

THE ANNUAL QUALITY ASSURANCE REPORT (AQAR)

Name of the Institution : Kongunadu Arts and Science College
(Autonomous)
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Year of Report : 2010 – 2011

PART – A

Action Plan & Outcome achieved during the year 2010-2011

The plan of action chalked out by the IQAC in the beginning of the year 2010-2011 towards quality enhancement and the outcome achieved by the end of the year:

<i>S. No.</i>	<i>ACADEMIC PLAN</i>	<i>OUTCOME ACHIEVED</i>
1	We are aiming for elevating the existing autonomous status of our college into a unitary University / Deemed to be University.	Due to change in Government Policy in not proposing the unitary university in the assembly, our college has currently dropped the proposal for the unitary university.
2	Department of English (UG) has proposed to conduct the workshop for Higher Secondary teachers regarding English language teaching.	It is proposed to conduct the workshop for the school teacher during December 2011. All the procedures for the workshop are actively progressing as per schedule.
3	To promote and upgrade the Department of Physics into School of Physics.	It is in the planning stage and may need some more years to achieve. It is a long time goal of the Department.
4	Department of Chemistry (UG) has planned to introduce modern instrumental techniques for the practicals.	Photochem - micro digital colordometer is introduced for quantitative analysis. Water quality analyzer PE-138 is introduced for analysis of water. Dorset's apparatus is used for the analysis gases.
5	Department of Chemistry (PG) has planned to install some analytical instruments such as NIR, FTIR spectrophotometers for PG teaching and research activities.	It is planned to install them in this current academic year 2011-2012, so we are getting quotations from various companies for purchasing NIR & FTIR spectrophotometers.

6	Department of Botany has proposed to conduct the certificate course in Mushroom Cultivation.	Under this skill based programme apart from teaching III BSc Botany students were entertained with field visit to the Mushroom Cultivation centre at Ooty on 16.08.2011.
7	Department of Botany has also planned to start a hands on training programme for school children on recent development in Plant Science.	During May 2011 under the Young Students Scientist Programme sponsored by Tamilnadu State Council for Science and Technology, Chennai 62 students have been given hands on training on tissue culture technology for the improvement of crop and medicinal plants.
8	Department of Zoology has proposed to establish virtual laboratory.	Virtual laboratory has been established.
9	Curriculum will be revamped to cater to the needs of the industry based on the infrastructure available in Computer Science Department (UG-Aided).	The curriculum has been revamped for the students admitted during the year 2011-2012, as per the suggestions of the Board of Studies members of Computer Science course by considering the needs of the Industry in to consideration.
10	Department of English (PG) has planned to bring out a Literary Journal (half-yearly) in the next academic year.	We are trying for funds Rs. 20,000 to bring out the journal.
11	Department of Bio-Technology has proposed to conduct science exhibition.	BIO-WHIZ Competitions and Science Exhibition for School students were conducted on 29.07.2011.
12	Department of Computer Application (PG) has planned to convert the existing class rooms into smart class rooms.	Regular classes are being conducted with the aid of LCD projector.
13	Department of Computer Technology has proposed to conduct computer orientation programme to school students.	College organized Young Students Scientist Programme for the School students. The staff members handled the classes for them.
14	The Department of Commerce (UG) has planned to introduce Diploma courses in commerce based on current requirements.	It is in processing stage. In order to attract the students for Diploma course it is planned to give a seminar focusing importance and need of the course.

15	Department of Commerce (PG) has proposed to have MoU with Sharkhan Ltd., Karvy Groups, and other Online Share Trading promoters for deputing the students to get practical exposure of online Share trading.	The proposed online trading promoters did not expedite their reply.
16	Proposed to apply to DST for financial assistance under the scheme 'Fund for Improvement of Science and Technology (FIST)' to enhance the infrastructure facilities in the college.	Preparing to apply for Fund for Improvement of Science and Technology (FIST).
17	The Autonomous review committee (University) visited the college on 18.12.2009, awaiting the visit of UGC committee.	The autonomous review committee visited on 09.09.2011 & 10.09.2011. We are awaiting the renewal of Autonomous.
18	Conduction of more Seminars / Conference / Workshops.	13 Seminars / Conferences have been organized in various departments.
19	All research departments have proposed to apply for more various funding agencies.	4 Major and 1 Minor projects were received from various funding agencies.
20	Proposed to strengthen the extension and consultancy services of all departments.	As an extension service the placement cell entered into an MoU with Versatile Information and Software Application, Coimbatore on 09.01.2011.
21	Proposed to establish more linkages with National / International, Academic / Research institutions.	Established linkage with British Council, Chennai for training students in communicative in English.
22	The College has taken active steps in collaborating with the University of Nottingham, which is one among the top 10 universities in U.K. and they have positively agreed to start initially, the twinning programmes in Post Graduate courses namely (i) Crop Biotechnology and Entrepreneurship. (ii) Crop Biotechnology and Genetic Management. (iii) Advanced Genomics and Proteomics in the College.	Under process.

PART – B

Activities of the College during the year 2010 – 2011

1. Activities reflecting the goals and objectives of the institution:

GOALS:

- To maintain ***high academic*** standards.
- To educate students from ***rural agricultural community*** by giving preference adhering to the communal reservation stipulated by the State Government.
- To create ***empowerment of women*** through education.
- To keep pace with the knowledge era and gear all activities to match the demands of the scientific and technological world.
- To enhance the mind set towards research and creation of new knowledge.
- To make every student of the college skilled and employable.

OBJECTIVES:

- The origin and history of the college has been closely linked with the aspirations of the farming community and rural people at large by serving them effectively by imparting scientific education with the twin objectives of
 - a) Knowledge based.
 - b) Employment oriented to their wards.
- To make education as a powerful medium and a tool to promote the social and economic development of backward and disadvantaged communities.
- To impart need based education to the rural women and make them indispensable partners in the community and thereby elevate their position in society at large. To impart holistic and man-making education with emphasis on Character, Culture and Values – Moral and Ethical.

The following are the activities that reflect the goals and objectives of the institution.

Academic programmes:

- The college maintains ***high academic standards by updating the curriculum*** of all courses in such a way that it meets the latest development and needs of the knowledge era.
- ***Choice Based Credit System (CBCS)*** has been introduced from the year 2005-2006, for the benefit of the students to have flexibility in the curriculum.

