

**AQAR – 2012 - 2013**

**ANNUAL QUALITY ASSURANCE REPORT**  
**2012 – 2013**



**KUNTHAVAI NAACHIYAR GOVERNMENT ARTS COLLEGE FOR WOMEN**

**(AUTONOMOUS)**

**THANJAVUR – 613007, TAMILNADU, INDIA.**

# **INTERNAL QUALITY ASSURANCE REPORT (IQAC)**

## **ANNUAL QUALITY ASSURANCE REPORT FOR THE YEAR 2012-2013**

**SUBMITTED TO NAAC**

**BY**



**KUNTHAVAI NAACHIYAR GOVERNMENT ARTS COLLEGE FOR WOMEN**

**(AUTONOMOUS)**

**THANJAVUR – 613007, TAMILNADU, INDIA.**

<b>Name of the Institution</b>	:	<b>Kunthavai Naachiyar Govt. Arts College for Women(Autonomous), Thanjavur.</b>
<b>Address of the Institution</b>	:	<b>Kunthavai Naachiyar Govt. Arts College for Women(Autonomous), Thanjavur – 613 007 Tamilnadu, India</b>
<b>Website</b>	:	<a href="http://www.kngac.ac.in">www.kngac.ac.in</a>
<b>E-mail</b>	:	<a href="mailto:kngactnloffice@gmail.com">kngactnloffice@gmail.com</a>
<b>Name of the Affiliating University</b>	:	<b>Bharathidasan University, Tiruchirappalli.</b>
<b>Year of Establishment of IQAC</b>	:	<b>121.07.2004</b>
<b>Chair Person of IQAC</b>	:	<b>Dr.P.R.Umarani, M.Sc., M.Phil., M.Ed., Ph.D., Principal, K.N. Govt. Arts College for Women(Auto), Thanjavur – 613007.</b>
<b>Name and Designation of the present IQAC Coordinators</b>	:	<p>1. Dr.S.Lakshmi, Head and Associate Professor of Mathematics E-mail: <a href="mailto:lakshmi291082@yahoo.co.in">lakshmi291082@yahoo.co.in</a> Mobile: 09865839444</p> <p>2. Dr.G.Viji Stella Bai, Head and Associate Professor of Botany. E-mail: <a href="mailto:stellaalocious@yahoo.in">stellaalocious@yahoo.in</a> Mobile: 09487252252</p>
<b>Teacher Representatives</b>	:	<p>1. Dr.G.Vasuki, Associate Professor of Physics.</p> <p>2. Dr.P.Vembarasi, Associate Professor of History.</p>
<b>Local Representatives</b>	:	<p>1. Dr. M.Daniel, Professor and Head, Centre for Non-Linear Dynamics, Chair, School of Physics, NAAC,IQAC Coordinator, Bharathidasan University, Trichy – 620 024.</p> <p>2.Er.Anand Balaji MSc MS[InfoTech] MCP,CCNA,PGDCA Network Engineer, Technical Faculty of IQAC, Computer Section of COE office, Bharathidasan University, Trichy – 620 024.</p> <p>3.S.Venkataraman, CA., Thanjavur</p>

*Lakshmi*  
10/8/13

*S. Venkataraman*  
10.8.2013

Signature of the Coordinators

*P. R. Umarani*  
10.8.13

Signature of the Principal  
Principal, K.N. Govt. Arts College for  
Women(Auto), Thanjavur – 613007.

# INTERNAL QUALITY ASSURANCE CELL

**Name of the Institution** : **KUNDAVAI NAACHIYAAR GOVT. ARTS  
COLLEGE FOR WOMEN (A),  
THANJAVUR – 613007.  
TAMILNADU**

**Principal** : **Dr. P. R. Umarani**

**Years of the Report** : **2012-2013**

## PART-A

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

- To strengthen the infrastructure facilities.
- To insist the Government to recruit the teachers for the vacant positions.
- To enhance the quality of teaching - learning process.
- To stress importance of English as the language of communication in the campus.
- To strengthen the activities and functioning of the Career Guidance and Placement Cell.
- To motivate the faculty members to take up minor and major projects.
- To organize National and International Seminars.
- To conduct seminars to enlighten the faculty with reference to Autonomy.
- To introduce Bridge Course at the beginning of the academic year for students from vernacular medium.
- To offer computer skills for all the I year students.
- To construct a new Science Research Block.
- To start new extension service-Prison Ministry and adoption of new villages by the NSS.
- To prepare for the NAAC Peer Team visit and to orient all the Departments / Research Centres of the college towards re-accreditation.
- To start Research Programme in all Department.
- To conduct an academic audit of departments.
- To promote collaborative research with academic bodies-industries.
- To fulfil Minimum Institutional Requirements (MIR) recommended by NAAC and strengthening the IQAC.

- By using the institutional website.
- To encourage teaching staff to undertake more research projects
- To provide training to both teaching and non teaching staff in the functional use of computers
- To subscribe journals / e-journals
- To provide Internet access to research scholars
- To strengthen the Entrepreneurship Development Cell through IQAC
- To sustain a “green movement” in the college by undertaking projects on environmental management within the campus
  - By creating an Herbal Garden to be managed by the Botany Department
  - By growing flora and fauna within the campus
- To request DCE / Government in filling up exiting vacancies of teaching and non teaching staff
- To increasingly involve stakeholders in the overall development of the college (PTA)
- To improve the existing infrastructure
- To strive towards better student performance in the examinations
- To prepare the students to meet global challenges
- To integrate the activities of the college through the IQAC.

## **PART-B**

### **1. ACTIVITIES REFLECTING THE GOALS AND OBJECTIVES OF THE INSTITUTION:**

The Government Arts College for Women was established in **1966** with the main objective of providing higher education for women in and around Thanjavur. The College was renamed as “Kunthavai Naacchiyaar Govt. Arts College for Women” in memory of the illustrious sister of Raja Raja Chola on the occasion of the 1000<sup>th</sup> anniversary celebration of the coronation of the great king of Thanjavur.

Initially, when the college was started, only Pre-University Courses were offered. Thereafter, in 1969, the college was upgraded by introducing U.G. Courses in History and Chemistry. Later, from 1972 to 1999, the academic activity in the institution progressed in leaps and bounds with the addition of a series of UG Courses such as B.A. in Geography, English Literature, Economics, Tamil Literature, UG Programme in Botany, Zoology, Physics, Mathematics, Computer Science and B. Com Degree Programme.

An impetus for higher education was given when the P.G. Programme in History, English Literature and Economics were introduced in the college during the years 1976, 1981 and 1998 respectively. Apart from these regular programmes, self – financing programme in Economics, Commerce and Tamil Literature were also introduced during the year 1993 – 1994. The UG Statistics course was introduced in 2004-05 as Self Financing and later it was converted to Regular. The PG Courses started under the Self – Financing Scheme in 2004. In 2005 all the self financing programmes were brought under regular stream.

Special Shift System (SSS) was introduced in the year 2006 by the State Government Policy of education with the available infrastructure. Additional sections were introduced in Mathematics, Computer Science and Commerce. Late in 2007, two additional sections were introduced in Physics. B.B.A in retail management has been introduced in 2009.

The college which had a model beginning with just three sections of Pre University Courses in 1966 presently has 14 Departments in the faculties of Arts, Science and Commerce offering 4 U.G. Programmes and 11 P.G. Programmes.

It has faculty strength of 100 members of whom 60 members have acquired PhD degree. In the mean time, the student strength of the college has increased from 260 to 4800. A majority of the students come from rural areas and are first generations learners.

The academic, extra – curricular and extension programme are largely aimed at the personality development under the able leadership of several eminent lady academics who served as principals of this college.

The College, which was originally affiliated to Madras University, came under the jurisdiction of Bharathidasan University since 1982. It is now adjudged as one of the best women's colleges in Tamilnadu by the Directorate of Collegiate Education and stands second among the Government Colleges within the state based on the success rate of the students. It has strong co-curricular and extra – curricular activities.

The development of the college was marked by the immediate requirement of additional land marking in an expansive campus. Then came up gradually the classrooms, laboratories and hostels one after the other, consequent to the steadily swelling students' strength.

The institution reached a milestone in 2000 when NACC team visited and accredited it with Three Star Status. The institution affiliated to Bharathidasan University, Tiruchirappalli has attained autonomous status during the academic year 2004 – 2005. From 2005 onwards the curriculum design and model adopted by the college follows Choice Based Credit System (CBCS) and Semester Pattern. This CBCS Pattern enables the students to enlighten themselves in different fields by choosing the options in the elective courses of their own interest.

The institution has Fourteen under Graduate Programmes and Eleven Post Graduate Programmes in the faculties of Arts, Science and Commerce. The Department of Mathematics, Botany and Economics provide full time / part time research facilities. The academic reputation has already been enhanced by the grant of autonomy and the status of accreditation is an offshoot of academic excellence. Autonomy has provided the academic freedom required to design innovative curricula and use multimedia and modern methods of teaching and evaluation. In other words, it had given a new dimension to the institution: a new mind – set to the teachers and new hope to the students.

The academic profile of the staff of the college is quite impressive. All the 100% of the staff hold M.Phil and 47% of the staff holds Ph.D. The Bharathidasan University recognizes many of the staff members as research supervisors who have subsequently produced Ph.D's and M.Phil's. The faculty together with the principal forms an efficient team that can respond to the ever changing needs of the institution.

We deem it a very rare and proud privilege to keep on records, the academic excellence of our students. The achievements of all departments are notable and good. Many departments have obtained 100% results. In almost all the departments, student secures many ranks and it is really significant as the college caters to the needs especially of the poor the downtrodden from interior villages. In the field of sports also many of our students prove their mettle in many events. They strive hard for excellence. They cherish a true spirit of sportsmanship and it is sustained throughout.

**ACTIVITIES:**

- a. Syllabus revision is done in every 3 years.
- b. Feedback from Alumni towards the late need of the industry.
- c. Soft Skill development to the students by the Internal Staff.
- d. Encouraging the staff members to carry out their research works.
- e. Providing opportunities to faculty members to carry out their research in the University itself and also in the other Universities.
- f. Staff members are encouraged / permitted to participate in International, National Conferences, Seminars and Workshop etc.,
- g. Encouraging faculty members for publishing paper in the national and international journals and for the publication of books.
- h. Encouraging the students to take active participation in NSS (National Service Scheme), YRC (Youth Red Cross) activities.
- i. Students are given chance to participate in the day to day administration activities in the college through various clubs and societies, to improve their leadership personality development and promoting soft skills.
- j. Clean Thanjavur Movement (MSWM - Master of Social Welfare Management) Program is practiced in the college which helps various municipalities, Panchayat in and around Thanjavur for carrying out solid waste management. At present Thanjavur Municipality, Vallam Town Panchayat and Nilgiris Panchayat are the beneficiaries by this movement.
- k. Value Education is given as a part of the curriculum for the first year students of the Under Graduate Courses.
- l. Student's Assembly is conducted weekly one where-in mass prayer through devotional songs 'Thought for the Day', Thirukkural A Day' are readout by students.  
Teachers are committed to the academic improvements and upliftment of the students
- m. They follow tutorial ward system and have a closer contact with students.
- n. Add-on certificate courses, Non-Major Elective Courses, Skill-Based Courses are offered to students to develop their various skills.
- o. Career Guidance and Placement Cell provides training to students on Personality Development and Soft-Skill Development and prepare them with employable skills.



- p. Entrepreneurship Development Cell conducts various programmes with experts drawn from different field of business to cultivate entrepreneurial spirit in students and motivate them to start business of their own.
- q. College has received 10 internet connections through National Mission for Educational Project (NMEICT).

### GOAL:

To be a leading institution of excellence in education and research by providing professional competence to meet the academic, scholastic and societal needs.

