

THE ANNUAL QUALITY ASSURANCE REPORT (AQAR)

Name of the Institution : Kongunadu Arts and Science College
(Autonomous)
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Year of Report : 2007 – 2008

PART – A

The plan of action chalked out by the IQAC in the beginning of the year 2007-2008 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	Instrumentation Centre can be centralized. Instruments like HPLC, PCR, Microscope, Spectroscopy and Amino Acid Analyzer can be shared among the departments.	Arrangement has been made to share the instruments among the Departments with the permission of the Principal and the concerned HoDs.
2	Modular form of text may be given.	The modular form of text has been prepared.
3	Efforts may be taken to make the basic science courses viable.	Since the Secretary of the college is the convener of Coimbatore chapter and Executive Member of Indian Science Congress Association (ISCA), steps have been initiated at the National Level to make the basic science courses viable. On request of the ISCA members the honorable Prime Minister has announced 1 Lakh scholarships in the annual meeting of ISCA held at Visakapattinam for students opting for basic science courses at Higher Education level and 1 million scholarships have been proposed for High School students who are opting science courses. The universities have been requested to initiate action in this regard. Accordingly Bharathiar University has constituted an expert committee to take further steps. For a few science courses to attract the students freeships have been extended to students.

<i>S. No.</i>	<i>ACADEMIC PLAN</i>	<i>OUTCOME ACHIEVED</i>
4	Placement Cell must be strengthened. There should be a Staff Co-ordinator and Student Representative from each department to assist the Placement Officer.	The placement officer is assisted by 3 co-ordinators. In addition to this a staff co-ordinator and a student representative have been nominated to assist the placement cell from each department.
5	More On-Campus Interviews with MNCs can be arranged.	24 on-campus interviews with 11 MNCs and 4 off-campus interviews were conducted during 2007 – 2008. Out of 462 opted for placement 408 students have been placed through placement cell.
6	Individual topics may be given to students for assignments in all subjects wherever applicable.	Individual assignment topics have been given to students wherever applicable.
7	Group discussions among students must be encouraged.	The students are encouraged to participate in group discussions.
8	Seminars can be handled by all students.	Seminars/Assignments have been incorporated as a component of the curriculum of all courses itself.
9	Guided library hours may be allotted to all students.	Students are encouraged to learn through guided library hours. In addition to this Tutorial classes are being conducted in the Library and Information Centre.
10	Proposals for Projects on women related topics can be sent to Funding Agencies.	The college has sent proposals to UGC to start Women Study Centre and to conduct a Seminar on “Gender Issues and Challenges in Higher Education”.
11	More Internship can be encouraged for Commerce Students.	To promote Internship, project/institutional training has been incorporated in the curriculum itself.
12	Entrepreneur Development Cell must be strengthened. Efforts must be taken to make our students as job-creators rather than job seekers.	The Entrepreneurship Development Cell has conducted many self-development programmes. DST sponsored ‘Entrepreneurship Awareness Camp’ has been conducted to develop the entrepreneurial skill of the students.

<i>S. No.</i>	<i>ACADEMIC PLAN</i>	<i>OUTCOME ACHIEVED</i>
13	Students of all PG Departments may be advised to apply for Student Project Schemes.	Based on the proposal submitted three students have received a sum of Rs.15,000/- from Tamil Nadu State Council for Science and Technology (TNSCST), Chennai under Students Project Scheme (SPS). In addition to this, the college management has distributed Rs.30,000/- to 11 students under SPS.
14	Each department should conduct atleast one Seminar / Conference / Workshop per year.	All Departments have conducted atleast one Seminar / Conference / Workshop during 2007 – 2008.
15	Research meeting may be conducted periodically.	Research meeting of the research scholars is being conducted once in fortnight.
16	Autonomous fund can be effectively used for conducting Seminars/Conferences/Workshops.	The fund has been utilized effectively for conducting Seminars/Conferences/Workshops.
17	All the departments may be advised to include recent books while revising the syllabus.	All Departments have included recent books while revamping the syllabus.
18	Director of Physical Education, Secretary of Alumni Association and Placement Officer are to be included as members of IQAC.	Director of Physical Education, Secretary of Alumni Association and Placement Officer have been included as members of IQAC.
19	<i>Any other:</i> Student representatives (one UG and one PG) have been included as members of IQAC.	