- The *Inter disciplinary* courses namely B.Com. e-commerce, M.Com. IT, BBM CA, B.Sc. Costume Design and Fashion, B.Sc.and M.Sc. Computer Technology, B.Com. CA, M.Sc. Bioinformatics and M.Sc. Biotechnology, have been started to suit the local and global employment market.
- Many Certificate, Diploma, PG Diploma Courses, Career Oriented Programmes, Job Oriented Courses and Advanced Learners Courses have been introduced under the autonomous system to produce skill-oriented manpower.
- During the academic year 2009–2010, preference was given to the students of rural areas, adhering to the communal reservation stipulated by the State Government for admission.
- The very fact that during this year **1,651 (53.75%) girl students** studying in the college reveals that the academic programmes designed have attracted the women community by catering their needs.
- The fact that out of **168 teaching staff, 116 (69.04%) are women** speaks volumes about the interest of the institution in fulfilling its goals.
- To create awareness among the women students, women related topics, issues and challenges of women are incorporated in the curriculum.

Research activities:

From the inception of the college, research departments in biological fields, both Botanists and Zoologists visited in and around Coimbatore area and realized the problems of the agriculturists such as attack of various pests on various crops like cotton, paddy, etc., cultivated by the agriculturists. They developed suitable projects by receiving funds, either from management or funding agencies like UGC, PL480 (USA) and Department of Environment. In assured irrigated areas, where water is flowing from rivers, water pollution has created a great concern for various agriculturists. An integrated study on River Bhavani was taken up by our college through Kaveri Basin Research Project, funded by Department of Environment.

- A multifaculty approach in research is given by inter departmental biological sciences such as Botany, Zoology, Biochemistry and Biotechnology.
- Biotechnology and Biochemistry Departments are carrying out research in medicinal plants.
- The field of research viz., Sericulture, Vermitechnology, Vector Control, Medicinal Plants, Pollution Biology, Tissue Culture, etc., opted either singly or collaboratively by the Departments of Botany, Zoology and Biotechnology cater

the needs of the society at all levels. In the department of Botany, in vitro regeneration strategies have been developed for certain rare and endangered plants of Nilgiris Biosphere Reserve by employing tissue culture technology. In addition to control the effects of air pollution, air pollution tolerant tree species have been identified for major industrial cities of Tamilnadu. Bio control measures for the sporadic diseases, chikungunya are under investigation in the Zoology Department by having a special project funded by UGC.

- Research in the advanced emerging fields like Nanotechnology, Thin Film Technology, etc., are being successfully carried out by staff members of the Physics Department to make the students embrace new technologies and compete at the global level. Plasma Physics and Applied Spectroscopy are the other areas of research actively undergoing in this Department.
- The research work in the thrust areas like Digital Topology and Graph Theory are being carried out by the Department of Mathematics has wide application in computer field, which is the need of the hour.
- To achieve the desired goal in Research, the college offers **11 M.Phil.** Programmes and **10 Ph.D.** Programmes.

Extension activities:

- The Post Graduate departments are carrying out research and extension work for transmitting the findings from “**Lab to Land**”.
- The Department of Zoology has extended its extension service to the adopted villages by way of creating awareness about ‘Solid Waste Management’ and ‘Vermicomposting’.
- The Extension work carried out by the **7 NSS Units** of our college **in the 7 adopted villages** and **2 adopted schools**, have their main focus on **empowering the women and educating rural community**.
- **Construction of group houses and distribution of free house site pattas, ensuring ownership to Adi Dravida Women** are some of the commendable work done by the college NSS Units in collaboration with **District Rural Development Agency (DRDA), Coimbatore**.

2. New academic programmes initiated (UG and PG):

Nil

3. Innovations in curricular design and transaction:

A number of need-based Job Oriented Courses (JOC), Certificate, Diploma Courses, Post Graduate Diploma, Career Oriented Programmes and Advanced Learners Courses (ALC) are being offered in order to provide value oriented opportunities.

Innovations adopted in the design of curriculum:

- The curriculum and syllabi of the courses have been restructured to meet the demands of the society at all levels.
- Curricula and syllabi have been designed based on the feedback of the stakeholders and reckoning the models of national and international curricula.
- Incorporating ICT subjects in the curricula of the courses.
- Providing choice through elective papers, Inter Departmental and Extra Departmental Courses.
- Incorporating Seminars/Assignments in the curriculum.
- Introduction of self-learning component in all papers of all courses.
- Compulsory participation in NSS / NCC / YRC / Sports.
- Courses on Moral and Ethics, Human Rights and Women's Rights to inculcate moral, ethical and cultural values in the young minds.
- Encouragement and motivation to research at the UG & PG level with mandatory group / individual project.
- Introduction of General Awareness Course to facilitate the students to write the competitive examinations and Environmental study to create environmental awareness.
- The functioning of the academic bodies like Board of Studies (BoS), Standing Committee on academic affairs and Academic Council to ensure the quality of the curricula of academic programmes offered in the college.

4. Inter-disciplinary programmes started

Nil

5. Examination reforms implemented:

I. Evaluation Process and Reforms:

- Examination section is fully computerized with Optical Mark Reader facility (OMR).
- ***On-line*** Examination for Core and other Subjects.
- Use of ***Question Banks***.
- Dummy number system is followed during evaluation.
- During End-of-Semester Examinations 50% of the invigilators are appointed from outside colleges.

Students Friendly Scheme:

- Orientation Programme related to examination is conducted for freshers.
- ***Transparency in the evaluation system*** has been introduced by providing photocopies of the valued answer scripts of End-of-Semester Examinations, ***providing CIA exam. papers*** and ***displaying mark lists*** on the Department notice board.
- ***Re-appearance*** for improvement is allowed for paper(s), in which a student has appeared for and passed in the immediate previous semester.
- Conduct of ***supplementary examinations*** for arrear papers.
- ***Uniform examination fee*** is charged for the supplementary examinations irrespective of the number.
- Special supplementary examination is held within 20 days from the date of publication of final results, for those candidates who have failed in the final semester theory papers only. It helps the students to join higher studies or any job without loss of academic year.