### OBJECTIVES:

1. To introduce PG Courses in the left out departments and also job oriented Course like MCA and other applied courses.
2. To introduce M.Phil., Degree Course (English).
3. To introduce some Certificate Courses.
4. To prepare a comprehensive student chapter of rights and responsibilities.
5. To identify, implement, institutionalize, internalize and disseminate best practices in the institution through IQAC.
6. To make computers available in classrooms.
7. To provide quality education, to produce better results.
8. To encourage research activities.
9. To fill up existing vacancies in teaching and non teaching positions.
10. To prepare the students for face global challenges.
11. To conduct English classes for powerful communication and to create self-confidence.
12. To invite subject experts from outside for interaction.
13. To involve more students in community service.
14. To encourage student involvement in sports.
15. To provide effective student counselling and value education-Staff-in Charge.
16. To impart vocational Training to students with assistance of BARD IECD (Institute for Entrepreneurship and Carrier Development) Population Club to address issues on AIDS.
17. To undertake environmental projects on Disaster Management.
18. To make an effective use of the alumni association in the over all development of the institutions.
19. To make an effective use of a PTA in the overall development of the institutions.

## **2. NEW ACADEMIC PROGRAMMES INITIATED (UG AND PG):**

### **New UG Courses were started from the year 2012-13**

- ❖ Six Skill Based Courses are introduced as Part – IV Programme for all UG Programmes.

**SPECIAL SHIFT SYSTEM (SSS)** was introduced in the year 2006 with the available infrastructure by the State Government Policy of education. Additional sections were introduced in Mathematics, Computer Science and Commerce. Late in 2007, two additional sections were introduced in Physics.

## **3. INNOVATIONS IN CURRICULAR DESIGN AND TRANSACTION:**

1. The course materials for Value Education and Environmental Studies have been prepared by the teachers belonging to the concerned department.
2. As per the directions of UGC, all the UG students undergo compulsory courses on Environmental Studies.
3. Add – on courses were started with focus on Skill Development.
4. Curriculum has been framed based on Students Performance and to meet the global scenario.
5. Based on the following factors, the curriculum has been designed:
  - ❖ Academic
  - ❖ Training
  - ❖ Self Development
  - ❖ Employment
  - ❖ Entrepreneurship
  - ❖ Meet the challenges
  - ❖ Good citizen
  - ❖ Social Transformation
  - ❖ Self Motivation
  - ❖ Instil Confidence
  - ❖ Research etc.

## **4. INTERDISCIPLINARY PROGRAMMES STARTED**

NIL

**5. EXAMINATION REFORMS IMPLEMENTED:**

- ✓ Semester Pattern of Examination is introduced.
- ✓ Academic Calendar is prepared and followed by the institution for its various activities like tests, semester examinations and other activities.
- ✓ Instant Examinations is conducted for the unsuccessful candidates within 15 days of publishing the results of the semester examinations and thereby the candidates have the advantage of going with the regular stream without losing semester.
- ✓ Question Paper Scrutiny Committee to scrutinize the question papers before the examinations to avoid (a) out of syllabi questions (b) repetitions of questions (c) typographical errors and to assess the merit and standard of the questions selected in the question papers.
- ✓ From April 2013 onwards double valuation for PG courses are introduced. Internal and External valuation occurred subsequently. H.O.D will be the Chairman for both internal and External Valuation.
- ✓ Moderation for final year students (III UG, II PG – Final semester) is allowed only for two papers.

**6. CANDIDATES QUALIFIED: NET/SLET/GATE etc:**

Department	Name	NET/SLET / GATE
Geography	Kayalvizhi	November 2012
Zoology	P.Nagamani	November 2012
Computer Science	V.Kayalvizhi	October-2012

**7. INITIATIVE TOWARDS FACULTY DEVELOPMENT PROGRAMME:****Refresher Courses:**

Department	Name of the staff	Venue and date
Physics	K.Subha	Academic Staff College, Bharathidasn university Trichy. UGC sponsored Refresher courses in Chemistry. From 20.11.2012 to 10.12.2012
Chemistry	M.Subathra	Academic Staff College, Bharathidasn university Trichy. UGC sponsored Refresher courses in Chemistry. From 20.11.2012 to 10.12.2012
Chemistry	Dr.P.Shanthy	Academic Staff College, Bharathidasn university Trichy. UGC sponsored Refresher courses in Chemistry. From 20.11.2012 to 10.12.2012
English	V.Kavitha	Bharathidasn university Trichy, Critical Theories, 06.09.2012 to 26.09.2012
English	Dr.A.Saburunnisa	Bharathidasn university Trichy, Critical Theories, 06.09.2012 to 26.09.2012

**Special lectures :****Department of Physics**

<b>S.No</b>	<b>Year</b>	<b>Topic</b>	<b>Resource person</b>
1.	2012-2013	“Ozone Applications in Food Industries”	Dr.S.ANANDAKUMAR, Scientist, Indian Institute of Crop Processing Technology, Thanjavur.

**Department of Chemistry**

<b>S.No</b>	<b>Year</b>	<b>Topic</b>	<b>Resource person</b>
1.	2012-2013	1. Pericyclic reactions 2. Instrumental analysis in food quality and testing	<b>Prof. M.Pramaesh</b> Asst. Prof of Chemistry, AVVM Sri Pushpam College, Poondi, 22.01.2013 <b>Scientist S.Kumaravel</b> , IICPT, Thanjavur. On 30.01.2013

**Department of English**

<b>S.No</b>	<b>Year</b>	<b>Topic</b>	<b>Resource person</b>
1.	2012-2013	1. How to Improve Reading Skill 2. Communicative English 3. Phonetics and Pronunciation. 4. Reading Practices 5. Vocabulary and Grammar	<b>Dr.A.Noel Joseph Irudaya Raj</b> , Former.Prof. and Head, Dept.of English, Bharathidasan University, Trichy-620 024. <b>Dr.B.Krishnamurthy</b> , Prof. and Head, Dept.of English, SASTRA UNIVERSITY, Kumbakonam. <b>Dr.R.V.Ram</b> , Prof.of English, SASTRA UNIVERSITY, Kumbakonam. <b>Dr.R.Babu Sivaraja Kirubanithi</b> , Prof.of English, Adithanar College of Arts & Science Thiruchendur. Prof.Selvaraj, Dept. Of English, Rajah’s College of Sanskrit and Tamil Studies, Thiruvaiyaru.

		6. Sentence Pattern	<b>Dr.K.Kumar,</b> Associate Professor of English, Poompohar College, Poompohar.
		7. Metacognitive Learning	<b>Dr.E.Ramganes,</b> Prof. Of Education, Technology, Director of Council for College & Curriculum Development, Bharathidasan University, Trichy-620 024.

### LIST OF PAPERS PRESENTED BY THE FACULTY – 2012-2013:

#### Details of Seminars/Conferences/Workshops attended/paper presented during 2012 -2013:

#### Department Of Mathematics

#### Dr.S.Lakshmi

S.No	Name of the staff	State/National/ International level	Title	College/University Date & year
1	Dr.S.Lakshmi	International Conference on Mathematics and Mahtemtical Sciences	Mathematical Model for finding the Steady State and Transient Behaviour for the Secretion of Vasopressin in Hypertension cases	Serials Publication, New Delhi, August 2012
2	Dr.S.Lakshmi	International Conference on Mathematics and Mahtemtical Sciences	Mathematical Model for the Secretion of Oxytocin, A Mediator of Antistress	Serials Publication, New Delhi, August 2012
3	Dr.S.Lakshmi	International Conference on Mathematics and Mahtemtical Sciences	A Mathematical MDDI Model for Differential Oderliness for the GH Release Process in Human and Animals	Serials Publication, New Delhi, August 2012
4	Dr.S.Lakshmi	International Conference on Mathematics and Mahtemtical Sciences	Mathematical Model for Finding the Secretion of Salivary $\alpha$ -Amylase and Cortisol in Children with Asthma and Healthy Children and also with Chronic Stress.	Serials Publication, New Delhi, August 2012
5	Dr.S.Lakshmi	International Conference on Mathematics and Mahtemtical Sciences	The Mathematical Model for the Secretion of Luteinizing Hormone by using Proportional Hazard Model	Serials Publication, New Delhi, August 2012
6	Dr.S.Lakshmi	International Conference on Mathematics and Mahtemtical Sciences	Mathematical Modeling of Aldesterone Cost Effect Analysis due to Stress	Serials Publication, New Delhi, August 2012

#### Dr.G.Nirmala

S.No	Name of the staff	State/National/ International level	Title	College/University, Date & year
1	Dr.G.NIRMALA	International Conference on Mathematics	Fuzzy Isomorphism Theorems On Composition Of Graphs	Periyar Maniyammai University, Vallam, 2012
2	Dr.G.NIRMALA	International Conference on Mathematics	Application Of Fuzzy	Periyar Maniyammai University, Vallam, 2012

			Propogation Network	
3	Dr.G.NIRMALA	International Conference on Mathematics	Fuzzy Domination Number, Scp	Periyar Maniyammai University, Vallam, 2012
4	Dr.G.NIRMALA	International Conference on Mathematics	Fuzzy Planar Graph Embedded In $S^2$	Periyar Maniyammai University, Vallam, 2012
5	Dr.G.NIRMALA	International Conference on Mathematics	P-Fuzzy Normal Subgroup	Periyar Maniyammai University, Vallam, 2012
6	Dr.G.NIRMALA	International Conference on Mathematics	Fuzzy Rule Based Inference Decision Making Process	Periyar Maniyammai University, Vallam, 2012
7	Dr.G.NIRMALA	International Conference on Mathematics	Application Of Fuzzy Decision Making For The Stable Marriage Problems	Periyar Maniyammai University, Vallam, 2012
8	Dr.G.NIRMALA	International Conference on Mathematics	Fuzzy Algebraic Structures-Applications And Related Problems	Periyar Maniyammai University, Vallam, 2012
9	Dr.G.NIRMALA	International Conference on Mathematics	TSP – A Versatile Modelling Tool	Periyar Maniyammai University, Vallam, 2012
10	Dr.G.NIRMALA	International Conference on Mathematics	Binomial Network To Visualizing A Stochastic Process	Periyar Maniyammai University, Vallam, 2012
11	Dr.G.NIRMALA	International Conference on Mathematics	Fuzzy Domain Number, SCP	Periyar Maniyammai University, Vallam, 2012
12	Dr.G.NIRMALA	International Conference on Mathematics	Uses Of Line Graph	Periyar Maniyammai University, Vallam, 2012
13	Dr.G.NIRMALA	International Conference on Mathematics	Lagrange's Theorem In Fuzzy Approach	Periyar Maniyammai University, Vallam, 2012

**DR.V.VINOBA**

Sl.NO.	Name of the staff	State/National/ International level	Title of the Paper	Place and Date
1	Dr.V.Vinoba	National Level	A Study on South East Corner method in Transportation Problem	The Technological Institute of Textile and Sceices, Birla Cology, Hariyana. 18-08-2012.
2	Dr.V.Vinoba	National Level	A Study on South East Hernor Method	Magna College of Engineering, Chennai. 27-08-2012.