PART – B

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.
- 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 by serving them effectively by imparting scientific education 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.

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 fast changing needs of the agriculture, industry and to cater to the demands of the economically developing society.
- ***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.B.M. CA, B.Sc. Costume Design and Fashion, B.Sc. and M.Sc. Computer Technology, B.Com. CA, M.Com. IB, M.Sc. Bioinformatics and M.Sc. Biotechnology have been started during the last five years 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 2007-2008, ***71.2%*** of the students are from rural area, which is evident that our institutional curricula attract the rural people.

- The very fact that during this year 1,634 (55.2%) 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 **186 teaching staff, 118 (63.44%) 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 breathing 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 merging 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.
- Research in the advanced emerging fields like Nanotechnology, Thin Film Technology, etc., are being successfully carried out by the Physics Department to make the students embrace new technologies and compete at the global level.
- The research work in the thrust areas like Digital Topology and Graph Theory being carried out by the Mathematics Department 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 **9 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**.
- Free training in Tailoring, Computer, Mushroom Cultivation and Vermitechnology by the Departments of Costume Design and Fashion, Computer Science, Botany and Zoology, respectively, for Self Help Group Women, helps in realizing the goals of the Institution.
- The Department of Computer Science has given ‘**in house training**’ on MS Office and Internet to Tamil Nadu Electricity Board Employees of North Zone and the Non-Teaching Staff Members of our College.

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

- UG: 1. B.Sc. Computer Technology
2. B.Com . CA (Additional Section)
3. BCA (Additional Section)

- PG: 1. M.Sc. Computer Technology

3. Innovations in curricular design and transaction:

A number of need-based JOC, Certificate, Diploma, Post Graduate Diploma, Career Oriented Programmes and ALC are being offered in order to provide value addition.

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.
- Compulsory JOC in communicative English and Computer Literacy.
- 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.
- Making atleast one JOC compulsory to complete the degree.
- Course on Moral and Ethics 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 BoS, Standing Committee on academic affairs and Academic Council ensure the quality of the curricula of academic programmes offered in the college.

4. Inter-disciplinary programmes started:

1. B.Com . CA (Additional Section)

5. Examination reforms implemented:

1. Evaluation Process and Reforms:

- ***Computerization*** of Examination section.
- ***On-line Examination.***
- Use of ***Question Banks.***
- During End-of-Semester Examinations 60% of the invigilators are appointed from outside colleges.

Student Friendly Scheme:

- ***Transparency in the evaluation system*** has been introduced by providing photocopies of the valued answer scripts of End-of-Semester Examinations,

providing CIA test papers and displaying mark lists on the Department notice board.

- ***Re-appearance*** for improvement is allowed for paper(s), which a student has appeared for and passed in the immediate previous semester.
- Conduct of ***supplementary examinations*** for arrear papers.
- ***Usual examination fee*** is charged for the supplementary examinations even though there are only one or two candidates.
- Special supplementary examination is held within 20 days from the date of publication of final results, for those candidates who fail by any of the final semester papers and for any one of the papers of previous semesters. It helps the students to join higher studies or any job without loss of academic year.

II. Quality Initiatives in Evaluation:

- Sending ***progress reports*** to parents regarding attendance and CIA marks of the students to the parents.
- ***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 answer scripts are displayed*** on the students 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/SLET/GATE, etc.

Nil.

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.

Dr. R. Sathyamoorthy of Physics Department has undergone *training in Italy on “Transnational Access to Research Infrastructures” (TARI) programme* conducted by European Commission, Italy for one week.

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 twice to all teaching staff members and training in the functionalities of the office was given two times to non-teaching staff members.

8. Total number of Seminars / Workshops conducted:

Total number of Seminars / Conferences / Workshops conducted: 17.

9. Research projects a) Newly implemented: 3 Nos.

b) Completed : 4 Nos.

10. Patents generated, if any:

Nil.

11. New collaborative research programmes:

The Department of Physics has undertaken collaborative research work with University of Bath, UK.

12. Research grants received from various agencies:

The Zoology and Biochemistry Departments have jointly received **Rs.12,24,362/-** (rupees twelve lakh twenty four thousand three hundred and sixty two) for the conduct of *Indo-US International Workshop on “Vermitechnology in human welfare”*, from 04.06.2007 to 07.06.2007 at our college campus.