II. Quality Initiatives in Evaluation:

- Sending ***progress reports*** regarding attendance and CIA marks of the students to the parents.
- **Scrutiny committee is formed for question paper checking** to avoid errors and ambiguity in questions.
- For every question, key is provided and this is being supplied to the examiner to avoid subjectivity.
- Feedback on pattern and standard of the questions has been obtained from the examiners.
- Timely publication of results.

- **Best answerscripts are displayed** on the student's notice board. This practice motivates the students to perform better and makes the examiners to perform their duty with utmost sincerity.

6. Candidates qualified: NET/SET/GATE, etc

S. No.	Name of the course	No. of candidates
1.	ICWAI	7
2.	ACS	2

7. Initiative towards faculty development programme:

The Management is making continuous efforts to promote the development of teachers.

FIP and Study Leave:

Teachers are allowed to carry out their research under the Faculty Improvement Programme (FIP). In the unaided stream, teachers avail study leave to write their M.Phil. & Ph.D. examination and complete their dissertation work.

Deputation:

The Management has encouraged many staff members to attend National, International Conferences / Seminars / Symposia / Workshops and training programmes on deputation.

In-Service Training:

To enable the staff members to use the ICT resources, training in computers, LCD, preparing power point presentations, use of Intranet and Internet has been given to all teaching staff members and training in the functionalities of the office was given to non-teaching staff members.

8. Total number of Seminars / Workshops conducted:

Total number of Seminars / Conferences / Workshops conducted: 13

- International Level : 1
- National Level : 2
- State Level : 10

9. Research projects:

- a) On-going projects : 8 Nos.
- b) Completed : 5 Nos.

A PG student from Physics Department have received Rs.6000/- from TNSCST sponsored student's Project Scheme.

10. Patents generated, if any:

Nil.

11. New collaborative research programmes:

S. No	Name of the Faculty and Department	Collaboration Partner	Name and Place of the Collaborative Institution.	Title	Duration
1	Dr.R.Devi Department of Mathematics	(i)Dr. M. Caldas (ii)Dr. S. Jafari (iii)Dr. M. R. Ahmadi Zand	(i) Universidade Federal Fluminense, Brasil (ii) College of Vestsjaelland Syd, Herrestraede 11, 4200 Slagelse, Denmark (iii) Yazd University, Yazd, Iran	More on g-open sets and new class of functions	2010
2	Dr. R. Devi Department of Mathematics	Young Key Kim	Department of Mathematics Myongji University Kyunggi 449-728, Republic of Korea	The $\alpha\psi$ -closure and the $\alpha\psi$ -kernel via $\alpha\psi$ -open sets	2009
3	Dr. R. Devi Department of Mathematics	M. S. Sarsak	Department of Mathematics, Hashemite University, Zarqa, Jordan.	New separation axioms via g tilde-p-open sets	2010
4	Dr. R. Devi Department of Mathematics	Young Key Kim	Department of Mathematics Myongji University Kyunggi 449-728, Republic of Korea	Applications of G tilde α - closed sets	2011

12. Research grants received from various agencies:

S. No.	Department	Major/Minor Projects	Funding Agency	Amount Rs.
1	Physics	Major	Inter University Accelerator Center	1 JRF+ 25,000/- Contingency
2	Zoology	Minor	UGC	80,000
3	Biochemistry	Major	UGC	6,33,800
4	Biochemistry	Major	DST	7,44,050
5	Biotechnology	Major	UGC	7,19,800

13. Details of research scholars:

During 2010–2011, 24 Ph.D. and 40 M.Phil Degrees have been awarded. 27 students are pursuing M.Phil. and 154 students are pursuing their Ph.D. Programmes in various Departments of the college.

14. Citation index of faculty members and impact factor:

Citation Index:

S. No.	Name	Department	Citation Index
1	R.Devi	Mathematics	20
2	M. Vigneshwaran	Mathematics with CA	1
3	R. Sathyamoorthy	Physics	48
4	M. Dhanam	Physics	18
5	A. Anu Kaliani	Physics	11
6	S. Paulsamy	Botany	2
7	G.Vivekanandan	Bio-Technology	1
8	R. Thirugnanasampandan	Bio-Technology	3
9	B. Lakshmankumar	Bio-Technology	2

15. Honors / Awards to the faculty:

Dr. M. Lekeshmanaswamy, Assistant Professor of Zoology has received State Level Best NSS Programme Officer Award for the year 2008-2009 from Government of Tamil Nadu.

16. Internal resources generated:

Internal resources are generated through endowments, contributions from Philanthropists, Alumni, staff members and retired staff members.

17. Details of departments getting SAP, COSIST (ASSIST) / DST, FIST, etc. assistance / recognition:

Nil

18. Community services:

The outreach programmes are carried out through Departments, 7-NSS units, NCC, Youth Red Cross, Red Ribbon Club and Consumer Club in collaboration with Government Organizations, Non-Government Organizations (NGO) and other welfare organizations.

Any one of the activities *NSS/NCC/YRC and Sports* has been integrated as a **compulsory component** in the curriculum of all UG courses. Various outreach programmes on health and hygiene, spreading literacy, women empowerment, upliftment of downtrodden, community development and promotion of peace and harmony in the society are being carried out.

(i). Outreach activities of NSS with Government Organization and NGO's:

S. No	Activity	Organization
1	Staff-in-Charge for Tamil Classical Conference Awareness Marathon.	NSS Cell Bharathiar University and Tamil Maiyam Officials, Chennai.
2	Tamil Classical Conference Awareness Marathon meeting and discussion.	Tamil Maiyam officials.
3	World Population Day seminar conducted.	Dr.B.Mohamed Ali, Superintendent, ESI, Coimbatore.
4	World Cancer Day	Ramakrishna Hospital, Oncology Department.
5	Green Kovai	ISHA Yoga at VOC ground, Coimbatore.
6	A Human Chain	Function was conducted in the G.N.Mills Bus stop to create awareness for compulsory Voting in the Assembly election.
7	Cleaning work	At Vishwanathapuram-ESI Hospital, Thudiyalur.
8	Blood Donation Camp	IMA Blood Bank
9	National Child Labour Project Awareness Programme.	Mr. Vijayakumar, Programme Director, Child Welfare Collector Office, Coimbatore.
10	Blood donation camp. 150 Units of Blood donated	CMC Hospital, Lions Club Elite, Coimbatore.