**Department of Chemistry**

S.No	Name of the staff	State/National/ International level	Sponsor Agency	Title of the paper Presented	Place & Date
1.	R.Santhal	National Level Conference on Management and Prevention of Clinical Disorders due to Malnutrition	ICMR	Chemical Analysis On Blue Coloured Clitoria Ternatea Flowers.	Rajah Serfoji Govt.college. Thanjavur, 07 <sup>th</sup> and 8 <sup>th</sup> February, 2013

### Department Of Botany

#### Details of Seminars/Conferences/Workshops attended during 2012 -2013

Name & Designation	Seminar/ Conference/ Regional / State / National / International	Date & Venue
Dr.G.Santhi	National Seminar on current perspectives in biological Science	11 <sup>th</sup> and 12 <sup>th</sup> October 2012 Rajah Serfoji Govt. College Thanjavur
Dr.G.Santhi	National Seminar on Animal transmitted diseases in tropics	26 <sup>th</sup> & 27 <sup>th</sup> Sep 2012 Rajah Serfoji Govt. College Thanjavur
Dr.G.Santhi	State level Seminar on Current affairs in Biological Research	5.10.2012 A.V.V.M. Sri Pushpam College, Poondi
Dr. R.Sagaya Giri	National Seminar on current perspectives in biological Science	11 <sup>th</sup> and 12 <sup>th</sup> October 2012 Rajah Serfoji Govt. College Thanjavur
Dr. R.Sagaya Giri	National Seminar on Animal transmitted diseases in tropics	26 <sup>th</sup> & 27 <sup>th</sup> Sep 2012 Rajah Serfoji Govt. College Thanjavur
Dr. R.Sagaya Giri	State level Seminar on Current affairs in Biological Research	5.10.2012 A.V.V.M. Sri Pushpam College, Poondi
Dr.V.Latha	State level Seminar on Current affairs in Biological Research	5.10.2012 A.V.V.M. Sri Pushpam College, Poondi
Mrs. N.Karthika	State level Seminar on Current affairs in Biological Research	5.10.2012 A.V.V.M. Sri Pushpam College, Poondi
Dr.S.Sivasankari	State level Seminar on Current affairs in Biological Research	5.10.2012 A.V.V.M. Sri Pushpam College, Poondi

## Department Of Tamil

### Details of Seminars/Conferences/Workshops attended during 2012 -2013

Name & Designation	Title of the Paper	Date & Venue
Dr.R.Poongothai	1.Nammazhvar Paadalgalil Iraimai Thathuvam.	Annamalai University, March-2013.
	2.Aasarakovaiyil Vaazhviyal Sinthanaigal	Kumbakonam Govt. Arts College, April-2013
Dr.R.Diravida Rani	1.AraIllakkiyangalil Pengal	Kumbakonam Govt. Arts College, April-2013
Dr.J.Shanthiya	1.Poigai Aazhavarin Irai Unarvu	Annamalai University, March-2013.
	2.Ara Noolgal Katum Arangal	Kanchipuram, February-2013
	3.Kalanthorum Tamil Kavithai	Bharath College, Thanjavur, January-2013.
	4.Abdul Rahmanin Samuga Parvai	Sivakasi, January-2013
	5.Sanga Illakiyathil Marabiyal Kotpadu	Puducheri, January-2013
Dr.M.Anbuselvi	Pasurangal Padum Nanilangal	Annamalai University, March-2013.
Tmt.P.Revathi	Thiruvaimozhiyial Vaazhviyal Neri	Annamalai University, March-2013.
Dr.P.Indra Gandhi	1.Pandaiya Tamilarin Poore Aram	Kumbakonam Govt. Arts College, April-2013.
	2. Thiruvaimozhiyial Vaazhviyal Neri	Annamalai University, March-2013.
Dr.R.Hemalatha	1.Amalanathiparin Iraimatchi	Annamalai University, March-2013.
	2.Pathinen Keelkanaku Noolgaliyal Illaram	Kumbakonam Govt. Arts College, April-2013
Dr.S.Periyanayaki	1.Thirukural Unarthum Irachikal	Kumbakonam Govt. Arts College, April-2013.
	2.Nammazhvarin Kavithiran	Annamalai University, March-2013



Tmt.I.Vembu	1.Seevaga Chintamaniyin Chorporunmaigal	Nagarkovil, January-2013
	2.Vainavathil Iyarkaiyum Iraiynarvum	Annamalai University, March-2013
Dr.P.Thiravidamani	1.Irananapattathey Illvalkai	Kumbakonam Govt. Arts College, April-2013.
	2.Vaivanathil Movar Puratchi	Annamalai University, March-2013
Dr.S.Revathi	1.Kuzhasekararin Samuthaya Sinthanaigal	Annamalai University, March-2013
	2.Anasarakovaiyin Samuthaya Sinthanaigal	Kanchipuram, February-2013
Dr.M.Kannammal	1.Aasarakovaiyil Kanapadum Arakaruthukal	Kanchipuram, February-2013
	2.Perumal Thirumozhi Uraikum Bhakthi Nilai	Annamalai university, March-2013
	3.Tholkappiya Meipadu Vadamozi Rasakotpadu	TamilPozil, April-2013
Dr.K.Lakshmi	Kulasekara Azhavarin Ramayanam	Annamalai University, March-2013.

### Department Of English

#### Details of Seminars/Conferences/Workshops attended during 2012 -2013

<b>Name &amp; Designation</b>	<b>Seminar/ Conference/ Regional / State / National / International</b>	<b>Title of the Paper</b>	<b>Date &amp; Venue</b>
Dr.Rama Priya	International Seminar on New Literature in English	Nostalgia as Affect in Post Colonial Literature	Adithanar College of Arts and Science, Tiruchirapalli, Feb'2013
Mrs.G.Rani	National Level Seminar on Bharathidasan	Bharathidasan as a Social Reformer	Tamil University, Thanjavur, July 013
Mrs.J.E.Mohana	International Seminar on Humanism in Literature	An Advocacy for the Rights of Isolated Women in Margret Atwood's Hand Maid's Tale	Rajah Serfoji Govt. College, Thanjavur, March'2013.
Dr.S.Ramya	International Seminar on Humanism in Literature	Humanism is D.H.Laurence's Women in Love	Rajah Serfoji Govt. College, Thanjavur, March'2013
Mrs.V.Kavitha	International Seminar on Humanism in Literature	Humanism in India	Rajah Serfoji Govt. College, Thanjavur, March'2013

Dr.S.Saburunnisa	International Seminar on Humanism in Literature	Exploring Human Relationship through Humanism in R.K.Narayan's The Guide	Rajah Serfoji Govt. College, Thanjavur, March'2013
Dr.S.S.Nirmala	International Seminar on Humanism in Literature	Human Relationship in Manju Kappoor's Difficult Daughters-A Feminist Perspective	Rajah Serfoji Govt. College, Thanjavur, March'2013
Dr.S.S.Nirmala	National Seminar on Linguistics	Language Gender and Discourse in God of Small Things	Tamil University, Thanjavur. April 2013

### Department Of History

#### Papers Presented by the Faculty:

Name & Designation	Seminar/ Conference/ Regional / State / National / International	Title of the Paper	Date & Venue
Dr.A.Karkuzhali	UGC sponsored National Level Seminar	Bhu-Varaga Swamy Temple Sculptures	ADM College, Nagappattinam, July'2012

### Department Of Commerce

#### Papers Presented by the Faculty:

Sl.no.	Name of the staff	Title of the paper	Place and Date
1.	Ms. P.Muthamil Thirumagal	1.Customer relationship management in Indian Insurance industry  2. Customer relationship management in Tourism sector  3. Work Life Balance and its impact on personal life	Rajah Serfoji Govt. College, Thanjavur, 25 <sup>th</sup> and 26 <sup>th</sup> Feb.2013  Bharath College, Thanjavur, 16 <sup>th</sup> March 2013  Bharathiyar Arts & Science college for women, Attur, 6 <sup>th</sup> March 2013
2.	Ms. S.V. Soundaravalli	1.An overview of ERP in current management scenario	Rajah Serfoji Govt. College, Thanjavur, 25 <sup>th</sup> and 26 <sup>th</sup> March 2013

3.	Dr. J.J.Jeyakumari	<p>1.Challenges faced by women entrepreneurs</p> <p>2. Innovative business applications of e-commerce</p> <p>3.Change - as a natural evolution</p>	<p>Bon Secours college for women, Thanjavur, 30<sup>th</sup> &amp; 31<sup>st</sup> August 2012</p> <p>A.V.V.M Sri Pushpam college, Poondi, 22<sup>nd</sup> Sep.2012</p> <p>Rajah Serfoji college, Thanjavur, 25<sup>th</sup> &amp; 26<sup>th</sup> Feb. 2013</p>
4.	Dr. A. Kanmani Joan of Arch	<p>1. Solid waste management in Chennai - an overview .</p> <p>2. A study on Food inflation in India over the years</p> <p>3. Innovative financing options</p> <p>4. A study on corporate leadership in India</p> <p>5.A study on economic problems faced by Hindustan unilever limited in India</p>	<p>A.V.V.M College, Poondi, 22<sup>nd</sup> Sep.2012</p> <p>Erode arts and science college, 4<sup>th</sup> and 5<sup>th</sup> -Jan 2013</p> <p>Dr.N.G.P Arts and science college, Coimbatore, 8<sup>th</sup> Feb -2013</p> <p>St.Aloysius college, Mangalore. 7<sup>th</sup> &amp; 8<sup>th</sup> Feb. 2013.</p> <p>Jamal Mohamed College, Trichy, 13<sup>th</sup> &amp; 14<sup>th</sup> Feb 2013</p>

		6. A Study on innovative management India	Rajah Serfoji Govt. college, Thanjavur. 25 <sup>th</sup> & 26 <sup>th</sup> Feb 2013
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**Details of Seminars/Conferences/Workshops attended during 2012 -2013**

S.No	NAME	Seminar/ Workshop/	Date/Place
1.	Ms. P. Muthamil Thirumagal	1.Research on Commerce and management studies  2.Empowering facilities to global standards in emerging commerce and management studies	Bharathidasan University, Perambalur 15 <sup>th</sup> & 16 <sup>th</sup> March 2013  Bon secours college, Thanjavur, 22 <sup>nd</sup> & 23 <sup>rd</sup> March 2013
2.	Ms. S.V. Soundaravalli	Research on Commerce and management studies	Bharathidasan University, Perambalur 15 <sup>th</sup> & 16 <sup>th</sup> March 2013
3.	Dr. J.J. Jeyakumari	Research on Commerce and management studies	Bharathidasan University, Perambalur 15 <sup>th</sup> & 16 <sup>th</sup> March 2013
4.	Dr.A.Kanmani Joan of Arch	Research on Commerce and management studies	Bharathidasan University, Perambalur 15 <sup>th</sup> & 16 <sup>th</sup> March 2013
5.	Ms. T.Vasuki	Research on Commerce and management studies	Bharathidasan University, Perambalur 15 <sup>th</sup> & 16 <sup>th</sup> March 2013
6.	Ms.D.Ulagammal	Research on Commerce and management studies	Bharathidasan University, Perambalur 15 <sup>th</sup> & 16 <sup>th</sup> March 2013
7.	Ms. A.Victoria subha	Research on Commerce and management studies	Bharathidasan University, Perambalur 15 <sup>th</sup> & 16 <sup>th</sup> March 2013

8.	Ms. K. Punitha	Research on Commerce and management studies	Bharathidasan University, Perambalur 15 <sup>th</sup> & 16 <sup>th</sup> March 2013
9.	Ms. D.Kowsalya	Research on Commerce and management studies	Bharathidasan University, Perambalur 15 <sup>th</sup> & 16 <sup>th</sup> March 2013
10.	Ms. D. Prema	1.Research on Commerce and management studies	Bharathidasan University, Perambalur 15 <sup>th</sup> & 16 <sup>th</sup> March 2013
11.	Ms. P.Akila	Research on Commerce and management studies	Bharathidasan University, Perambalur 15 <sup>th</sup> & 16 <sup>th</sup> March 2013

### **8. TOTAL NUMBER OF CONFERENCES SEMINARS /WORKSHOPS CONDUCTED:**

#### **Department Of Tamil**

S.No	Nature of the Activity/ Date	Title/ Theme	Beneficiaries
1	Workshop 29 <sup>th</sup> and 30 <sup>th</sup> January-2013	Panmuga Nokkil Tamil Illakkiyam	Students

#### **Department Of BBA**

S.No	Nature of the Activity/ Date	Title/ Theme	Resource Person	Sponsor	Beneficiaries
1	Workshop 17.08.2012	Financial Education	Dr.PL Senthil Financial Trainer, SEBI.	SEBI	Students
2	Seminar 29.01.2013	Scope for MBA	Director, Hallmark School of management	College	Students
3	Seminar 05.03.2012.	Financial Literacy	Mr. Mohammed khan	EDC	Students

