**Total Number of Candidates – 33,394**

**37. Activities of the Guidance and Counselling unit: NIL**

**38. Placement services provided to students**

#### List of programs

S. No	Programs/Events	Dates	Place	Remarks
1	Periyar University-TCS IT Campus Recruitment Drive	29&30 September2010	Vivekanandha college of Arts and Science for Women, Tiruchengode	About 3500 candidates Participated <b>88</b> Candidates were Selected
2	Training of Placement Officers &Teachers for Placement Drive in 2010-11 (Experts from TCS & Bharathiyar University etc., Conducted the Training)	8 to 10 October 2010	M.G.R.College, Hosur	120 Faculty Members &Placement Officers of Affiliated Colleges of Periyar University were trained
3	Periyar University-TCS BPO Campus Recruitment Drive	18 & 19 Dec2010	Jairam Arts and Science College, Salem	About 3500 candidates Participated <b>327</b> candidates were selected
4	Employability Improvement Training Program for SC/ST Youth	25 Dec2010	Periyar University Campus, Salem	150 Students from Affiliated Colleges and university Departments Participated
5	Employability Improvement Training Test & Interview for SC/ST Youth	5 &6 Feb 2011	Periyar University Campus, Salem	About 80 Candidates participated. <b>15</b> candidates were selected.

6	Special Lecturer by on “Thought on Building Career”r by Dr. PTR.P.Thiagarajan Managing Director, Standard Chartered Bank,USA.	14 Feb2011	Periyar University Campus, Salem	Placement Officers &Faculty members and students of MBA, M.Com, M.A Economics University Departments & Affiliated Colleges Participated (150)
7	Employability Improvement Training Program for SC/ST Youth	28 May2011 to 23 June2011	Periyar University Campus, Salem	100 Students from Affiliated Colleges and University Department Participated
8	TCS –Selected Candidate Initial Learning Program(ILP)-Batch-I &II	6 June2011 to 29 June2011	Periyar University Campus, Salem	65 Students were given ILP Training
9	Employability Improvement Training Test & Interview for SC/ST Youth	23 june2011	Periyar University Campus, Salem	About 100 candidates participated <b>10</b> candidates were Selected
10	TCS –Selected Candidate - Initial Learning Program Batch-I &II – Graduation Day	28 June 2011	Periyar University Campus, Salem	65 TCS-ILP Trainees, Placement Officers, Parents, University Professors , Press, Media Persons Participated
11	TCS –Selected Candidate Initial Learning Program(ILP)-Batch-III &IV	11 July2011 to 3 Aug 2011	Periyar University & Jairam College	65 Students were given ILP Training
12	Employability Improvement Training Program for SC/ST Youth (28 May2011 to23 June2011 Batch)	17July 2011	Periyar university & Trichy Bharathithasan University	<b>9</b> Students Participated <b>9</b> Students are Selected
13	Career Guidance Program(CGP)-2011 (Experts from Bharathiyar University etc., Conducted the Training)	29 July 2011	Periyar University Senate Hall & Science Block-I	Placement Officers &Faculty members and P.G. students of University Departments & Affiliated Colleges Participated (700nos)
14	TCS –Selected Candidate Initial Learning Program(ILP)-Batch-V &VI	01Aug 2011 to 23 Aug 2011	Periyar University & Vivekanantha Arts and Science College, Tiruchengode	40 Students were given ILP Training
15	Employability Improvement Training Program for SC/ST /Weaker sections Youth -TCS	30August to 22 September	Periyar University Campus	50 Students from Affiliated Colleges and Placement Officers Participated
16	Employability Improvement Training Test & Interview for SC/ST /Weaker Sections Youth	22 September	Periyar University Campus	21 Students Participated <b>5</b> Students are Selected

17	IT-Finishing School (Training of Placement Officers & Teachers Placement Drive )	20 October to 23 October	Bharathiyar University Campus Coimbatore	Placement Officers & Maths, English Professors Participated 1.MGR College 2.Jairam College 3.Vivekananda College for (W) 4.Govt arts college,Salem-7
18	INDIAN AIR FORCE –Bangalore ( Flying Branch, Technical Branch, Ground Duty Branch) Officers grade-UG,PG Course- Job Vacancy Details & Training	20 October 2011	Periyar University Auditorium	All Departments University Students( <b>500nos</b> ),Govt Engineering College NCC Students( <b>50nos</b> ) Participated
19	Training of teachers and Placement officers (2011-12)	2 Dec2011 To 4 Dec 2011	Vivekanandha College of Arts and Sciences for women Tiruchengode	All College Placement Officers & Maths, English, Other subject teachers(125nos) Participated

### **39. Development programmes for non-teaching staff**

Training programmes were conducted on the use of computer.

Non teaching staff who are interested in pursuing higher qualification through distance education mode and encourage by the Institution.

### **40. Good practices of the institution**

The criteria required for conversion from regular course to Distance Education programme in the same subject were evolved.