(ii). Regular outreach activities:

- **Free coaching classes** for two adopted high school students, Madukari Union, Coimbatore.
- **Blood grouping camp** was jointly organized by NSS and PG Department of Bio-Chemistry for all first year UG and PG students. Blood donors directory was prepared for the purpose of blood donation to various hospitals.
- **Blood donation camp** was conducted at CMC Hospital, KMCH, Ganga Hospital, IMA Blood Bank, Ashwin Hospital, KG Hospital and Venugopal Hospital, Coimbatore.
- **Trekking** on environmental awareness programmes at Palamalai, Maruthamalai and Dharmalingeswarar Hills, Coimbatore.
- **Hundial coin counting** at Maruthamalai Temple, Coimbatore.
- Chikungunya awareness programme in the NSS adopted villages.
- Wild life census with Forest Department, Coimbatore.
- **Plastic waste cleaning camps** at Palamalai, Maruthamalai and Dharmalingeswarar Hills, Coimbatore.
- Training on **solid waste management** to the farmers in adopted villages.
- Tree planting in the High Schools and adopted villages.
- Cleanup & awareness campaign against the use of disposable poly bags & plastic containers in protected forest areas.
- **National Integration Day Rally** from the College to Thudiyalur.

(iii). Youth Red Cross:

Youth Red Cross of our college was conducted the following Programmes:

- Personality development programme.
- Consumer duties and rights.
- Psychology for growth and happiness.

The college promotes institution–neighbourhood network through the following community oriented activities, which enable the students to acquire service training.

- Training is given to the rural agriculturists in **preparing the vermicompost** and **its application** in the agricultural field.

- The staff members educate the farmers to use organic manure instead of inorganic manure to minimize the soil pollution and raise the crop production eco-friendly. This is a novel method in the *agro-industry*.
- The Department of Zoology has created awareness about *sericulture* among the farmers of adopted villages.

19. Teachers and officers newly recruited:

No. of Teaching staff recruited : 33

No. of Non-teaching staff recruited : 25

20. Teaching-Non-teaching staff ratio:

• Aided stream = 1 : 0.64

• Unaided stream = 1 : 0.82

21 & 22.Improvements in the library services:

In the year 2010-2011, 2,077 Volumes of books (1,652 titles) were added with the existing collection. Currently, more than 56,000 volumes of books and 315 periodicals (Journals, Magazines, and Newspapers) are available in the library and information centre. Apart from this, '22' online journals in ICFAI subscribed for the student and staff access. INFLIBNET (An autonomous body of UGC) provides e-resources (N-LIST) access for our library and information centre (More than 51,000 e-books and 2,100 e-journals are available in the INFLIBNET resources).

Institutional membership with IIT Chennai, University of Madras (Guindy Campus) and PSG Institute of Management, Coimbatore are also available for our staff, students and research scholars to avail the facilities of these libraries.

(Dr).S. Senthil Kumar, Librarian (SG) of our college completed PhD degree certificate in Annamalai University (October 2010).

Total collections currently available in the Library & Information Centre:

		Titles	Volumes
a.	Books	38,389	58,249
b.	Text Books	28,889	46,000
c.	Reference Books	9,500	12,249
d.	Magazines		116
e.	Current Journals		176
	Indian Journals		161
	Foreign Journals		15

f.	Peer Reviewed Journals	35
g.	Back Volume of Journals	1485
h.	E-resources	
	CDs/DVDs	3529
	Database	DELNET, INFLIBNET
	On-line Journals	ICFAI (21)
	Other AV resources	173 Cassettes
i.	Special Collection	
	UNO Repository	-
	World Bank Repository	-
	Materials acquired under special schemes (IEEE, ACM, NBHM, DST, etc)	-
	Competitive Examination	700
	Book Bank	4691
	Braille Materials	-
	Manuscripts	-
j.	Any Other (specify) Thesis & Dissertations	1995

The equipments/materials purchased for Library & Information Centre for the academic year 2010-2011 are detailed below:

S.No	Name	No. of Equipment	Amount
1.	Apple Laptop	1	93,376
2.	Canon 2900 laser printer	1	5,700
3.	Steel cupboard with rack	4	26624
4.	Computers	7	1,85,000
5.	Book rack	4	97760
6.	Belkin4 port mini USB HUB	2	800
7.	Link switch	1	4,200
8.	Computers	6	2,05,750
9.	Scanner-Barcode	1	6,510
10.	Interactive board	1	72,000

11.	Printer	1	6,000
12.	Digital Library software	1	50,000
13.	Document scanner	2	53,000
14.	Wooden and computer tables	6	44,550
		TOTAL	8,51,270

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

Student assessment of teachers has been followed in all courses. The feedbacks are collected in a structured format periodically. Based on the feedback good performers are appreciated and other staff members are motivated to improve their performance.

24. Unit cost of education:

Aided

- (a) Total annual expenditure divided by the number of students
(Including the salary component in rupees) Rs.90,871/-
- (b) Total annual expenditure divided by the number of students
(Excluding the salary component in rupees) Rs. 2,479/-

Un – Aided

- (a) Total annual expenditure divided by the number of students
(Including the salary component in rupees) Rs.20,382/-
- (b) Total annual expenditure divided by the number of students
(Excluding the salary component in rupees) Rs.9,955/-

25. Computerization of administration and the process of admissions and examination results, issue of certificates:

To carry out the day-to-day administrative activities of the college intranet has been established. The process of admission, and the office of controller of examinations have been computerized. **Results are published in about 20 days** from the end of last day of examinations and displayed both in the College Notice Board and College Website.