## LIST OF PUBLICATION IN JOURNALS 2012 -13

### Department of Mathematics

**Dr.S.Lakshmi**

1. Lakshmi.S Saivaraju.N,Kavitha.N, ‘Mathematical model for inhaled Corticosteroid during long- term treatment in Asthmatic Children’, **International Journal of Mathematical Sciences**,Vol-11,No.1-2, Jan-July2012.
2. S.Lakshmi and I.Christyraj, ‘The three parameter Weibull probability Distribution Model for acute activation of NHE3 by Dexamethasone with SGK1 and requires a functional Glucocorticoid Receptors’, **International Journal of Applied Mathematical Analysis and Applications** , Vol.7, Jan-June 2012, ISSN 0973-3868.
3. S.Lakshmi and R.Karthik, ‘Mathematical model of four secretion Hormones in Healthy male subjects’, **International Journal of Applied Mathematical Analysis and Applications**’, Vol.7, Jan-June 2012, ISSN 0973-3868.
4. S.Lakshmi and B.Geetharani, “Stochastic Model for Increasing Generalise Failure Rate for the Physiological and Psychological Effects of Compassion and Anger”, **Aryabhatta Journal of Mathematics and Informatics**, Volume 4, No.1, pp.151-156, June’2012, ISSN 0975- 7139.
5. S.Lakshmi and B.Geetharani, “Poisson Shock Model for the inhibitory effects of DHEA and Androgens to Breast Cancer in Women’,**Indian Journal of Mathematics and mathematical sciences**, Vol.8, No.1, June2012.
6. S.Lakshmi and R.Balakumar, “A Mathematical Model for the Therapy Effort Function to Determine Stress Effects in terms of Aldosterone for Human Beings”, **The Journal of the Indian Academy of Mathematics**, Volume 34, No.1, pp.61-71, 2012 ISSN 0970-5120.
7. S.Lakshmi and M.Anusuya, “Stochastic Representation of BGTLNB Model for the Effect of Lignocaine on Arginine Vasopressin Level” **Aryabhatta Journal of Mathematics and Informatics**, Volume 4, No.2, pp.253-258, July-Dec’2012, ISSN 0975- 7139.
8. S.Lakshmi and M.Senbagavalli, “Mathematical Model for finding the Steady State and Transient Behaviour for the Secretion of Vasopressin in Hypertension cases”, **International Journal of Mathematical Sciences**,Volume 11, No. 3-4, pp. 393-399, July- Dec’2012, ISSN 0972-754X
9. S.Lakshmi and M.Gayathri, “Mathematical Model for the Secretion of Oxytocin, A Mediator of Antistress”, **International Journal of Mathematical Sciences**,Volume 11, No. 3-4, pp.401-410, July-Dec’2012 ISSN 0972-754X.

10. S.Lakshmi and A.Manickam, "A Mathematical MDDI Model for Differential Oderliness for the GH Release Process in Human and Animals", **International Journal of Mathematical Sciences**, Volume 11, No. 3-4, pp.445-451, July-Dec'2012, ISSN 0972- 754X.
11. S.Lakshmi and N.Saiva Raju and N.Kavitha, "Mathematical Model for Finding the Secretion of Salivary  $\alpha$ -Amylase and Cortisol in Children with Asthma and Healthy Children and also with Chronic Stress", **International Journal of Mathematical Sciences**, Volume 11, No. 3-4, pp.453-461, July-Dec'2012, ISSN 0972- 754X.
12. S.Lakshmi and M.Agalya, "The Mathematical Model for the Secretion of Luteinizing Hormone by using Proportional Hazard Model", **International Journal of Mathematical Sciences**, Volume 11, No. 3-4, pp.463-469, July-Dec'2012, ISSN 0972- 754X.
13. S.Lakshmi and R.Balakumar, "Mathematical Modeling of Aldosterone Cost Effect Analysis due to Stress" **International Journal of Mathematical Sciences**, Volume 11, No. 3-4, pp.475-487, July-Dec'2012, ISSN 0972- 754X.
14. S.Lakshmi and M.Anusuya, "Stochastic Representation of BGTLNB Model for the Effect of Lignocaine on Arginine Vasopressin Level" **Aryabhata Journal of Mathematics and Informatics**, Volume 4, No.2, pp.253-258, July-Dec'2012, ISSN 0975- 7139.
15. S.Lakshmi and A.Manickam, 'Determination of tolerance level of impaired growth hormone secretion of Humans', **International Journal of Engineering Research and Applications** , Vol.3 Issue 2,Jan-Feb 2013, pp.1942-1946.
16. S.Lakshmi and M.Anusuya, ' A Mathematical model for a feedback of stress responsive hormones CRH/AVP in HPA axis due to human stress', **American Journal of Mathematics and Mathematical sciences**, Vol.1, March2013.
17. S.Lakshmi and M.Senbagavalli, 'A New Mathematical model for finding MTBF levels in the active and delivery modes by using the hormone release of Vasopressin, '**International Journal of Engineering Research and Applications**' , Vol.3 Issue 2,March- April 2013, pp.486-491
18. S.Lakshmi and P.Gomathisundari, 'A New Mathematical model for GABA – aminotrasferase in human platelets by Vigabatrín', '**International Journal of Engineering Research and Applications**' , Vol.3 Issue 2,March- April 2013, pp.519-523.
19. S.Lakshmi and M.Senbagavalli, 'Extended Reliability Growth model for the measurement of plasma Arginine Vasopressin in the Newborn', '**American Journal of Mathematics and Mathematical sciences**', Vol.1, March2013.
20. S.Lakshmi and A.Manickam, 'Determination of tolerance level of impaired growth hormone secretion of Humans', **International Journal of Engineering Research and Applications** , Vol.3 Issue 2,Jan-Feb 2013, pp.1942-1946.

21. S.Lakshmi and P.Gomathi Sundari, “ A New Mathematical Model for GABA – aminol transference in human platelets by vibabatrín”, **International Journal of IJERA, vol.3, issue 2, March-April 2013, pp 519-523.**
22. S.Lakshmi and P.Gomathi Sundari, “A New Mathematical Model in Weibull Proportional Hazards Regression using GABA<sub>A</sub>”, **Bulletin of Pure and Applied Sciences Volume 31 E (Math & Stat). Issue (No.1)2012: P.101-107.**
23. S.Lakshmi and P.Gomathi Sundari, “ A New Mathematical Model in Mean Open Time of Recombinant GABA Channels by using the Availability of an R-Out-N System”, **American Jr. of Mathematics and Sciences Vol. 1, No.1, Jan-June 2012.**
24. S.Lakshmi and P.Gomathi Sundari, “A New Mathematical Model for the Secretion of Tiagabine and Vigabatrin on GABA by using the Properties of Reliability Estimation”, **Golden Research Thoughts Vol.1, I issue XI/May-June 2012.**
25. S.Lakshmi and P.Gomathi Sundari, “Mathematical Model by using Mixture Weibull Distribution for finding the combination of GAD65 and GABA for modulation of Spasticity”, **International Journal of Computational and Engineering Research, April-2013.**
26. S.Lakshmi and M.Anusuya, “Stochastic Model by using BGTLNB Distribution for the effect of Elevated Atrial Natriuretic factor for Hypertension”, **American Journal of Mathematics and Mathematical Sciences, Jan-June, 2013.**
27. S.Lakshmi and M.Agalya, “The Mathematical Model on Degradation of Progesterone In Luteal Phase Deficiency Women”, **International Journal of Advance in Mathematics and Mathematical Sciences, Vol. 2, No. 1, January-June 2013, Pp. 11– 18.**
28. S. Lakshmi and G. Sankari, “Hazard Rate Function Of The Distribution Of Stress Induced Anovulation In Women”, **International Journal of Advance in Mathematics and Mathematical Sciences, Vol. 2, No. 1, January-June 2013, Pp. 37– 44**

#### **Dr.G.Nirmala**

1. **G.Nirmala** and M.Vijaya – Strong Fuzzy Graphs On Composition Tensor & Normal Products, Aryabhata Journal of Mathematics and Informatics Vol.2 – 2012,(ISSN)
2. **G.Nirmala** and M.Vijaya – Fuzzy Isomorphism Theorems On Composition Of Graphs, International Journal of Humanities and Sciences PMU – Vol.2 – 2012
3. **G.Nirmala** and M.Vijaya – Fuzzy Graphs On Composition Tensor & Normal Products, International Journal of Scientific and Research Publication. Vol.2 – issue-6, June’2012.



4. **G.Nirmala** and D.R.Kirubaharan – Application Of Network On Real Life Problem, Applied Science Periodical, Vol.15, No- 3, Aug'2013, ISSN – Accepted.
5. **G.Nirmala** and K.Uma Fuzzy P-Median Tree Search Algorithm, International Journal of Humanities and Sciences PMU – 2012
6. **G.Nirmala** and K.Uma- Fuzzy Spanning Tree Flow Equivalent Algorithm, International Journal of Scientific and Research Publication, Vol- 2,Issue-6, Jun'2012.
7. **G.Nirmala** and K.Uma – Fuzzy Shortest Algorithm For Telephone Connection, International Journal of Scientific and Research Publication, Vol-2, Issue-8, August'2012
8. **G.Nirmala** and M.Sheela - Fuzzy Effective Shortest Spanning Tree Algorithm , International Journal of Scientific Transactions in Environment and Technovation Vol-1(2012)
9. **G.Nirmala** and M.Sheela - Fuzzy Domination Number,SCP, International Journal of Humanities and Sciences PMU – Vol-2(2012)
10. **G.Nirmala** and M.Sheela - Global And Factor Domination In Fuzzy Graph, International Journal of Scientific and Research Publications-Vol-2, issue-6-June 2012
11. **G.Nirmala** K.Dhanabal - Fuzzy Planner Graph Embedded In  $S^2$ , International Journal of Humanities and Sciences PMU –2012
12. **G.Nirmala** and S.Priyadharshini - P- Fuzzy Normal Subgroup, International Journal of Humanities and Sciences PMU – 2012
13. **G.Nirmala** and R.Anju - Fuzzy Rule Based Inference Decision Making Process, International Journal of Humanities and Sciences PMU – 2012
14. **G.Nirmala** and K.Dhanabal – Algorithm For Construction Of Self Complementary Fuzzy  $K_{v_1,v_2}$  Graphs - ,Aryabhata International Journal of Mathematics and Informatics – VOL.4 - 2012.
15. **G.Nirmala** and M.Suganthi – Fundamental Theorem Of Homomorphism In Fuzzy Subgroups, International Journal of Scientific Transaction in Environment and Technovation– Sep'2012.
16. **G.Nirmala** and M.Sheela – Fuzzy Effective Spanning Tree, International Journal of Scientific Transaction in Environment and Technovation Sep'2012.
17. **G.Nirmala**, N.Vanitha and S.Jeevitha – Application Of Fuzzy Decision Making For The Stable Marriage Problems, International Journal of Humanities and Sciences PMU – Vol.2 – 2012

18. **G.Nirmala** and N.Sathya – TSP – A Versatile Modelling Tool, International Journal of Humanities and Sciences PMU –Vol.2 - 2012.
19. **G.Nirmala** and B.Sridevi – Binomial Network To Visualizing A Stochastic Process, International Journal of Humanities and Sciences PMU – Vol.2 – 2012.
20. **G.Nirmala** and M.Sheela – Fuzzy Domain Number, SCP, International Journal of Humanities and Sciences PMU – Vol.2 – 2012
21. **G.Nirmala** and S.Suganthi, Fuzzy Sub - Trigroup – Trilevel Properties, International Journal Of Scientific And Research Publications, Volume 2, Issue 6, June 2012
22. **G.Nirmala** and S.Suganthi, Fundamental Theorem Of Homomorphism In Fuzzy Subgroups, Scientific Transactions in Environment and Technovation, 2012.
23. **Dr.G.Nirmala** and Mr.D.Ramprasad “Application of Genetic Algorithm in Graph theory “ International Journal of Scientific and Research Publications, Volume 2, Issue 7, (July 2012), ISSN 2250-3153.
24. **Dr.G.Nirmala** and Mr.D.Ramprasad “ Innovtive PMX – CX – Operators for GA to TSP “International Journal of Scientific and Research Publications, Volume-2, Issue 9, (Sep 2012), ISSN 2250-3153
25. **G.Nirmala** and S.Priyadharshini – P – Fuzzy Algebra With Database To Facilitate Uncertainty Management – Aryabhata International Journal of Mathematics and Informatics – 2012.
26. **G.Nirmala** and S.Priyadharshini – P- Fuzzy Algebra And Its Characteristics, International Journal of Scientific and Research Publications – Oct’2012.
27. **G.Nirmala** and M.Vijaya – Decomposition Of Hamiltonian Fuzzy Cycles, International Journal of Scientific and Research Publications – Oct’2012.
28. **G.Nirmala**, “Design Technique of an Optimal Neuro Fuzzy Logic Controllers ( FLC) with Genetic Algorithm”, The PMU Journal of Humanities and Sciences, Vol.3, No.12, ISSN 0976-1853, July-December’2012.
29. **G.Nirmala** and K.Dhanabal, “Planar Selfcomplementary Fuzzy Graph” The PMU Journal of Humanities and Sciences, Vol.3, No.12, ISSN 0976-1853, July-December’2012.
30. **Dr.G.Nirmala** and K.Uma, “Fuzzy Graph – Estimations of Strongest Weight”, The PMU Journal of Humanities and Sciences, Vol.3 No.1 January-June 2012, ISSN 0976 – 1853.
31. **Dr.G.Nirmala** and K.Uma, “Flows in Fuzzy Graphs with Gains for Exchanging Commodities”, Aryabhata Journal of Mathematics and Informatics, Vol.4 No.2, pp.211-216, July-December 2012, ISSN 0975-7139.