Department of Physics has received Rs.10,000/- from IUAC, New Delhi for State Level Workshop on *“Physics with Home made equipment and innovative experiments”*.

13. Details of research scholars:

During 2007–2008, 18 Ph.Ds and 50 M.Phil degrees have been awarded. 77 students are pursuing M.Phil. and 159 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	Dr. A.A. Sivakumar	Zoology	7
2	Dr. K. Kamalaveni		8
3	Dr. T. Thangaraj		7
4	Dr. R. Devi	Mathematics	147
5	Dr. K. Thilagavathi		7
6	Dr. K. Muthukumaraswamy		3
7	Dr. A. Subbarayan	Physics	56
8	Mr. S. Natarajan		1
9	Dr. R. Sathyamoorthy		87
10	Dr. M. Dhanam		19
11	Mr. K. Rajasekar		1
12	Dr. T. Balasubramaniam		2
13	Dr. K. Kuppusamy	Chemistry	4
17	Dr. K. Manonmani	Botany	2
18	Dr. S. Manorama		1
19	Dr. S. Paulsamy		5
20	Dr. V. S. Ramachandiran		7
21	Dr. V. Thangapandian		4
22	Dr. N.R. Ponnammal		2
23	Dr. S. Krishnakumari	Biochemistry	4
24	Dr. S. Senthilkumar		17
25	Dr. Indira A Jayaraaj		1

Impact factor of Journals:

S. No.	Name	Department	Impact Factor
1	Dr. M.R. Sittrarasu	Mathematics	0.813
2	Dr. R. Devi		0.073
3	Dr. K. Thilagavathi		0.701
4	Dr. A. Subbarayan	Physics	Varies from 0.369 to 2.3
5	Dr. R.Sathyamoorthy		Varies from 0.369 to 2.489
6	Dr. M. Dhanam		Varies from 1.221 to 1.809
7	Dr.M.S.Subramanian	Botany	0.3
8	Dr. S. Paulsamy		Varies from 0.3 to 1.5
9	Dr. K. Kamalaveni	Zoology	1
10	Dr. V. Sangeetha	Chemistry (PG)	Varies from 0.23 to 0.45
11	Dr. N.Sampathkumar		Varies from 0.32 to 1.1
12	Dr. S. Senthilkumar	Biochemistry (PG)	Varies from 0.7 to 2.9

15. Honors/Awards to the faculty:

Dr.R.Sathyamoorthy of Physics Department has been awarded with Commonwealth Academic Staff Fellowship Award.

16. Internal resources generated:

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

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

DST sponsored 'Entrepreneurship Awareness Camp' has been conducted in the college to develop the entrepreneurial skill of the students.

18. Community services:

The outreach programmes are carried out through Departments, 7-NSS units, NCC, YRC, Red Ribbon Club and Senior Road Safety Patrol (SRSP) 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 out reach programmes on health and hygiene, spreading literacy, women empowerment, upliftment of down trodden, community development and promotion of peace and harmony in the society are being carried out.

(i). Outreach activities of NSS with Government Organization

S. No.	Activity	Government Organization
1	Land acquisition and Free patta distribution to socially, economically backward and disadvantaged community Women	District Rural Development Agency, Collectorate, Coimbatore.
2	Construction of 23 group houses for socially, economically backward and disadvantaged community Women	District Rural Development Agency, Collectorate, Coimbatore.
3	Grievance day petition preparation work (Every Monday)	Collectorate, Coimbatore.
4	Global Iodine Deficiency Deformity Day	Primary Health Centre, Thudiyalur.
5	Free veterinary camps (NSS Camp)	Veterinary Surgeon, Othakkal Mandapam.
6	Disaster management, Tsunami relief fund collection	Collectorate, Coimbatore.
7	Assistance in conducting Local Body Election work by NSS volunteers.	Rural Superintendent of Police, Coimbatore.
8	Road Safety Week Celebrations – Regulating Traffic, Kavundampalayam and Thudiyalur Bus Stop.	Thudiyalur Police Station, Coimbatore.