26. Increase in the infrastructure facilities:

Department of English (UG)

S. No.	Name of Equipment with specification	Quantity	Cost in Rs.
1.	Television 29"	1	12,000.00
2.	DVD Player	1	2,000.00

Department of Mathematics

S. No.	Name of Equipment with specification	Quantity	Cost in Rs.
1.	Dell desktop core 2 due 2.93 processor 2 GB Ram Hard disk DVD RW, Dell keyboard, Dell Mouse, Dell 18.5 TFT Monitor & Canon Printer	1	96,000.00
2.	HP Cp 1215 Colour Printer	1	16,000.00

Department of Physics (UG & PG)

S. No.	Name of Equipment with specification	Quantity	Cost in Rs.
1.	G.M. Counter and Accessories	1 set	96,000.00
2.	Fiber optics kit	1	27,664.10
3.	Dielectric constant and curie temperature	2	38,000.00
4.	Spot galvanometer	2	10,400.00
5.	Two probe method for resistivity measurement of insulators	1 set	36,500.00
6.	Michelson interferometer	1	49,000.00
7.	Digital voltmeter 0-5 V	4	3,643.72
8.	Digital Voltmeter 0-15 V	4	3,643.72
9.	Digital Ammeter 0-5mA	4	3,643.72
10.	Digital Ammeter 0-1000mA	4	3,643.72

Department of Chemistry (UG)

S. No.	Name of Equipment with specification	Quantity	Cost in Rs.
1	Digital Calorimeter	1 No.	13,998.00

Department of Chemistry (PG)

S. No.	Name of Equipment with specification	Quantity	Cost in Rs.
1	Steel cupboard	1	6,656.00

Department of Botany (UG & PG)

S. No.	Name of Equipment with specification	Quantity	Cost in Rs.
1.	Desk & Bench	12	46,176.00
2.	Digital Flame photometer	1	42,000.00
3.	Autoclave L1-120	1	97,968.00
4.	Water bath	1	6,000.00
5.	Spectrophotometer	1	37,652.00
6.	Hand held	1	31,000.00
7.	Micro processor	1	65,000.00
8.	Automatic microprocessor	1	1,76,120.00
9.	Cyber Lab make	1	2,226.00
10.	Spectro Photometer cuvettes	3	10,440.00

Department of Zoology (UG & PG)

1.	Heamocytometer complete set	1	4,368.00
2.	Magnus (Olympus) Inclined monocular microscope	5	67,600.00
3.	TCM-1 UV Transiluminator	1	29,120.00
4.	Eppovare	1	12,688.00
5.	Glucometer with strips	1	1,404.00
6.	BOD Incubator	1	49,000.00
7.	Cyberscan conductivity meter	1	29,500.00
8.	COD meter complete set	1	1,10,000.00

Department of Biochemistry (PG)

1.	VDRL Shaker	1	2,600.00
2.	Electronic & 12V 50W VIS LAMP	1	2,306.00
3.	PH Meter	1	1,508.00
4.	600VA Intex UPS	1	1,850.00
5.	6V, 10W Lamp for Systronics Spectrometer	1	1,947.00
6.	Optical mouse	1	29,000.00
7.	UV Lamp with Accessories	1	1,500.00
8.	Mini Auto clam	1	1,300.00
9.	Wireless	1	2,050.00

Department of Computer Science

S. No.	Name of Equipment with specification	Quantity	Cost in Rs.
1.	LG 20 TFT Monitor	1	5,625.00
2.	HP G3110 Scanner	1	7,789.00
3.	Intel Core 15 processor	1	9,600.00
4.	Intel 61 ww Motherboard	1	3,950.00
5.	500 GB HDD	1	1,800.00

6.	2 GB RAM DDR 3	1	1,200.00
7.	LG DVD RW	1	1,100.00
8.	Mercury Cabinet	1	1,250.00
9.	Keyboard/ mouse	1	850.00
10.	Speaker	1	442.31

Department of Biotechnology (PG)

S. No.	Name of Equipment with specification	Quantity	Cost in Rs.
1.	Power Pack, Autoclave, Orbit shaker vacuum pump	1	21,200.00
2.	Mechanical Shaker	1	7,550.00
3.	Pipette Adjustable Volume	1	78,000.00
4.	Canon LBP 2900 Printer Laser	1	6,000.00

Library

S. No.	Name of Equipment with specification	Quantity	Cost in Rs.
1.	Apple Laptop	1	93,376.00
2.	Canon 2900 laser printer	1	5,700.00
3.	Steel cupboard with rack	4	26624.00
4.	Computers	7	1,85,000.00
5.	Book rack	4	97760.00
6.	Belkin4 port mini USB HUB	2	800.00
7.	Link switch	1	4,200.00
8.	Computers	6	2,05,750.00
9.	Scanner-Barcode	1	6,510.00
10.	Interactive board	1	72,000.00
11.	Printer	1	6,000.00
12.	Digital Library software	1	50,000.00
13.	Document scanner	2	53,000.00
14.	Wooden and computer tables	6	44,550.00

Controller of Examinations

S. No.	Name of Equipment with specification	Quantity	Cost in Rs.
1.	Line Matrics Printer	1	1,60,000
2.	Online UPS	1	78,000
3.	Tubular battery	1	91,125

27. Technology up gradation:

Laptop : 1 No.

Computers : 7 Nos.

28. Computer and Internet access and training to teachers and students:

Internet access is provided to students through 8 computer laboratories and Library and Information Centre.

29. Financial aid to students:

The State and Central Governments have sanctioned and released a sum of Rs.19,61,668/- as Scholarships to 797 students. Apart from the Government Scholarships the Management has distributed Rs.2,90,500/- towards scholarships to 268 students, this year.

30. Activities and support from the Alumni Association:

- Department-wise alumni meetings were conducted.
- Alumni has collected and contributed Rs.2,93,000 for the development activities of the college.
- The Alumni of Computer Science Department have donated books to the Library and Information Centre.
- Alumni association provides scholarships to the economically weaker and meritorious students and instituted Medals and Trophies to the meritorious students.
- The *BoS* of every course includes *an alumnus as its member*, who contributes in restructuring and updating of the curriculum.
- Guest lectures are delivered by alumni members on topics in their field of specialization and relating to the overall development of the students.
- Alumni members residing in various parts of India and abroad share their experiences with the staff and present students whenever they visit the institution. They also help the students in getting placements by providing information about the employment prospects to the students, faculty and HoDs.

31. Activities and support from the Parent-Teacher Association:

Parent-Teacher Association meetings were conducted. The suggestions given by the parents have been recorded and implemented. Feedback on curriculum has been obtained from the parents.

32. Health services:

- The college has tie-up with the renowned multi specialty NRI Hospital, Kovai Medical Centre Hospital and Parthiban Hospital for emergency treatment, which is located at a walkable distance from the College.
- The Management has provided a car to the hostel students, for the timely transport of the sick to the hospital immediately.