32. **Dr.G.Nirmala** and D.R.Kirubaharan, “Higher Education Admission Algorithm using Score Limit Ranking Preference”, Aryabhata Journal of Mathematics and Informatics, Vol.4 No.2, pp.287-292, July-December 2012, ISSN 0975-7139.
33. **Dr.G.Nirmala** and M.Vijaya, “Strong Fuzzy Graphs on Composition, Tensor And Normal Products,” Aryabhata Journal of Mathematics and Informatics, Vol.4 No.2, pp.343-350, July-December 2012, ISSN 0975-7139.
34. **Dr.G.Nirmala** and S.Suganthi, “Innovative characteristic and properties of fuzzy sub – triring – tri – ideals”, Aryabhata Journal of Mathematics and Informatics, Vol.4 No.2, pp.357-362, July-December 2012, ISSN 0975-7139.
35. **Dr.G.Nirmala** and D.R.Kirubaharan, “Optimal Matching processor for the manufacturer of splined shaft by using network theoretical approach”, Aryabhata Journal of Mathematics and Informatics, Vol.4 No.1, pp.55-62, Jan-June 2012, ISSN 0975-7139.

### **M.Anusuya**

1. S.Lakshmi and M.Anusuya, “Stochastic Model by using BGTLNB Distribution for the effect of Elevated Atrial Natriuretic factor for Hypertension”, **American Journal of Mathematics and Mathematical Sciences, Jan-June, 2013.**

### **Department of Physics**

### **V.Senthamil Selvi**

1. V.Senthamil Selvi, K.Saravanakumar, N.Jabena Begum, R.Anandhi, A.T.Ravichandran, B.Sakthivel and K.Ravichandran, “Photovoltaic properties of nano crystalline Cds films deposited by SILAR AND CBD techniques – A comparative study”, J.Mater. Electron, 23(2012) 302-308.  
**Impact factor: 1.076** **No. Of citations: 8**
2. V.Senthamil Selvi, K.Saravanakumar, R.Anandhi, A.T.Ravichandran and K.Ravichandran, “Effect of annealing on the stoichiometry of Cds films deposited by SILAR technique”, Opto Electron, Adv. Mater – Rapid Commun., 5 10(2012) 1072 – 1077.  
**Impact factor: 0.477** **No. Of citations: 6**

### **Dr.G.Vasuki:**

1. 2-(4-Methoxybenzoyl)-2-methylbenzo[*h*]pyrido[1,2-*a*]indole-6, 11 –dione  
J. Josephine Novina, **G. Vasuki**, Yun [lu and un- Wel Sun Acta Cryst. (2012). I68, o3040.
2. A Comparative Study on the Structures of Androst-5-ene Derivatives **G.Vasuki** and Ramamurthi. K. International Journal of New Innovations.Vol.1 issue 4,398-406.

3. Crystal and Molecular Structure of N-[2-(6-Methoxy-2-oxo-2H-Chromen-4-yl)-Benzofuran-3-yl]-Benzamide. G. Anuradha, (Li. Vasuki, Imtiyaz Ahmed Khan, Manohar V. Kulkarni. Crystal Structure Theory and Applications. 2012,1, 107-113
4. 7-[(Morpholin-4-yl)(phenyl)methyl]quinolin-8-ol J. Josephine Novina, G. Vasuki, C. Muthukumar, A. Sabatiyan, A. Crochet and K.M.Fromm Acta Cryst. (2013), E69, o45.
5. N-(4,4'-Dibromo-[1,1'-biphenyl]-2-yl)benzamide J. Josephine Novina, G. Vasuki, Abhishek Baheti and K. R. Justin Thomas Acta Cryst. (2013). E69. O222. Rac-4a, 10b, 5c-trans-5-(7-methyl-2-oxo-2H-1-chromen-4-yl)-3,4,4a,5,6,10-hexahydro-2H-pyrano[3,2-c]quinoline M. Kayalvizhi. G. Vasuki, Shrinivas D. Samant and Kailas K. Sanap Acta Cryst. (2013), E69, o280.
6. Crystal Structure of 1-(4-Chlorophenyl)-3-(4-[2-(5-Ethyl-Pyridin-2-yl)-Ethoxy]-Phenyl)-Propenone M. Kayalvizhi, G. Vasuki, K. Ramamurthi, Navin B. Patel And Hemant R Patel Vol.54, No. 3, pp. 645-647, 2013.
7. (E)-N'-(4-Methoxybenzylidene)pyridine-3-Carbohydrazide hydrate J. Josephine Novina. G. Vasuki, M. Suresh and M. Syed Ali Padusha Acta Cryst. (2013), E69, o1177-01178.

### **Department of Geography**

#### **Dr.(Mrs).M.Sumathi**

1. Dr.M.Sumathi, "Geological Interpretation of Thanjavur District, Tamilnadu using Geographical Information System", African Journal of Geo Science Research.
2. Dr.M.sumathi, "Terrain and Network Model of Thanjavur District, Tamilnadu, India using Geographic Information System".

### Department of Botany

#### List of Publications in Journals:

S.No	NAME	Title	Journal
1.	Dr.G. Santhi	Antimicrobial and Phytochemical analysis of Aleo vera L.	International Journal of Pharmacy and Pharmaceutical Sciences PP : 158-161, 3(10), 2012
2.	Dr.G. Santhi	Pharmacognostical studies on Morinda tinctoria Roxb	International Journal of Pharmacy and Pharmaceutical Science Pp:636-638 Vol 4, Issue 2,2012
3.	Dr.G. Santhi	Anti-inflammatory effect of Tarenna asiatica (L) in carrageenan induced Lung inflammation	International Journal of Pharmacy and Pharmaceutical Science Pp:344-347, Vol 4, Issue 5, 2012
4.	Dr.R. Sagaya Giri	Studies on the use of Azadirachtin to control pests of Rice	International Journal of Biotechnology and Bio engineering Research PC 18678, 2013
5.	Dr.R. Sagaya Giri	Hepatoprotective activity of Acrocalymus linn in paracetamol Intoxicated Albion rats	International Journal of Pharmacy and Drug Research PC 18561, 2013

### Department of Zoology

#### List of Publications in Journals

#### Dr.N.Chandrakala:

1. **Dr.N.Chandrakala**, "Isolation and Identification of Vibrio Spp in diseased Channa Punctatus from Aquaculture Fish farm", Ind. J. Geomarine sciences, 2012. 41 (2) 159 – 163.
2. **Dr.N.Chandrakala**, "Salt passage analysis of vibrio species isolated from diseases Penaeus monodon (Fab)", Int. J. Medicine and Biosciences 2012. ([www.ijmb.com](http://www.ijmb.com)) 1(3) 28 – 33.

### Department of Statistics

#### List of Publications in Journals

#### Mrs.B.Geetharani

1. S.Lakshmi and B.Geetharani, "Poisson Shock Model for the inhibitory effects of DHEA and Androgens to Breast Cancer in Women", **Indian Journal of Mathematics and Mathematical sciences, Vol.8, No.1, June2012.**

### Department of History

#### List of Publications in Journals

Dr.A.Karkuzhali

1. Dr.A.Karkuzhali, “Bhu-Varaga Swamy Temple Sculptures”, Ayyavu, Vol.1, July 2012-13.

**Department of Commerce**  
**List of Publications in Journals**

**Ms. P. Muthamil Thirumagal**

1. Ms. P. Muthamil Thirumagal, “Customer relationship management in Indian Insurance industry,” Research Explorer, Vol.2, Issue – 3.ISSN. 2250 – 1940, pg. 118-119.
2. Ms. P. Muthamil Thirumagal , “ Problems of women entrepreneurs in India,” Women Entrepreneurship Issues & development,” Sai Publicaitons, Chennai, July 2013, ISBN: 978-93 -81- 521-22-9, pg. 108 - 111.
3. Ms. P. Muthamil Thirumagal, Customer relationship management in tourism sector,” Research Explorer, Vol.2 Issue-5, March 2013, ISSN 2250-1940.

**Ms. S.V.Soundaravalli**

1. Ms. S.V.Soundaravalli, “An overview of ERP in current management scenario,” Research Explorer, ISSN. 2050 – 1940, pg. 1173.
2. Ms. S.V.Soundaravalli, “A sustainable development of women entrepreneurs towards innovative process,” Women Entrepreneurship Issues & development,” Sai Publicaitons, Chennai, July 2013, ISBN: 978-81-925376-0-5 pg. 133 - 136.

**Dr. J.J. Jeyakumari**

1. Dr. J.J. Jeyakumari, “Challenges faced by women entrepreneurs,” International challenges of global entrepreneurship in the 21<sup>st</sup> Century, Anuragham Publication, Chennai, 2012, ISBN: 978 – 93 – 81568-65 -1, pg. 329 – 334.
2. Dr. J.J. Jeyakumari, “Innovative business applications of e-commerce”, Sankhya International Journal of management and technology, Vol. 3, ISSN : 0975 – 3915, Pg. 189-193.
3. Dr. J.J. Jeyakumari, “Change - as a natural evolution”, Research Explorer, Vol.2, Feb. 2013, ISSN : 2250 - 1940. pg. 1012-1015
4. Dr. J.J. Jeyakumari, “Women’s Emancipation-The need for sustainable development,” Women Entrepreneurship Issues & development,” Sai Publicaitons, Chennai, July 2013, ISBN: 978-81-925376-0-5, pg.24-27

**Dr. A. Kanmani Joan of Arch**

1. Dr. A. Kanmani Joan of Arch, “ Banking services in India,” Role of technology upgradation and its impact on banking service sector in the new millennium, Jazym Publication, Trichy ISBN: 978-9381521-03-8, pg. 505-512.
2. Dr. A. Kanmani Joan of Arch, “ Medical Tourism in India”, Service Marketing, Agasthiar Noolagam, ISBN: 928-93-80530-41-3, pg.228-230
3. Dr. A. Kanmani Joan of Arch, “Growing role of women entrepreneurs in India,” Women Entrepreneurship Issues & development,” Sai Publications, Chennai, July 2013, ISBN: 978-81-925376-0-5
4. Dr. A. Kanmani Joan of Arch, “A Study on innovative management India,” Research Explorer, Vol.2, Feb. 2013, ISSN : 2250 - 1940.pg. 96-98
5. Dr. A. Kanmani Joan of Arch, “Solid waste management in Chennai - an overview,” Sankhya International Journal of management and technology, Vol. 3, Special Issue – 2, ISSN : 0975 – 3915

**Ms. K. Punitha**

1. Ms. K. Punitha, “ Corporate Social Responsibility towards small and medium sized enterprises, Research Explorer, Vol.2, Issue : 3, Feb. 2013, ISSN : 2250 - 1940.pg.873

**Ms. D. Prema**

1. Ms. D. Prema, “Women entrepreneurship – problems and prospects of India,” Women Entrepreneurship Issues & development,” Sai Publicaitons, Chennai, July 2013, ISBN: 978-93-81521-22-9, pg. 96-100
2. Ms. D. Prema, “ A study on HRD climate in Tamilnadu news print LTD., Kugithapuram, Karur” Research Explorer, ISSN: 2250-1940, pg. 890-893
3. Ms. D. Prema, “ FDI in retail markets: Issues and challenges and remedies,” FDI International, ISBN: 978 – 93 – 81992 -784, pg. 254-256
4. Ms.D.Prema, “A study on marketability of Amway Products”, Sankhya InternationalJournal of management and technology, Vol.2, Issue: 2 ISSN: 0975-3915, pg. 76-79

**Ms. P.Akila**

1. Ms. P.Akila, “A study on functions of district industrial centre in Thanjavur”, Research Explorer, Vol.2 Issue: 3 ISSN : 2250 -1940, pg.901-903.
2. Ms. P. Akila, “ A study - an appraisal of challenges in micro small and medium enterprises in Thanjavur district”, Research explorer, vol.2, Issue ; 5 March 2013, ISSN : 2250 -1940, pg.. 122-124.