9	Zebra Crossing Painting works at Mettupalayam Road	Thudiyalur Police Station, Coimbatore.
10	Traffic control on Mettupalayam Road	Thudiyalur Police Station, Coimbatore.
11	Polio Drops Campaign	Thudiyalur (Primary Health Centre)
12	Statistical data on the educational status of prisoners	Central Jail, Coimbatore.
13	Sanitation Camps	Maruthamalai Temple, Palamalai Temple and Dharmalingeswarar Hills.
14	Individual toilet survey at Palathurai Village – Clean Village Project (1,500 houses surveyed)	District Rural Development Agency, Collectorate, Coimbatore.
15	Pilot project survey for Ancient Palm Leaf Script Collection	Hindu Religious Charitable Trust, Tamil Nadu.
16	Child labour abolition	Covai CLASS (Coimbatore – Child Labour Abolition Support Society), Collectorate, Coimbatore.
17	Aids awareness Seminar	Arisipalayam (Primary Health Centre).

(ii). *Outreach activities of NSS with NGO's:*

S. No.	Activity	Non - Government Organization
1	Blood Donation – Every Year 450 to 500 Units of Blood	CMC Hospital, KMCH, Ganga Hospital, IMA Blood Bank, Ashwin Hospital, KG Hospital and Venugopal Hospital, Coimbatore.
2	Tree planting	ISHA YOGA Centre, Poondi.
3	Cancer awareness	Ramakrishna Hospital, Coimbatore.
4	World peace day – essay writing competition	Divyodhaya, Interfaith Centre, Coimbatore.
5	Free eye and medical camps	Kovai Medical Centre & Hospital (KMCH), Sankara eye hospital, Kovai eye foundation and Lotus eye care hospital.
6	Awareness Programme on Diabetic Retinopathy	Coimbatore diabetic centre.
7	Basic Hygiene Preventive measures for Girls	KMCH, Coimbatore.
8	Basic Hygiene & Preventive measures for Boys	KMCH, Coimbatore.
9	Talent Exam conducted at various schools	TREET, Coimbatore.
10	The Healing power of Siddha	TREET, Coimbatore
11	Leadership quality & Personality Development	Mr. Kavidasan, HRD, Manager, Roots India Ltd.

12	Free eye camp	Lotus eye care, Coimbatore.
13	Blood Grouping and donation campaign	PG & Research Department of Biochemistry, Kongunadu Arts and Science College, Coimbatore.
14	Awareness campaign on Typhoid, Brain fever, Hepatitis A & B	Sai Ram Medical Trust, Coimbatore.

(iii). Regular outreach activities:

- **Free coaching classes** for two adopted high school students, Madukarai Union, Coimbatore.
- **Construction of water tanks** with the capacity of 6,000 liters for Govt. High. School in the adopted village, Vazhukkuparai, Coimbatore.
- **Blood donation camp** was conducted 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.
- Traffic regulation activities with Traffic warden, Thudialur Police Station.
- Chickun-gunya awareness programme in the NSS adopted village.
- 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.
- Planting of bio-diesel plant in the High School, Vazhukkuparai, Coimbatore.
- Tree planting in the High Schools and adopted villages.
- Observance of NSS Day **“Environmental Awareness Rally”** from college campus to Thudiyalur Bus Stand.
- Cleanup & awareness campaign against the use of disposable polybags & plastic containers in protected Forest areas.
- Participation in “Wild life week awareness Rally” organized by Forest Department.
- Donation of Nylon mattresses to **physically challenged** children at ‘United Physically Handicapped School’, Saravanampatty, Kurumbapalayam.
- **National Integration Day Rally** from the College to Thudiyalur.

- Non-conventional Energy Day Rally from Collectorate to R.S.Puram.
- New year celebration 1500 greetings cards distributed to Railway passengers.
- **Old book collections** to village libraries, University Silver Jubilee celebrations.

(iv). Outreach activities of YRC:

Youth Red Cross Society was started in the year 2004.