33 Performance in sports activities:

The students have participated in the following sports activities at the State, District & University levels and brought laurels to the college.

S. No	Date	Team Name	Event Name	Venue	Results
1	26.07.10	Chess team	Bharathiyar University level Inter college tmt	Sri Nehru Maha Vidyalaya college of arts and science	Participated
2	03.08.10	Table Tennis Team	Bharathiyar University level Inter college tmt	Kamban Arts and science college , Palladam	Participated
3	10.08.10 to 12.08.10	Football Team	Bharathiyar University level Inter college tmt	Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Periyanykanpalayam	Participated
4	23.08.10	Weight Lifting	Bharathiyar University level Inter college tmt	Bharathiyar University	Participated
5	24.08.10 to 25.08.10.	Volley Ball Women	Sports Development Authority Of India, Patialia	Sri Ramakrishna Engineering College	1 st Place
6	24.08.10 to 25.08.10.	Volley Ball Men	Sports Development Authority Of India, Patialia	Sri Ramakrishna Engineering College	Participated
7	24.08.10 to 25.08.10.	Kabbadi Men	Sports Development Authority Of India, Patialia	Sri Ramakrishna Engineering College	Participated
8	25.08.10	Power Lifting Men	Bharathiar University Inter Collegiate Tournament	Bharathiar University	Participated
9	27.08.10	Best Physique Men	Bharathiar University Inter Collegiate Tournament	Bharathiar University	Participated
10	27.08.10	Volley Ball Men	Karunya Evangeline Memorial Tournament	Karunya University	Participated

11	27.08.10	Volley Ball women	Karunya Evangeline Memorial Tournament	Karunya University	Participated
12	27.08.10	Basket Ball	Karunya Evangeline Memorial Tournament	Karunya University	Participated
13	27.08.10	FootBall	Karunya Evangeline Memorial Tournament	Karunya University	Participated
14	27.08.10	Kabbadi	Karunya Evangeline Memorial Tournament	Karunya University	Participated
15	02.09.10 to 03.09.10.	Ball Badminton Women	Bharathiar University Inter Collegiate Tournament	Nirmala College for Women, Red Fields	Participated
16	07.09.10 to 09.09.10.	Cricket team	Bharathiar University Inter Collegiate Tournament	SNR Sons College	3 rd place
17	16.09.10 to 18.09.10.	Volley Ball Men	Bharathiar University Inter Collegiate Tournament	STC Pollachi	Participated
18	20.09.10 to 22.09.10.	Hand Ball	Bharathiar University Inter Collegiate Tournament	Pioneer CAS, P.N. Palayam,	Participated

34. Incentives to outstanding sportspersons:

- To encourage sports activities, *sports scholarships* are being distributed to students who are proficient in sports.
- The college awards medals to *Best Sports Men and Women* students.
- Medals, Sports cups and certificates are distributed to the winners and runners during sports day.
- During 2010–2011 a sum of **Rs.16,000/-** has been given to students who are proficient in sports in the form of medals and scholarships.
- In addition to this, sports items are sponsored by Sports Land to students enabling them to take part in sports enthusiastically.
- For economically backward sports students, the college offers concession in Hostel accommodation and distributes sports dresses at free of cost.

35. Students achievements and awards:

S. No	Name of the Student	Class	Event	Place/ Rank	Venue & Organizer	Level
1.	J. Angelin Jeba	II BSc Maths	Poem Tamil	I	14.08.2010, CMS Metric School	Intercollegiate Level
2.	J. Angelin Jeba	II BSc Maths	Poem Tamil	III	09.09.2010, Karpagam University	Intercollegiate Level
3.	J. Angelin Jeba	II BSc Maths	Speech Tamil	IV	25.07.2010, Namakkal	Intercollegiate Level
4.	M.Vivek Prabhu	I MSc Maths	Oratory	IV	25.07.2010, Kongu Munnetra Peravai, Namakkal	Intercollegiate Level
5.	J. Angelin Jeba	II BSc Maths	Poetry	I	14.08.2010, C.M.S. School, Kovai.	Intercollegiate Level
6.	J. Angelin Jeba	II BSc Maths	Poetry	III	09.09.2010, Karpagam University	Intercollegiate Level
7.	T.J.Jomi	II BSc Biotechnology	English Speech	II	23.09.2010, Govt. Arts College	State Level
8.	M.Prabhakaran	II MSc Biotechnology	Quiz	II	21.08.2010, Kumaraguru College of Technology	Intercollegiate Level
9.	Niranjana	II MSc Biotechnology	Crosswords	I	21.08.2010, Kumaraguru College of Technology	Intercollegiate Level
10.	L.Koushick	II BSc Biotechnology	Quiz	II	21.08.2010, Kumaraguru College of Technology	Intercollegiate Level
11.	E.Gayathri, M.Anusuya, M.P.Soumya	II BSc Biotechnology	Model presentation	I	21.08.2010, Kumaraguru College of Technology	Intercollegiate Level
12.	E.Gayathri, M.Anusuya, M.P.Soumya	II BSc Biotechnology	Model presentation	I	27.09.2010, Kodaikanal Christian College	Intercollegiate Level
13.	C.Blamurugan	I BBM	Kabadi	Runners up	01.09.2009, VCV Govt. Hr. Sec. School	State Level

14.	A.Jayalakshmi	III BCom	Painting Pencil Shading	II III	Sri Narayana Guru Arts and Science College	Intercollegiate Level
15.	Vishnu.M.Balan, C.KrishnaKumar	III BCom	Sell Me	I	PSG Arts and Science College	Intercollegiate Level
16.	Ram Kumar.N	III BCom	Sell Me	I	PSG Arts and Science College	Intercollegiate Level
17.	Abinaya.R & Sreevidhya.S	III BCom	Business Quiz	II	SNS Rajalakshmi College of Arts and Science	Intercollegiate Level
18.	S.Nithya & Padmashree	III BCom	Face Painting	II	SNS Rajalakshmi College of Arts and Science	Intercollegiate Level
19.	K.Mohamed Nadeemuddeen	II BCom	Quiz	III	Sri Narayana Guru Arts & Science College	Intercollegiate Level
20.	S.ArunKumar & A.Mohan Dinesh	II BCom	Sell Me	I	PSG Arts and Science College	Intercollegiate Level
21.	S.Shreyas	I BCom	Sketching, English Debate, Painting	II	Sri Narayana Guru Arts & Science College	Intercollegiate Level
22.	A.Nandhakumar	II BSc Computer Science	Cricket	III	SNR Sons College	Intercollegiate Level
23.	P.Rajkumar	II Maths CA	Quiz	III	Sri Ramakrishna Mission Vidhyalaya	Intercollegiate Level
24.	G.Vignesh	II Maths CA	Math	II	Sri Ramakrishna Mission Vidhyalaya	Intercollegiate Level
25.	P.Rajkumar	II Maths CA	Math Sketch	II	CMS College of Arts and Science	Intercollegiate Level