**9. RESEARCH PROJECTS: a) Newly implemented: b) Completed****Department of Mathematics****UGC Sponsored Major Research Projects:**

1. **Dr. S. Lakshmi**, “Mathematical models for the secretion of Stress Hormones in Medicine”, for the Period of 3 Years from Feb – 2011, Amount sanctioned Rs. 7,91,000/- UGC XI PLAN.
2. **Dr. G. Nirmala**, “Fuzzy Graphs in Mathematical Models Applying Fuzzy Rule Based Systems”, Amount sanctioned Rs. 9,00,800 /- UGC XII PLAN.

**Department of Physics****a) Research projects – Major Research**

Sl.No	Name of the Staff	Department	Title of the Project
1.	Tmt. V.Senthamil Selvi	Physics	Tamilnadu State council for Higher Education

**Department of Botany****a) Major Research Project**

1. **Dr.S.Usha** “Evaluation of Nutritional and Ant Oxidative Potential of Edible Mushroom” amount sanctioned Rs.13,00,000/- Funding Agency – UGC XII Plan.

**b) Minor Research Project**

2. **Name : Dr. R.Sagaya Giri**, “Screening of Bio control Agent Against Fusarium with Tomato”, TamilNadu State Council for Higher Education.

**Department of Zoology**

Sl.No	Name of the Staff	Title of the Project	Total	First Installment
1.	Dr. N.Chandrakala	Survey on Physiochemical and Microbial analysis of Culture P.Monodon with reference to disease out break in south east coast of TamilNadu	1,25,000	62,5000
2	Dr. P.Thangamathi	Larvicidal activity of medicinal Plant extracts against filarial vector Culex Quinque fasciatus	1,30,000	65,000



### Department of Tamil

Name of the Scholar	Name of the Guide	Title of the Project
R.Vanithamani	Dr.P.Thiravidamani	Periyapuranathil Eraineriyum Iyarkkaiyum
T.Radha	Dr.M.Kannammal	Andal pridharshiniyinSirukathaigalil Padaippu aalumai

**10. PATENTS GENERATED, IF ANY: NIL**

**11. NEW COLLABORATIVE RESEARCH PROGRAMMES : NIL**

**12. RESEARCH GRANTS RECEIVED FROM VARIOUS AGENCIES: NIL**

**13. DETAILS OF RESEARCH SCHOLARS :2012-13**

Nature of Registration	Department	Number Registered	Degree Awarded
Full time / Part time	Tamil	4	-
	English	5	-
	History	8	-
	Economics	-	2
	Commerce	8	-
	Maths	9	-
	Physics	4	Nil
	Botany		

### Department Of Mathematics

Name Of the Guide	Students Name	Category of Research	Name of the University	Ref. No	Year of Admission
Dr.S.Lakshmi	A.Manickam	Full Time	Bharathidasan University, Trichy.	16693/Ph.D/Maths/ F.T/Oct'2012	Oct'2012
	M.Senbagavalli	Full Time	Bharathidasan University, Trichy.	27033/Ph.D/Maths/ F.T/Oct'2012	Oct'2012
	N.DurgaDevi	Full Time	Bharathidasan University, Trichy.	06230/Ph.D/Maths/ F.T/April 2013	Apr'2013
Dr.V.Vinoba	M.Chitra	Part Time	Bharathidasan University, Trichy	/Ph.D/Maths/ F.T/Jul'2012	Jul'2012
	A.Indhumathi	Part Time	Bharathidasan University, Trichy	/Ph.D/Maths/ F.T/Jul'2012	Jul'2012

Dr.T.Geetha	B.Sangeetha	Part Time	Bharathidasan University, Trichy.	7879/Ph.D/Maths/ P.T/April 2013	Apr'2013
	R.Thangappan	Part Time	Bharathidasan University, Trichy.	8015/Ph.D/Maths/ P.T/April 2013	Apr'2013

### Department of Computer Science:

Name : P.Cynthia Selvi, Associate Professor  
 Name of the Guide : Dr.A.R.Mohammed Shanavas, Associate Professor,  
 Jamal Mohammed College, Trichy.  
 Nature of the study : Part-Time/Bharathidasan University, Trichy.  
 Register Number : 05018/Ph.D/Comp.Sci./PT/April 2012

### Department of Tamil

S.No	Research Advisor	Name of the student	Category of Research	Name of the University	Reference Number	Year
1	Dr.P.Indira Gandhi	N.Premavathi	Part Time	Bharathidasan University, Trichy.	07843/Ph.D/ K6/Tamil/PT/ April 2013	April 2013
2	Dr.P.Thiravidamani	R.Vanithamani	Full Time	Bharathidasan University, Trichy.	15232/Ph.D/ K6/Tamil/FT/ July2013	July 2013
3	Dr.Kannammal	J.Kalaivani	Full Time	Bharathidasan University, Trichy	08568/Ph.D/ K6/Tamil/FT/ July 2013	July 2013
		T.Radha	Part Time	Bharathidasan University, Trichy	15027/Ph.D/ K6/Tamil/PT/ July 2013	July 2013

### Department of English

S.No	Name of the student	Research Advisor	Category of Research	Name of the University	Reference Number	Year
1	Mrs.T.S.Chitra	Dr.R.Rama Priya	Full-Time	Bharathidasan University, Trichy.	031700/Ph.D2/ English/FT/July 2010	July 2013
2	Ms.B.Preethi Vaishnavi	Dr.S.Ramya	Part-Time	Bharathidasan University, Trichy.	18413/Ph.D2/ English/PT/July 2013	July 2013
3	Ms.M.Sathya	Dr.S.Ramya	Part-Time	Bharathidasan University, Trichy.	18467/Ph.D2/ English/PT/July 2013	July 2013
4	Ms.B.Priya	Dr.A.Saburunnisa	Part-Time	Bharathidasan University, Trichy.	45226/Ph.D2/ English/PT/ January 2013	January- 2013
5	Mrs.R.Priyadarshini	Dr.A.Saburunnisa	Part-Time	Bharathidasan University, Trichy.	46225/Ph.D2/ English/PT/ January 2013	January- 2013

### Department of History

S.No	Name of the student	Research Advisor	Category of Research	Name of the University	Reference Number	Year
1	S.Abirami	Dr.A.Karkuzhali	Full Time	Bharathidasan University, Trichy.	04530/Ph.D/RA/His/FT/ Jan'2012	January, 2012
2	E.Kamala	Dr.A.Karkuzhali	Full Time	Bharathidasan University, Trichy.	045929Ph.D/RA/His/FT/ Jan'2012	January, 2012
3	M.Rathiya	Dr.A.Karkuzhali	Part Time	Bharathidasan University, Trichy.	07696/Ph.D/RA/His/PT/ Apr'2012	April, 2012
4	R.Sharmil	Dr.A.Karkuzhali	Part Time	Bharathidasan University, Trichy.	045944/Ph.D/RA/His/PT/ Apr'2012	April, 2012
5	J.Jeyamadhavi	Dr.A.Karkuzhali	Full Time	Bharathidasan University, Trichy.	84219/Ph.D/RA/His/FT/ Apr'2013	April, 2013
6	G.Gomathy	Dr.A.Karkuzhali	Part Time	Bharathidasan University, Trichy.	13214/Ph.D/RA/His/PT/ Jul'2013	July, 2013
7	S.Pragathambal	Dr.A.Karkuzhali	Full Time	Bharathidasan University, Trichy.	/Ph.D/ RA/His/PT/ Jul'2013	July, 2013
8	R.Rajini Kumari	Dr.A.Karkuzhali	Part Time	Bharathidasan University, Trichy.	/Ph.D/ RA/His/PT/ Jul'2013	Registered

### Department of Commerce

S.No.	Name of the candidate	Research Advisor	Category of Research	Name of University	Ref.No. & Year
1.	Ms.P. Muthamil Thirumagal	Dr. A. Kanmani Joan of Arch	Part time	Bharathidasan University, Trichy.	7874/Ph.D/K4/com/PT/ April 2013/04.04.2013
2.	Ms. D.Kowsalya	Dr. A. Kanmani Joan of Arch	Part time	Bharathidasan University, Trichy.	7871/Ph.D/K4/com/PT/ April 2013/04.04.2013
3.	Ms. H. Lakshmi Priya	Dr. A. Kanmani Joan of Arch	Part time	Bharathidasan University, Trichy.	13534/Ph.D/K4/com/PT/ July 2013/04.07.2013
4.	Ms. S.Emalda Rani	Dr. A. Kanmani Joan of Arch	Part time	Bharathidasan University, Trichy.	17259/Ph.D/K4/com/PT/ April 2013/04.07.2013
5.	Ms. S.V.Soundaravalli	Dr.J.J. Jeyakumari	Part time	Bharathidasan University, Trichy.	7872/Ph.D/K4/com/PT/April 2013/04.04.2013
6.	Ms. M. Vedakumari	Dr.J.J. Jeyakumari	Part time	Bharathidasan University, Trichy.	7838/Ph.D/K4/com/PT/April 2013/04.04.2013
7.	Ms. J. Packiya prabha	Dr.J.J. Jeyakumari	Part time	Bharathidasan University, Trichy.	17052/Ph.D/K4/com/PT/July 2013/04.07.2013
8.	Ms. K. Nalini	Dr.J.J. Jeyakumari	Part time	Bharathidasan University, Trichy.	15072/Ph.D/K4/com/PT/July 2013/04.07.2013

**14. CITATION INDEX OF FACULTY MEMBERS AND IMPACT FACTOR:**

- ✓ Some of the research papers published by few faculty members have good number of citations
- ✓ Science faculty members normally publish their research papers in reputed international journals with high impact factor.

**15. HONORS/AWARDS TO THE FACULTY:****AWARDS RECEIVED****Department Of Mathematics**

1. **Dr.S.Lakshmi** received National Award, “**BHARATH SIKSHA RATAN AWARD**” given in “**National Seminar on Individual Achievements and Social Development**” On 3<sup>rd</sup> September 2012 by the Global Society Of India for Growth and Development, New Delhi.
2. **Dr.S.Lakshmi** received National Award, “**LIFE TIME EDUCATION EXCELLENCE AWARD WITH MEDAL**” on the occasion of 37<sup>th</sup> National Seminar on “**Individual Achievements & National Development**”, 29<sup>th</sup> April-2013 at New Delhi.

**CITIZEN CONSUMER CLUB**

“**BEST CONSUMER CLUB AWARD**” at district level for the academic year 2012-13, received from the District Collector, Thanjavur, on 28.04.2013.