S. No	Activity	Sponsoring Agency	Participation
1	Three day Residential Camp at participation	Organized & sponsored by Bharathiar University, Coimbatore.	4 students along with the programme officer attended the programme.
2	World AIDS Awareness Day Rally	Organised by Indian Red Cross Society, Coimbatore.	From collector office, coimbatore to VOC park. 15 students and the programme officers participated in the rally.
3	World Diabetes Day Rally	Organized by Indian Red Cross Society, Coimbatore.	From Collector office to VOC park.
4	A special Lecture on "Principles of Red Cross"	By Programme officers YRC & NSS Units of the College.	50 students attended the seminar.
5	Participation in the YRC study Camp	Organized & sponsored by Bharathiar University, Coimbatore.	Seven girl students have attended the programme
6	Organized Eye camp for students & staff	Sponsored (NGO) by "The Eye Foundation", Coimbatore.	407 students and 18 staff members of the College participated.
7	Organized Blood Donation Camp	Donated to M/S Lions Club of Coimbatore, Legend Blood Bank & Research Centre, R.S.Puram, Coimbatore-2.	115 students donated their blood.
8	Organized "Vision Screening" camp	Jointly with "The Eye Foundation", Coimbatore.	Over 500 students and 50 staff members visited and checked their eyes

(v). Senior Road Safety Patrol:

The Senior Road Safety Patrol (SRSP) unit was started in the college from the year 2003 with the main aim of creating awareness on road safety among the students and public. After getting training, the volunteers of SRSP of our college have involved in regulating the traffic on Mettupalayam Road during peak hours and created awareness on traffic signals, walking rules and importance of holding license.

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

- The PG Department of Commerce has conducted a **Road Survey**, on “**Road Traffic Vehicles Movement**” on Mettupalayam Road, Coimbatore. The movements of the vehicles on the road was keenly observed and recorded by time, vehicle and gender by M.Com. students of our college who actively participated in the Survey. The recorded data were analyzed and a **Survey Report** on “Road Traffic Vehicle Movements” **was prepared** and the Report was released by the **Mayor of Coimbatore City Corporation** and handed over to **Coimbatore Corporation Office**, for further action.
- “**Free Training in Mushroom Cultivation**” offered by the Department of Botany, “**Awareness programme on Computer Literacy**” offered by the Computer Science Department, “**Vermitechnology for human welfare**” offered by the Zoology Department and “**Free training in Tailoring for women Self Help Groups (SHG) of Thudiyalur**” offered by the Department of Costume Design and Fashion are some of the extension activities carried out by the departments to various self help group women of neighboring areas.
- The faculty members of Computer Science Department have conducted computer literacy programmes to Tamil Nadu Electricity Board employees of North Zone, Coimbatore, and to Police Personnel of Thudiyalur Police Station as per their requirements.
- Free training in computer education was given to school students of Government High School, Idikarai Village, Coimbatore Taluk (North).
- 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	: 11
No. of Non-teaching staff recruited	: 4

20. Teaching-Non-teaching staff ratio:

- Teaching and Non-teaching ratio in the Aided stream is 1 : 0.6.
- Unaided stream is 1 : 0.7.

21&22.Improvements in the library services:

In the year **2007–2008** more than 9,785 volumes of books worth about Rs.32,79,342/- were purchased. Apart from this, 824 CDs and DVDs (worth about Rs.25,000/-), 303 periodicals subscriptions (cost about Rs.3,00,000/-), 18 online journals, Membership in the Libraries of IIT, Chennai, University of Madras, Chennai, PSG Institute of Management, Coimbatore are established.

Latest Pentium IV core 2 Quad computer, '3' TFT monitors, one Scanner, one LaserJet printer, Tata sky Dish TV connection, Higher end computer server exclusively for Library and Information Centre were also purchased in this year. All these equipments cost about Rs.5,00,000/-. For the purpose of monitoring and controlling the Library and Information Centre functions, '13' CCTV (Closed Circuit Television Cameras) *Cameras* were installed worth about Rs.1,00,000/-. To improve the efficiency of Library and Information Centre and to develop the services to the users, '2' more Library Science qualified professionals were appointed.