26.	S.Harish	III BCA	Cricket	III	Bharathiar University	University Level
27.	S.P.Kaushik	III BCA	Cricket	III	Bharathiar University	University Level
28.	D.Jagadesh	II BCA	Cricket	III	Bharathiar University	University Level
29.	R.Ajay	III BSc Computer Science	Best Manager	I	Karpagam University	University Level
30.	N.Deepan	II BSc Information Technology	Video Documentary	II	Dr. N.G.P. Institute of Technology	Intercollegiate Level
31.	B.Lakshmi Raj	II BSc Information Technology	AD-ZAP	II	Kathir College of Engineering	State Level
32.	R.Dinesh Kumar	II BSc Information Technology	AD-ZAP	II	Kathir College of Engineering	State Level
33.	S.R.Navaneetha Krishnan	II BSc Information Technology	AD-ZAP	II	Kathir College of Engineering	State Level
34.	N.Deepan	II BSc Information Technology	Solo Dance	II	Kathir College of Engineering	State Level
35.	M.Rajesh	II BBM	Brand Wars	I	Hindusthan Arts and Science College	Intercollegiate Level
36.	Maria Simon	II BBM	Product Launch	I	Hindusthan Arts and Science College	Intercollegiate Level
37.	T.Nandha Gopal	II BBM	Product Launch	I	Hindusthan Arts and Science College	Intercollegiate Level
38.	M.Rajesh	II BBM	Product Launch	I	Hindusthan Arts and Science College	Intercollegiate Level
39.	Sivabharathi	II BBM	Kick Boxing	I	Nehru Stadium, Chennai	State Level

40.	Sri Lakshmi	II BBM	Brand Wars	II	Hindusthan Arts and Science	Intercollegiate Level
41.	Rajesh.M.	II BBM	Quiz	II	Dr.SNS Rajalakshmi College of Arts & Science	Intercollegiate Level
42.	Nandha Gopal. T	II BBM	Quiz	II	Dr.SNS Rajalakshmi College of Arts & Science	Intercollegiate Level
43.	E.Vikas	II BBM	Best Manager	II	DR.NGP Arts College	Intercollegiate Level
44.	F.Jaffar Mohammed	I BBM CA	Best Manager	Runner up	Hindusthan College of Arts and Science	Intercollegiate Level
45.	G.Rinupriya	II BCom e-commerce	NCC Camp	Sr. Under Officer	New Delhi	National Level

36. Activities of the Guidance and Counseling unit:

- The **SWCC** headed by a director has been established with the sole aim of providing counseling, career guidance and various welfare measures to the student community.
- The **SWCC** has organized the following programmes in order to help the students to develop a rounded personality and leadership qualities.

S. No	Date	Items	Venue & organized by/ Chif guest	Level	Position Held	Winners
1.	19.07.2010	Honda Star of City	Kongu College	KASC	I II	S.Sajith Kumar III B.Sc.Cs R.Prasanna Venkatesh III B.Sc.Cs
2.	18.08.2010	Onam Function	Kongunadu Arts & Science College/ Dr. M. Aruchmai (Secretary) & Thibak Tharmatam	KASC	-	-

3.	30.08.2010	Ramzan Function	Kongu Auditorium / Dr. M. Aruchmai (Secretary) & Haji.M.Amir Althaf, President United Jamaath, Coimbatore.	KASC	-	-
4.	01.09.2010	Sri Krishna Jayanthi Celebrations	Kongu Auditorium / Dr.M.Aruchmai (Secretary) & Rev.Swami Harivratnanda Maharaj Sri Ramakrishna Mission Vidyalayam, Peranaickenpalayam, Coimbatore.	KASC	-	-
5.	11.09.2010	Sri Vinayagar Chathurthi Celebrations	Kongu Auditorium / Dr. M. Aruchmai (Secretary) & Rev.Swami Nirmaleshananda Maharaj Sri Ramakrishna Mission Vidyalayam, Peranaickenpalayam Coimbatore.	KASC	-	-
6.	27.09.2010	World Tourism Day – 2010	Government Arts College (Autonomous) Coimbatore – 641 018.	-	II	H.Lakshmi Priya I B.Sc.BC
7	12.10.2010	Radio Mirichi Programme	Kongu Auditorium	KASC	12.10.2010	Radio Mirichi Programme
8.	14.10.2010	Habba`10	Kongu Auditorium / Dr. M. Aruchmai (Secretary) & Thiru. Rangaiya Gowder, Thiru. Kulla Gowder, Coimbatore.	KASC	-	-
9	21.12.2010	Christmaon	Selvin Rajkumar, Director YOUNG FISHERS TEAM	KASC	-	-