**Coordinator: Dr.J.J.Jeyakumari**, Assistant Professor of Commerce.

**Department of Physics****Invited Talks:**

Dr.G.Vasuki, Associate Professor of Physics

S.No	Year	Topic	Venue and Date
1.	2012-2013	<ol style="list-style-type: none"> <li>1. Recent trends in Crystal growth and Nano materials</li> <li>2. Basic Concepts on Crystal growth and Crystallography</li> </ol>	National College Autonomous, Trichy 16 <sup>th</sup> March 2011. Sengamalathayaar Educational Trust Women’s College, Mannargudi. 19 <sup>th</sup> Dec 2012

**Department of Geography**

Name of the Staff	Resource person in
Dr.S.Nageswari	B.O.S member at Sri Meenakshi Govt.Arts for Women Madurai-2 Attended the meeting on 08.04.13
Dr.M.Sumathi	Resource person as subject expert for taking

	Training class for TRB recruited Social Science Teachers at Orathanadu
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**Department of Zoology**

Name of the Staff	Award
Dr..Joycy Jay Manoharam	Elakkia Sudar – Dr.Arjuna Rajagopal Ariviyal Tamil Virudhu

**16. INTERNAL RESOURCES GENERATED:**

**17. DETAILS OF DEPARTMENTS GETTING SAP, COSIST (ASSIST)/DST – FIST ETC. ASSISTANCE/RECOGNITIONS:**

**18. COMMUNITY SERVICES:**

- English Language Fellow Program with 24 staff members and 5 resource persons initiated by Directorate of Collegiate Education, Chennai at our College.  
**Coordinator:** Dr.R.Rama Priya, HOD of English.
- Entrepreneurship Development Program.

**19. TEACHERS AND OFFICERS NEWLY RECRUITED:**

**Department of Commerce**

**Teaching staff newly recruited – 2012 – 13**

Department	Name	Designation
Commerce	Dr.S.Sasikala	Assistant Professor
English	S.Krishna Priya	Assistant Professor

**20. TEACHING – NON TEACHING STAFF RATIO:**

**Teaching – Non Teaching Staff Ratio: 5:1**

**21. IMPROVEMENTS IN THE LIBRARY SERVICES:**

New books at the text book level and also reference books up to the level of research based on the requirements are made available.

Digital Library is updated in the academic year 2012-13 with the following number of books in each department.

Bio Medical Sciences	:	99
Commerce & Economics	:	136
Chemistry	:	984
Computer Science	:	4124
Humanities	:	1786

Linguistics	:	37
Mathematics and Statistics	:	888
Physics	:	407
Acta Numerica Journal	:	125
Encyclopedia	:	859

Total number of books in the Digital Library are 9,445.

The **College Central Library is digitalized** and the number of books in the library are 37,110.

The Central library has implemented **Library Management System**.

## 22. NEW BOOKS/JOURNALS SUBSCRIBED AND THEIR COST:

### Department of Mathematics Value of Books Purchased 2012-13

S.No	YEAR	Merged Scheme Amount	No.of Journals	State-Level Non-Plan Amount	No. of Books
1	2012-13	UGC XI plan Rs.10,000	18	3,500	13

### Department of Physics Value of Books Purchased 2012-13

S.No	YEAR	Merged Scheme UGC XI plan Amount	No.of Books	State-Level Non-Plan Amount
1	2012-13	UGC	22	Rs. 5,000
2	2012-13	NON PLAN	15	Rs. 3,500

### Department of Chemistry Value of Books Purchased 2012 -2013

S.No	Year	No. of books		No. of Text Books	No. of Ref-Books	Amount	
		State Grant	UGC - XII plan			State Grant	UGC - XII plan
1	2012-2013	15	18	13	20	Rs.3,500	Rs.10,000

**Department of Zoology**  
**Value of Books Purchased 2012-13**

S.No	YEAR	Merged Scheme Amount	No.of Books	State-Level Non-Plan Amount
1	2012-13	Merged Scheme	36	Rs. 10000

**Department of Geography**  
**Value of Books Purchased– 2012-13**

S.No	YEAR	Merged Scheme UGC XI PLAN Amount	No. of Books	State-Level Non-Plan Amount
1	2012-13	UGC	65	Rs. 10000
2	2012-13	NON PLAN	10	Rs. 4000

**Department of Computer Science**  
**Value of Books Purchased 2012-13**

S.No	YEAR	Merged Scheme UGC XI PLAN Amount	No. of Books	State-Level Non-Plan Amount
1	2012-13	Rs.10,000	65	Rs. 3,500

**Department of Statistics**  
**Value of Books Purchased 2012-13**

S.No	YEAR	Merged Scheme UGC XI plan Amount	No.of Books	State-Level Non-Plan Amount
1	2012-13	UGC	19	Rs. 5000
2.	2012-13	NON PLAN	12	Rs. 3500

**Department of English**  
**Value of Books Purchased 2012-13**

S.No	Year	No.of books		Amount	
		State Grant	UGC – XII plan	State Grant	UGC – XII plan
1	2012-2013	19	73	3000	8000

**Department of Commerce**  
**Value of Books Purchased 2012-13**

S.No	YEAR	Merged Schem UGC XI plan Amount	No.of Books	State-Level Non-Plan
1	2012-13	UGC	79	Rs. 15,000

**Department of BBA**  
**Value of Books Purchased 2012-13**

S.No	YEAR	Merged Schem UGC XI plan Amount	No.of Books	State-Level Non-Plan
1	2012-13	UGC	61	Rs. 10000

**23. COURSES IN WHICH STUDENT ASSESSMENT OF TEACHERS IS INTRODUCED AND THE ACTION TAKEN ON STUDENT FEEDBACK:**

Feedback about all the courses and the corresponding course teachers are obtained from the students and the comments made by the students are discussed with the concerned faculty members and Principal for improvement.

**24. UNIT COST OF EDUCATION: Rs.750**

**25. COMPUTERIZATION OF ADMINISTRATION AND THE PROCESS OF ADMISSIONS AND EXAMINATION RESULTS, ISSUE OF CERTIFICATES:**

The examination system has been fully computerised with the in-house developed software specially suiting to the requirements of our college programmes. The processing of results, DTP printing of Mark sheets etc. are all done without delay.

UG and PG admission process, preparation of rank list and selection list, is fully computerized which makes the admission very efficient. Also, the conduct of examination and publication of results apart from routine administration are computerized.



**26. INCREASE IN THE INFRASTRUCTURAL FACILITIES:****Department of Mathematics****UGC XII PLAN- MERGED SCHEME:**

1. One Podium Mike Rs.42,500
2. One Vacuum Cleaner Rs.7,100

**Department of Physics****NON PLAN :**

1. Stores and equipments Rs.50,000
2. Machinery and equipments Rs.25,000
3. Maintenance Rs.3,500

**UGC XII PLAN- MERGED SCHEME:**

One Vacuum Cleaner Rs.7,100

**Department of Chemistry**

Funds utilized from UGC: 22,800 & State Government 93,000

Year	Equipment Purchased	
	UGC	Non Plan
2012 – 2013	<ol style="list-style-type: none"> <li>1. Air Circulator</li> <li>2. Refregirator</li> <li>3. Vacuum Cleaner – Eureka Forbes.</li> </ol>	Electronic digital potentiometer – Model EQ603 equiptronics make – 1.999V Dual Channel Digital Conductivity meter ( Systonic make ) M K 509 model Silver electrode

**Department of Zoology****UGC XII PLAN- MERGED SCHEME:**

1. Canon DW Printer Rs.30,500
2. V-Guard Inverter, UPS Key Board with battery Rs.21,750

**NON PLAN**

1. Stores and equipments Rs.30,000
2. Machinery and equipments Rs.10,000
3. Maintenance Rs.2000

### Department of Computer Science

#### Various Grants Received:

Year	State Grant				UGC	
	Stores and Equipment	Machinery and Equipment	Maintenance	Additional Assistance	Merged Scheme	PG Grant
2011-12	20000	20000	3000	10000	-	-
2012-13	25000	20000	3000	Part II - 5000	-	-
2013-14	30000	30000	3500	-	-	-

### Department of Geography

#### NON-PLAN-STORES & EQUIPMENTS:

Map Chester-2 No Rs.25,000

#### MACHINERY AND EQUIPMENTS:

Survey instruments Rs.15000

Air Circulator

UGC-XII Plan merged scheme Rs.25000 spend towards Inverter and Installation

Part II Scheme-2 Computers (Central Purchase)

31 class rooms are newly constructed

PG hostel

Generator – C.S

Xerox Machine

### Department of Commerce

#### UGC XII PLAN- MERGED SCHEME:

Part II Scheme-

- i.) 9 Computers (Central Purchase) of Rs.2,70,000
- ii.) 1 Samsung Printer (Central Purchase) of Rs.20,000

### Department of BBA

S.No.	Non Plan item	Quantity	Price Rs.
1	Microfuge with accessories	1	16170
2	Aquarium with accessories	1	2300
3	Compound microscope	2	4704

#### 27. TECHNOLOGY UPGRADATION:

### Department of Mathematics

1. One Podium Mike
2. Five Computers

Free Laptops were distributed to all the UG students ( III, II ) by our State Governments.

Laptop distribution for all the students belonging to II & III years.

Total no. of Laptops distributed for the year **2012-13: 2,386**

## 28. COMPUTER AND INTERNET ACCESS AND TRAINING TO TEACHERS AND STUDENTS:

INFLIBNET facility has been planned to brought from the year 2013 for want of technical staff. Every department has their own computers and internet facilities for students and faculties. Computer Literacy Programme for all the first year UG students is compulsory.

## 29. FINANCIAL AID TO STUDENTS :

### Scholarships for UG and PG:

SC	:	1300 Students
MBC	:	1112 Students
BC	:	1727 Students
Tamil Medium Fund for UG	:	Rs.200/year to all TamilMedium students
Beneficiary and Labour Welfare fund from other agencies	:	2700 students

## 30. SUPPORT FROM ALUMNI ASSOCIATION AND ITS ACTIVITIES:

Several alumni from various departments have regular contact with the faculty members, scholars and students and take part in the welfare of the departments.

## 31. SUPPORT FROM PARENT-TEACHER ASSOCIATION AND ITS ACTIVITIES:

S.No	Department	Teaching Staff	Non-Teaching Staff
1	Physics	---	1 Lab Assistant
2	Chemistry	---	2 Lab Assistant
3	BBA	1	---

## 32. HEALTH SERVICES:

Through NSS: **II B Sc students**  
23/02/13 to 28/02/13 at Kalaingnar Nagar  
Tuberculosis Awareness Programme  
Eye Testing-Check up  
AIDS Awareness Programme

**II B Sc Students**  
18/02/13 to 23/02/13

Blood donation camps, free medical check up, Eye Check up are conducted by our College.

**33. PERFORMANCE IN SPORTS ACTIVITIES:****Department of Mathematics**

S.No	Name and Class of the Student	National Level Meet/ State Level Meet/ Inter Collegiate Tournament & Event	Place	Venue	Date
1.	<b>B.Vijayalakshmi</b> <b>III B.Sc., Mathematics</b>	<b>National Level Meet</b>	Participation	Bhuvaneswar, Orissa	27 <sup>th</sup> to 30 <sup>th</sup> November, 2012
		<b>All India-Inter University Tournament</b>	<b>Participation</b>	Calcutta University	December'2012
		<b>State Level Byyathalan Swimming &amp; Running</b>	I New Meet Record (16.98 Seconds)	Tirunelveli	2 <sup>nd</sup> & 3 <sup>rd</sup> Feburary, 2013
		<b>State Level Meet</b>  50 Mts. Breast Stroke 50 Mts. Free Style	<b>I</b> <b>I</b>	Anna Stadium, Trichy.	28 <sup>th</sup> July, 2012
		<b>State Level Meet</b>  200 Mts. Free Style 100 Mts. Free Style 50 Mts. Breast Stroke 100 Mts. Breast Stroke 200 Mts. Breast Stroke	<b>II</b> <b>II</b> <b>II</b> <b>II</b> <b>II</b>	Velacheri, Chennai.	16 <sup>th</sup> to 18 <sup>th</sup> November, 2012
		<b>State Level Meet</b>  200 Mts. Free Style 100 Mts. Free Style 50 Mts. Breast Stroke 100 Mts. Breast Stroke 200 Mts. Breast Stroke	<b>II</b> <b>II</b> <b>I</b> <b>I</b> <b>I</b>	V.O.C Park, Erode	19 <sup>th</sup> November, 2012.
		<b>Inter Collegiate Tournament</b>  100 Mts. Free Style 50 Mts. Breast Stroke 50 Mts. Free Style	<b>I</b> <b>I</b> <b>I</b> <b>Overall Championship</b>	A.D.M College, Nagappattinam.	14 <sup>th</sup> August, 2012
2	<b>M.Revathy,</b> <b>III B.Sc., Mathematics</b>  <b>KHO KHO</b>	<b>Inter Collegiate Tournament</b>	III	H.H. The Rajah' College, Pudukkottai.	3 <sup>rd</sup> & 4 <sup>th</sup> October, 2012
		<b>All India-Inter University Tournament</b>	<b>Participation</b>	Calicut Universi	December'2012