### **41. Linkages developed with National/International, academic/ Research bodies**

1. Prof.S.Anbzhagan, Director for the Centre of Geo Informatics and Planetary Studies, Department of Geology is collaborating with ISRO Satellite Centre, Bangalore in Chandrayaan II project and received Rs.12.75 lakhs for the supply of Lunar Soil Stimulant for creation of Rover test bed.
2. Department of Physics has linked an MoU with Advanced Research Centre for Health and Space, ARCHES, Italy on 22.06.2011
3. Department of Computer Science has signed an MoU with Salem Cancer Institute, Salem on 24.10.2011
4. Department of Chemistry has signed an MoU with the Department of Biotechnology, Chonbuk University, South-Korea on 12.07.2011



5. Department of Food Science has signed an MoU with the Department of Medicine, Khoakean University, Thailand on 21.01.211
6. Department of Journalism and Mass Communication has signed an MoU with Salem District Press Club on 13.07.2011

**42. Any other relevant information the institution wishes to add.**

**Nil**

**Section C: out comes achieved by the end of the year (attach separate sheet if required)**

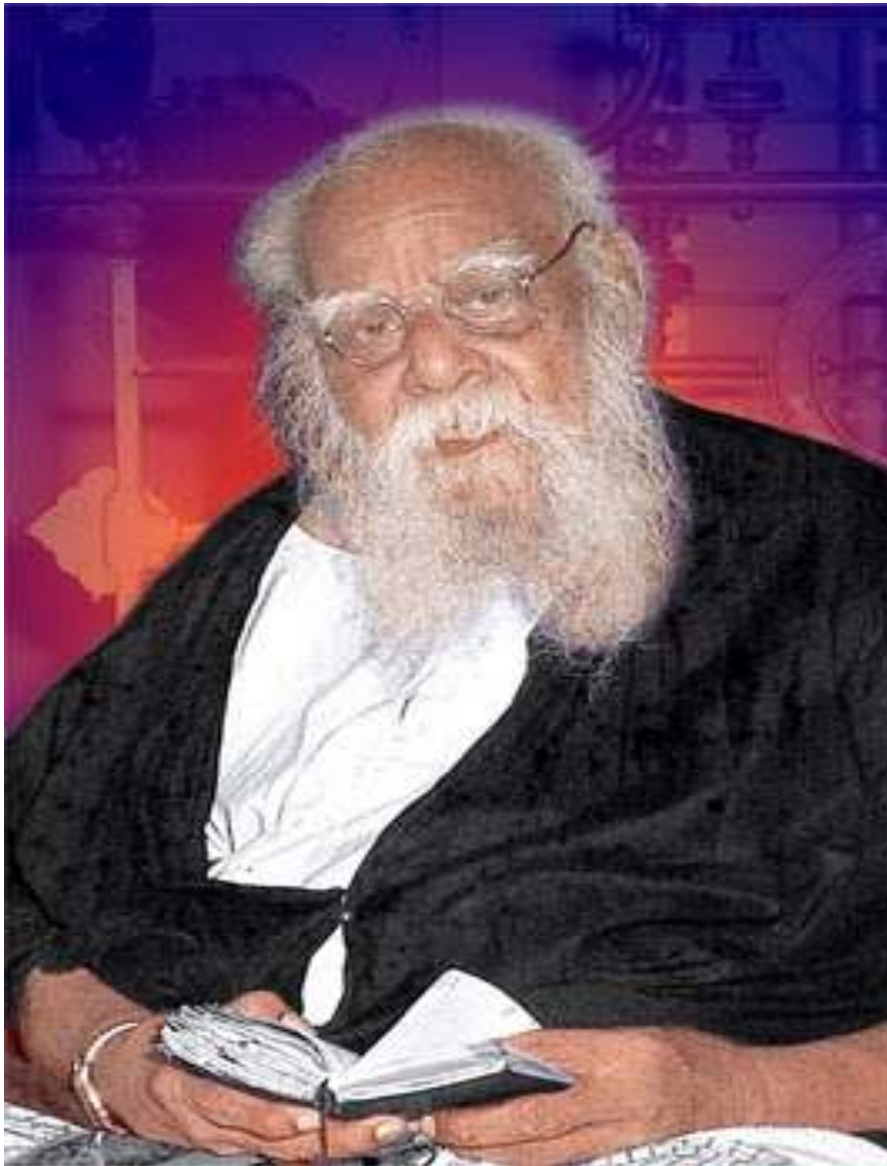
The HOD i/c of the Department Dr. R. Balagurunathan has discovered a new antibiotic named “ **Transitmycin** ”, an effective anti TB antibiotic from Marine Actinobacteria. IT’s the first Indian marine antibiotic and applied for patent. This research was carried out in collaboration with Tuberculosis Research Centre, Chennai and IIT Chennai.

**Section D: Plans of the HEI for the next year**

1. Mathematical Department intends to develop areas related to mathematical aspects of computing Science in all its manifestation. The Department plans to open a full-fledged Computational laboratory with a minimum of 30 computers.
2. Efforts will be made to get funds from various funding agencies to build a good Departmental library since for Mathematics, Library is Laboratory.
3. To obtain funds from various agencies such as UGC/CSIR/NBHM/DST etc through research projects. Proposal for SAP for the department has been sent to UGC and waiting for approval.

*Name & Signature of the  
Director/Coordinator, IQAC*

*Name & Signature of the  
Chairperson, IQAC*



***THANTHAI PERIYAR***  
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