10.	17.03.2011	Solstice' 11	Sri Ramakrishna Mission Vidyalaya College of Arts and Science.	Inter Collegiate Mathematical Meet	III (Maths Sketching) III (Choreo)	M.Gomathi J. Angelin Jaba J. Angelin Jaba
11.	18.03.2011	Regalia	Shri Nehru Maha Vidyalaya College of Arts and Science.	Inter Collegiate Level	II (Group Dance) Debate Tamil	Kishore Kumar.D Sowmiya.R Durgadevi.M Dineshkumar.G.R Keerthana.J Roja.H.R Aswini.S Radhika.B Narmatha.M Chandhini.D Sandhiya.J.R Sreeja.K G.R.Dineshkumar & Naveen
12	11.01.2011	Pongal Celebration	S. Sathyaseelan. Former Principal Urumu Dhanalakshmi College.	KASC	-	-
13.	June 2010 – Apr 2011	Passport : Candidates – 106	Easy Travel	KASC	-	-
14.	June 2010 – Apr 2011	Pan Card : Candidates – 39	Easy Travel	KASC	-	-
15.	June 2010 – Apr 2011	Two Wheeler Licence: Candidates – 32	S.A.P Travels	KASC	-	-
16.	June 2010 – Apr 2011	Four Wheeler Licence: Candidates – 19	S.A.P Travels	KASC	-	-
17.	June 2010 – Apr 2011	Two & Four Wheeler Licence: Candidates – 48	S.A.P Travels	KASC	-	-
18.	June 2010 – Apr 2011	Karate Candidates – 11	Kongu Karate Club	KASC	-	-

A separate *counselling centre for women students* headed by a senior women staff, offers counselling to the women students regarding their personal and gender related issues particularly for hostel students. Apart from the Counseling cell, there is a Women Empowerment Cell in the college, which organizes many activities relating to the women empowerment.

37. Placement services provided to students:

- There is a separate “Placement Cell” functioning in the college, headed by a placement officer and assisted by five Co-ordinators. To assist the placement cell there is a student placement representative in each department.
- More than 18 on-campus and more than 06 off campus interview has been arranged.
- Two mega job fair has been arranged more than 15 colleges were participated.
- In the current year 96.25% of students who opted for placement have been placed through placement cell.
- The placement cell organized various training like pre placement training, Aptitude test training, seminars etc., and Career guidance programmes to the students for development of various skills.

Self-Development Programmes:

- The Entrepreneur Development Cell (EDC) conducts many *entrepreneurship development* programmes, which help the students to become entrepreneurs through self-development and training programmes towards employment.
- *SWCC* of the college conducts coaching classes for various courses like GRE, TOEFL, etc., and provides training in painting and glass painting courses, etc., which provide self-employment.

38. Development programmes for non-teaching staff:

- *Training in computers* and other ICT resources are given to teaching and non-teaching staff.
- Skill up gradation about the administrative functionalities of the office was given to office non-teaching staff members.
- Training is being given to non-teaching staff members to enable them to use the ICT resources, whenever they are in need.

39. *Healthy practices of the institution:*

The following healthy practices are adopted by the Institution:

- Updation of curriculum to meet the demands at local, regional, national and International level.
- Academic flexibility has been given to the students in selecting the courses and subjects of their choice.
- Introduction of curricular aspects that promote value and heritage.
- Introduction of many supportive courses.
- Promotion of Hi-tech teaching learning methods through OHP, LCD, e-learning resources, etc.
- Promotion of self – study.
- Computerization of examination section.
- Use of Question Banks.
- Display of Best answer scripts on the notice board.
- Constitution of Research Committee and Research Forum.
- More number of research papers has been published at national and International level.
- Promotion of consultancy and extension services.
- Establishment of state-of –the art laboratories.
- Bar-coded Library and information system with OPAC (Open Access Catalogue) facility.
- Library is kept open for 283 days per year from 8.00 am to 8.00 pm.
- Information Communication Technology (ICT) has been used as a learning resource.
- Providing management scholarships in addition to the Govt. scholarships.
- Promotion of percentage of results.
- Extending student support services through various centers and clubs.
- Establishment of participatory management system.
- Encouragement and motivation by the management for staff Development.
- Introduction of Innovative practices in academic and administrative activities.

40. Linkages developed with National/International, academic/Research bodies:

College signed a MOU with Versatile Information and Software Applications, Coimbatore.

41. Any other relevant information the institution wishes to add:

- Due to the constant and continuous encouragement given by the Management towards research there are 69 Ph.D. and 64 M.Phil. holders out of 168 teaching staff members, serving in the institution.
- The volunteers of 7 NSS units of our college are doing exemplary extension activities to the upliftment of downtrodden people of 7 adapted villages. The activities like free patta distribution and construction of 23 group houses for socially, economically backward and disadvantaged community women needs special mention.
- The college has a continuous best practice of distributing scholarships to the economically weaker students. This year a sum of Rs.2,90,500/- has been dispersed to 268 students during college day celebrations.
- The management encourages staff members by way of distributing cash incentives to the staff for their academic achievements. This year a sum of Rs.71,500/- has been distributed to various faculty members.
- “Young Students Scientist Programme(YSSP)” has been conducted for 80 young students studying IX standard in Government and Panchayat schools located in Coimbatore and Nilgiris District, to provide the training on science subjects such as Mathematics, Physics, Chemistry, Biology, Environmental Science and Computer Science for period of 20 days (6th May 2011 to 25th May 2011) in our campus, funded by TNSCST. Dr .K. Lekeshmanaswamy Assistant Professor in Department of Zoology acted as a co-ordinator.

PART – C

Plan of the institution for the year 2011 – 2012

1. Department of Tamil (Aided) has proposed to conduct an audio visual training programme for the other language students.
2. Department of English (Aided) has proposed to conduct a one day Workshop for Higher Secondary Teachers.
3. Department of Physics has planned to upgrade their curriculum with the inclusive of UGC / CSIR NET syllabus.
4. Department of Chemistry (UG) has planned to introduce new modern instrumental techniques in the practical.
5. Department of Chemistry (UG) has proposed to setup Virtual Lab and Nodal centre.
6. Department of Botany has planned to teach application oriented softwares like SPSS in Biostatistics paper.
7. Department of Biotechnology has planned to conduct Lab Orientation programme for I year UG students.
8. Department of Biotechnology has proposed to conduct Science competitions and Summer training programme for School Students.
9. Department of Computer Application (PG) has planned to conduct more workshops on personality development and soft skill programmes.
10. Department of Costume Design and Fashion has proposed to start a crafts making unit.
11. Department of Commerce (PG) has planned to organize a Bank Training Programme for the students.
12. Library and Information Centre has proposed to establish the Digital Library.
13. For the benefit of the students, as an extension activity it is proposed to establish an Anti-Narcotics Club in our college.

Sd-

Sd-

Sd-

Dr.S.RAVISANKAR
Co-ordinator-IQAC

Dr. R. DEVI
Principal

Dr. M.ARUCHAMI
Secretary & Director