### Department of Physics

S.No	Name	Class	Event	Place	Prize
1	P.Jasmine Smily	III B.Sc., EM-SSS	Take Wando Club, Kumbakonam	II	Silver Medal
2	D.Prabha	III B.Sc., TM-SSS	Take Wando Club, Kumbakonam	I	Gold Medal

### Department of Chemistry

Year & Date	Name	Class	Activity
14.09.2012- 15.09.2012	M.Parvathi C.Malini V.Mekala M.Dhanapriya	Chemistry	Participated in University Level Basket Ball At J.J.College, Pudukkottai

### Department of Zoology

S.No	Name of the Student	Class	Event	Remark
1	M.Kalaiselvi	I B.Sc., EM	Hand Ball	
2	K.Kasthuri	I B.Sc.,EM	Running	
3	K.Suganya	II B.Sc., TM	Hand Ball	
4	M.Sathya	II B.Sc., EM	Hand Ball/ Foot Ball	National Level Inter College
5	N.Ramya	II B.Sc., TM	Takewondo	
6	K.Arthi	II B.Sc., TM	Takewondo	

### Department of Geography

Year & Date	Event	Place of competition	Prize won	NAME
18 to 19 Oct 2012	Hand ball	Inteveolligate meeting at Poondi Pushpam College- Poondi		R.Arulmozhi II B Sc Geography
18 to 19 Oct 2012	Hurdles (100 mt)	College Level	III Place	Jeyalakshmi I B Sc Geography
18 to 19 Oct 2012	High Jump	College Level	I Place	Jeyalakshmi I B Sc Geography

### Department of Statistics

#### Sports particulars(2012-2013)

S.No	Name	State Level	National Level	Inter college participated	Inter college Prize Received
1.	S.Thoulathnasreen	-	-	Volley Ball	-
2.	S.Thoulathnasreen	-	-	Running	3 price(200m)
3.	S.Thoulathnasreen	-	-	Long Jump	3 prize
4.	S.Thoulathnasreen	-	-	Running	1 price(4×400) Running
5.	A.Sudhandhira	-	-	Running	-
6.	A.Sudhandhira	-	-	Volley Ball	-
7.	A.sudhandhira	-	-	Javelline Through	2 Price
8.	P.Brindha	-	-	Volley Ball	-
9.	A.Sudhandhira	-	-	Short Put	-
10.	P.Logeshwari	-	-	Running	-

### Department of Commerce

Year	Name of the participants	Tournament	Event	Place	Prize Won
2012-13	R.Priya (IIIB.Com)	University Level	Volley Ball	Imayam College	4th Place
2012-13	G.Kasthuri (II B.Com)	University Level	Volley Ball	Imayam College	4th Place
2012-13	R.Vigneswari (III B.Com)	University Level	Kho-Kho	Pudhukottai Raja College.	3rd Place
2012-13	U.Nathiya(III B.Com)	University Level	Athletics	A.V.V.M Sri Pushpam College	Participation
2012-13	S.Sangeetha (I B.Com)	Open Meet	Silambam	Chennai	2nd Place
2012-13	S.Sangeetha (I B.Com)	Open Meet	Silambam	Chennai	2nd Place
2012-13	R. Ramya (M. Com)	District Level	Teakwando	Kumbakonam	Gold Medal

**34. INCENTIVES TO OUTSTANDING SPORTS PERSONS:**

The college provides TA and DA to all the students participating in the Inter Collegiate Level, District Level, State Level and National Level Sports Meet. The students are getting prizes and medals almost in all the events in which they are participated.

**35. STUDENT ACHIEVEMENTS AND AWARDS:****Department of Mathematics**

G. Divya of I M.Sc., Mathematics (2012-13) has been selected to do her III semester in UK University under the scheme of Abroad Programme initiated by Tamilnadu State Council for Higher Education and sponsored by the Tamilnadu State Government, Chennai.

**Extra Curricular Activities:****Department of Chemistry**

Year & Date	Name	Activity
2012-2013	V.Iswarya (I B.Sc.,E/M)	Participated in Essay competition under the title of "Mother Teresa's Social service" and it's Published in Dinakaran Daily Newspaper.
	R.Akila (II M.Sc) M.Mahalashmi (II M.Sc)	Won I prize in Chem. Quiz in PIC-CIP intercollegiate level competition conducted by AVVM Sri Pushpam College, Poondi.
	S. Priyadharshini (II M.Sc) M.Mahalashmi (II M.Sc) L.Saritha (II M.Sc)	Won I prize in Chem. Dump Charade in PIC-CIP intercollegiate level competition conducted by AVVM Sripushpam College, Poondi.
	M.Sripriya (II M.Sc)	Won III prize in Chem. Talk in PIC-CIP intercollegiate level competition conducted by AVVM Sripushpam College, Poondi.

**Department of Geography****TRB Recruited School Teachers**

1. G.S.Kavitha Jan 2013
2. B.Hemalatha Jan 2013
3. T.Hannab Kesavarani Jan 2013

**State Recruitment Bureau for Cooperatives Recruitment for the post of Assistants-2012**

1. G. Jaya Guru.

**Promotion to Commissioner**

1. G.Sivakozhuntha

**College level competitions & Prizes**

National voters day celebration in the college on 10/1/13

Quiz Competition\_ G.Vinothini II Place

Quiz Competition\_ N.Dheiva Priya Participated

**36. ACTIVITIES OF THE GUIDANCE AND COUNSELING CELL:**

- ∞ Each department has appointed mentors among faculty members to different classes to provide academic career and personal guidance and counselling to the needy students whenever required.

**Personality Development Programs:**

S. No	Date	Activity	Agencies / Resources Persons	Number of Students Attended	Number of Students Selected
1.	28.06.2013 &29.06.2013	Women Employment Opportunities	St. Josephs college, Trichy	24	--
2.	16.07.2013	Tally & its benefits	Mr. C. Prasath, CSS	200	--
3.	02.08.13	Awareness towards ICSI	Dr.B.Balaji,ICSI, Chennai	100	--

**37. PLACEMENT CELL SELECTION LIST:****Department of Mathematics**

S.No	Name of the Student	Organization	Place	Year
1	Najeela Banu	INFOSYS	Bangalore	2012
2	P.Akalya	WIPRO	Chennai	2012
3	Brindha	Revenue Department	Thanjavur District	2012
4	S.Indhumathi	Secondary Grade Teacher	Selected by TET exam	2012
5	A.Nirmala	Secondary Grade Teacher	Selected by TET exam	2012
6	S.Mohanapriya	Secondary Grade Teacher	Selected by TET exam	2012
7	S.Banuriya	Secondary Grade Teacher	Selected by TET exam	2012
8	T.Shakiladevi	Secondary Grade Teacher	Selected by TET exam	2012
9	M.Kanmani	Secondary Grade	Selected by TET	2012



		Teacher	exam	
10.	N.P.Nithya	TNPSC GROUP IV	Agri Department, Orathanadu.	2013

### Department of Chemistry

The alumnae and the current students of Chemistry are encouraged to attend as many off-campus interviews as possible. They are informed about such recruitment drives happening in and around the District of Thanjavur and the necessary intimation about the number of our students attending such placement drives are promptly sent to the recruiting authorities. The following are some of our students who got placed in reputed employers.

Name of the students	Name of the company	Designation
<b>2012-2013</b>		
<b>2011-2012 batch students</b> S.Buvaneshwari N.Mahalakshmi	Textile Industry , Dindigul Textile Industry , Dindigul	Chemist Chemist
<b>2012-2013 batch students</b> S.Vannamalar (III B.Sc. TM)  S.Jayanthi (II MSc.) Akila (II MSc).	Agricultural Co-operative society Police Department Police Department	Seller Second grade women reserve Police Second grade women Police reserve Police

### Campus recruitments - OUTSIDE THE CAMPUS

Name of the students	Name of the company	Designation
<b>2011-2012</b>		
S.Buvaneshwari N.Mahalakshmi	Textile Industry , Dindigul Textile Industry , Dindigul	Chemist Chemist

### PLACEMENT SERVICES PROVIDED TO STUDENTS:

#### Department of Physics

S.No	Name of the student	Company & Place
1	N.Saranya	TNPSC – GROUP II Head Office 1, Thanjavur
2	D.Navamani	Southern Railway Divisional Office Trichy

#### Department of Statistics

Date	Number of Candidates Attended	Name of Candidates selected	No. of Candidates Selected	Class	Company & Place
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Dec 2012	10	1. G.Nivetha 2. K.Dhanalakshmi 3. S.Vinotha	3	III B.Sc. Statistics	Mahindra Motors Thanjavur
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### Department of English

S.No	Name of the Students	Designation	Place /Origination	Year
1	S. Arthi		TCS, Chennai.	2012
2	V.P. Abirami	Second Grade Teacher	Government School, Iyyampattai.	2012
3	Niraimathi	Second Grade Teacher	Government School, Ariyaloor.	2012
4	S. Rupa	Second Grade Teacher	Government School, Jamyankondam	2012
5	R. Umamaheswari	Junior Assistant	Revenue Department, Thiruvaiyaur.	2012
6	R.Backiya Lakshmi	Second Grade Teacher	Government School, GovindaPuthoor.	2012

#### 40. LINKAGES DEVELOPED WITH NATIONAL / INTERNATIONAL, ACADEMIC/ RESEARCH BODIES.

#### FUTURE PLAN:

##### Department of Physics

The department is planning to start,

1. Post Graduate Course in Physics
2. Full / Part -Time M.Phil Course
3. Short term Course on Communication skills.

The above mentioned proposals will inculcate the research attitudes among the students and facilitate them to face future challenges in the field of higher education.

##### Department of Chemistry

- a. To get allotment to construct a fully equipped PG lab
- b. To enhance the research activities
- c. To invite more subject experts for interaction with students
- d. To make an effective use of the alumni for the overall development of the institution
- e. To involve more students in community services
- f. To encourage the students involvement in sports and extra-curricular activities.
- g. To provide effective student counselling to create self-confidence and to face global challenges.
- h. To make computers available in class room.
- i. To impact vocational training to students with the assistance of entrepreneur and carrier development committee.

### **Department of Geography**

1. Launching New GIS Lab
2. Upgrading land survey practical using GPS
3. Developing Research Department.

### **Department of Statistics**

1. Computer lab for practical.
2. Research room for curriculum development

### **Department of Economics**

1. Well equipped Library
2. Computer skills

### **Department of English:**

The department intends to start M.Phil Program in English and offer certificate courses in Communicative English in the near future.

## **PART-C**

### **DETAILS OF THE PLAN OF THE INSTITUTION FOR THE NEXT YEAR**

- ❖ To motivate the faculty members to undertake Major Research Projects funded by UGC, CSIR and HRD.
- ❖ To establish a Women Development Cell in the College
- ❖ To start M.B.A Programme in the next academic year.
- ❖ To complete construction of indoor stadium.
- ❖ To identify a target group through Placement Cell and give training in soft skills for employment.
- ❖ To cater to the needs of slow learners through remedial classes
- ❖ To conduct an academic audit in the next academic year inviting experts from other institution of excellence.
- ❖ To promote collaborative research through MoU with academic bodies / industries.
- ❖ To organize National Seminars / Conferences for dissemination of information.

#### **Name & Signature of the Coordinator, IQAC**

1. Dr. S. Lakshmi M.Sc., M.Phil., Ph.D.,  
Head and Associate Professor of Mathematics
2. Dr. G. Viji Stella Bai M.Sc., M.Phil., Ph.D  
Head and Associate Professor of Botany

#### **Name & Signature of the Chairperson, IQAC**

Dr.P.R.Umarani  
(Principal)