Total collections currently available in the Library and Information Centre:

		Titles	Volumes
a.	Books	33,573	45,685
b.	Text Books	23,577	33,147
c.	Reference Books	7,215	9,147
d.	Magazines	117	117
e.	Current Journals		
	Indian Journals	146	
	Foreign Journals	21	
f.	Peer Reviewed Journals	32	
g.	Back Volumes of Journals	1396	
h.	E-resources		
	CDs / DVDs	2256	
	Databases	1 (DELNET)	
	On-line Journals	10	
	Other AV resources	117 Cassettes	
i.	Special collections		
	UNO Repository Centre	-	
	World Bank Repository	-	
	Materials acquired under special schemes (IEEE, ACM, NBHM, DST, etc.)	-	

	Competitive Examinations	500 Volumes of Books
	Book Bank	2891 Volumes
	Braille Materials	-
	Manuscripts	-
	<i>Any other (specify)</i> Thesis & Dissertations	1702

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.38,043.00/-
- (b) Total annual expenditure divided by the number of students
(Excluding the salary component in rupees) Rs.950.96/-

Un – Aided

- (a) Total annual expenditure divided by the number of students
(Including the salary component in rupees) Rs.14,980.00/-
- (b) Total annual expenditure divided by the number of students
(Excluding the salary component in rupees) Rs.5,272.00/-

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 examinations and displayed both in the Notice board and college website.

26. Increase in the infrastructure facilities:

The following are the infrastructure facilities created during 2007 – 2008.

- Physics : Keithly meter 2602 at the cost of Rs. 4,48,476/-
Power meter with filters (8) – Rs.2,00,000/-
TV demonstration kit and CRO – Rs.75,000/-

Planks constant apparatus,
BH Anchor ring Kelvin Double bridge at the
cost of Rs. 49,088/-
Hand operated Hydraulic Pressing Machine at the
cost of Rs. 31,000/-

Chemistry : De-Mineraliser at the cost of Rs.20,000/-
Microwave oven at the cost of Rs.4,088/-

Computer Science : 140 computers and 5 LCDs at a cost of
Rs.43,20,000/-

Biochemistry (PG) : Flash evaporator, arbitrary shaker and other
instruments at the cost of Rs.2,30,922/-

Biotechnology : Centrifuge at the cost of Rs.1,67,500/-

Canteen Extension and Office Block at the cost of Rs.1,04,96,000/-

27. Technology upgradation:

Costume Design & Fashion : Tukatech software at the cost of Rs.2,60,000/-

Tally 7.2 silver package : Rs.18,750/-

Tally multi user 9.2 package at the cost of Rs.35,000/-

Symantec 10.2 Anti-virus at the cost of Rs.95,744/-

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

One-day training programme on Information Communication Technology (ICT) usage and Office Automation has been conducted to teaching and non-teaching staff members, respectively. Internet access is provided to students through 8 computer laboratories and Library and Information Centre.

29. Financial aid to students:

The State and Central Government have sanctioned and released a sum of Rs.17,11,347/- as Scholarships to 789 students. In addition to this Rs.7,39,435/- is yet to be received from the Government. Apart from the Government Scholarships the Management has distributed Rs.5,02,700/- towards scholarships to 237 students, this year.

30. Activities and support from the Alumni Association:

- Department-wise alumni meetings were conducted.
- Alumni has collected and contributed Rs.15,57,000/- 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 contribute 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 District, State & University levels and brought laurels to the college.

S. No.	Period	Name & Class	Event	Level & Venue	Place
1	30.07.2007 to 03.08.2007	College Chess Team	Chess Tournament	Inter Collegiate Level, Bharathiar University	IV
2	17.08.2007	College Cricket Team	Cricket Tournament	Inter Collegiate Level, Bharathiar University	Participated
3	20.08.2007	College Foot Ball Team	Foot Ball Tournament	Inter Collegiate Level Bharathiar University	Participated
4	26.08.2007	K. Suresh III B.Sc. Animal Sci. and Biotech.	Chess Tournament	District Level, Anand Chess Academy	III
5	28.08.2007	College Kabbadi Team	Kabbadi Tournament	Inter Collegiate Level, Kaamadadhenu Arts and Science College, Sathy.	Participated
6	05.09.2007 to 08.09.2007	Our College Volleyball Team	Volley Ball Tournament	Inter Collegiate Level, Sri Krishna Arts and Science College, Cbe.	Participated
7	06.09.2007 to 11.09.2007	Our College Cricket Team	Cricket Tournament	Bharathiar University Inter Collegiate Level S.N.R. College of Arts and Science, Cbe.	IV
8	20.09.2007 to 22.09.2007	---	Kabbadi Tournament for Women	Inter Collegiate level conducted in our College premises	20 various Colleges participated
9	23.09.2007	K. Suresh III B.Sc. Animal Sci. and Biotech.	Chess Tournament	District Level, Anand Chess Academy, Geetha Hall, Cbe.	II
10	21.02.2008 to 24.02.2008	College Cricket Team	S.R.K.V. Trophy	Sri Ramakrishna Mission Vidhyalaya Arts and Science College, Cbe.	Entered Quarter finals
11	18.03.2008 to 23.03.2008	College Cricket Team	S.N.R Trophy Cricket Tournament	Inter Collegiate level, S.N.R. College of Arts and Science, Cbe.	Entered Semi finals

- Students have actively participated in the National Seminar on ‘Innovative Approaches to Excellence in physical education and sports’ on 27.02.2008 conducted in the college premises. ***This Seminar is First of its kind among Arts and Science Colleges in Tamil Nadu.***

34.Incentives to outstanding sportspersons:

Due consideration is given to athletes and sports persons. Concession is given in hostel accommodation.

- 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 2007–2008 a sum of ***Rs.18,000/-*** 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. *Student achievements and awards:*

The students have received the following awards for the extension activities through NCC and SRSP.

NCC Boys Wing 2007 – 2008

Name & Class	Event	Position
Cdt. K. Arun Kumar II B.Com. CA	17 th All India GV Malankar Shooting Championship, Agra, New Delhi.	VIII Place at National Level
29 cadets	Annual training camp at Dharapuram	I Place in guard mounting, II Place in volleyball
Cdt. P. Yuvaraj II B.Sc. Mathematics	RDC events	I Place in guard of honour
Cdt. K. Arun Kumar II B.Com. CA	South Zone shooting camp	I Place in Tamil Nadu
	Moulanger firing camp, Agra.	9 th Rank in All India Level
	17 th All India GV Malankar Shooting Championship at Agra, New Delhi.	VIII Place at National Level

- *K. Prabeesh (Air Wing) has attended Republic Day Camp 2007 from 1-29 January 2007 at New Delhi.*

NCC (Girls wing)

- CSUO Vidhya.V (III B.Sc. Biotechnology) has been selected for *Youth Exchange Program at Nepal* from 22.02.2008 to 11.03.2008.
- CSUO Vidhya.V of III B.Sc. Biotech., has bagged *I position* in the C-certificate examination at the Coimbatore Group level in 5(TN) Girls Battalion NCC.
- *One cadet has attended Republic Day parade during 2007.*
- Karate - The II year student Sensei. N. Thiyagu of M.Com. (IB) has established a Karate Club, *Kongunadu Karate Club* in our college. To his credit he has won 5 Black Belts and 200 colour Belts. At present he is holding many prestigious posts. He has won many awards, at the national level.
- Mr. David of Chemistry Department has received a scholarship from Royal College of Music, Britain, because of *the motivation given by SWCC*.

Students of the Photo club participated in many State Level and Inter Collegiate Photographic competitions and won many prizes.

<i>Year</i>	<i>Name & Class</i>	<i>Event & Venue</i>	<i>Position</i>
2007-2008	K. Sreederan, III B.Com.	HILLARICAS, Hindustan College of Arts and Science, Coimbatore	I Place
	K. Boopathi, II M.Sc. Botany	REGALIA, SNMV College, Coimbatore.	II Place
	K. Boopathi, II M.Sc. Botany	ARTOGRAPHY, Bishop Appasamy College of Arts and Science, Coimbatore.	<i>Best Fashion Photographer Award</i>

- Ms.T.Priyadharshini of II M.Sc. Zoology has been selected for the ***Summer Research Fellowship Program 2008*** in the area of Life Sciences by Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore.
- Mr. K. Navamani of I M.Sc. Physics has been selected for the ***Summer Training Program in Physics (STPIP-2008)*** conducted by Tamil Nadu Academy of Sciences, Chennai and Department of Nuclear Physics, University of Madras, Chennai.
- Mr.E.Prakasam of II B.Sc. Mathematics CA has been selected for ***Young Science Fellowship Programme (YSFP)-2008*** in mathematics discipline IISc., Bangalore.

Senior Road Safety Patrol:

- The volunteers of SRSP unit have extended their service in regulating the traffic on Mettupalayam Road. Two students have been recognized as Best student volunteers by the Thudiyalur Police personnel for having helped them in regulating the Traffic during peak hours on Mettupalayam road.

36. Activities of the Guidance and Counselling unit:

- The ***SWCC*** headed by a director has been established with the sole aim of providing counselling, 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.

- | | |
|---|--------------------------------------|
| • CAT, MAT, TANCET Coaching | • TOEFL / GRE Training |
| • BEC Training | • IELTS Training |
| • Assistance to get Pass Port | • Arranging part time jobs |
| • Arranging free coaching class for weak students | • Driving License for 2 & 4 Wheelers |
| • Lecture on Interview techniques | • Workshop on “English fluency” |
| • Health programme, Yoga and Meditation | • Karate Training |

- Musical evening
- Painting & Glass painting courses
- Mountain Trekking
- Cultural activities
- Training in Public speaking

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 Counselling 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 three co-ordinators. To assist the placement cell there is a staff co-ordinator and student placement representative in each department.
- To promote the employment opportunities many supportive courses like JOC, Certificate, Diploma, COP, etc., have been introduced.
- More number of on-campus and off-campus interviews have been arranged.
- In the current year **88.3%** of students who opted for placement have been placed through placement cell.
- The placement cell organizes various training and *career guidance programmes* to the students for development of various skills like aptitude test, group discussion, personality development, soft skill development and preparation of bio-data etc. The cell arranges *on-campus and off-campus interviews*.

Self-Development Programmes:

- The *Kongunadu professional centre*, conducts special coaching classes for the examinations like *CA, ICWA, ACS*, etc.
- The 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, TOFEL, etc., and provides training in painting and glass painting courses, etc., which provide self-employment.
- *Kongu Photo Centre* of the college offers training in photography, which provides self-employment opportunities to the students.

38. Development programmes for non-teaching staff:

- *Training in computers* and other ICT resources are given to teaching and non-teaching staff.
- Skill upgradation about the administrative functionalities of the office was given to office non-teaching staff members, by the retired staff of RJD office.
- 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 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 have been published at national and International level.
- Promotion of consultancy and extension services.
- Establishment of state- of -the art laboratories.
- Barcoded 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

The college has linkages with the following agencies.

1. The Department of Physics has established a Linkage with university of BATH, UK.
2. The Botany Department has signed MoU with Sri Krishna Devaraya University, Anantapur, A.P. to have joint research on “Floristic aspects of Eastern and Western Ghats”.
3. The Department of Biotechnology has signed MoU with Microbiological Laboratory, Coimbatore.
4. The Department of Bioinformatics has established Linkage with National Institute of Ocean Technology, Chennai.

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

1. Due to the constant and continuous encouragement given by the management towards research there are 70 Ph.D. and 73 M.Phil. holders out of 186 teaching staff members, serving in the institution.
2. 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 Land acquisition, Free patta distribution and construction of 23 group houses for socially, economically backward and disadvantaged community women needs special mention.
3. The college has a continuous best practice of distributing scholarships to the economically weaker students. This year a sum of Rs.5,02,700/- has been dispersed to 237 students during college day celebrations.
4. The management encourages staff members by way of distributing cash incentives to the staff for their academic achievements. This year a sum of Rs.1,31,850/- has been distributed to various faculty members.

PART – C

Plan of the institution for the year 2008 – 2009.

1. It is proposed to introduce new courses namely B.Sc. IT, M.Com. IT and PGDCA (Post Graduate Diploma in Computer Applications).
2. As per the letter from Tamil Nadu State Council for Higher Education (TANSICHE), dated 04.04.2008 the CBCS curriculum of all courses can be restructured.
3. It has been decided to submit the Re-accreditation Report to the NAAC in the month of July.
4. Proposed to have group health insurance scheme for the students from the year 2008-2009.
5. To meet the current demands it is proposed to conduct a new ladies hostel and a new dining hall at a worth of Rs.1.5 crores.
6. It is proposed to install a new lift which will enable the physically challenged students to reach the classes housed at different floors.
7. The plan has been chalked out to utilize the amount Rs. 6,76,000/- sanctioned by the UGC towards remedial coaching classes for SC/ST and minority students.
8. It is decided to conduct the graduation day in our college, for the first set of students (2004 - 07 batch) under autonomous status.

A. MANICKATHAI
Coordinator – IQAC

Dr.A.A. SIVAKUMAR
Principal

Dr. M. ARUCHAMI
Secretary & Director