

# THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC

2006 – 2007



Accredited with B+ by NAAC

ISO 9001:2000 Certified

## IQAC COMMITTEE

### Chairperson

Dr. N. Gnanadhas

### Management

Adv. P.Dharmaraj

Dr. R. Paulraj

### Co-Ordinator

Dr. J.Thambi Thanka Kumaran

### Administrative Officers

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Mr. P. Kumaradhas

Dr. S. Linsa Retnalal

Dr. M. Johnson

Mr. D.S. Arul Selvan

Mr. C. Thambi Sam Luther

Mr. J. Paulraj

### Teachers

Dr. M. Christudhas

Mrs. Sheela Samuel

Dr. A. Raja Thankam

Mr. Felix Anderson Christudhas

Mr. C.H. Arun

Mr. A. Jaisingh

Dr. A. Vijayan

Mr. G.D. Biji

Mr. V. Dhanabal Singh

Mr. S. Sam Santhoshe

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Mr. S. Jeya Kumar

### Local Society

Mr. N. Dennis, Ex, M.P.

Mr. Joe Winston, M.Tech., CEO, Extolutions

Inc. Techno Park, TVM

**NESAMONY MEMORIAL CHRISTIAN COLLEGE**

**MARTHANDAM - 629 165**

**KANYAKUMARI DISTRICT, TAMIL NADU**

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# **THE ANNUAL QUALITY ASSUARANCE REPORT (AQAR) OF IQAC**

## **Name of Institution :**

**NESAMONY MEMORIAL CHRISTIAN COLLEGE,  
MARTHANDAM,KANYAKUMARI DISTRICT,  
TAMIL NADU – 629 165.**

**YEAR OF REPORT 2006 - 07**

## **Plan for 2007**

### **Plans for the Year 2006-07**

- To improve the language lab.
- To conduct language training for junior teachers by faculty from CIEFL.
- To provide broad band connection for departments.
- To strengthen Research.
- To strengthen literary skills in Tamil which is recognized as a heritage language.
- To conduct seminars and workshops in each subject.
- To improve the examination system.
- To improve the library.
- To apply for UG Assistance for the construction of Women's Hostel.

- To improve the water source by bringing water directly from the river bed (Kuzhithurai) near by the college.
- To improve the electricity situation by installing transformer inside the campus.
- To improve the infrastructure of the department of Botany.

### **The outcome of the plan**

- ❖ The Language lab was formally inaugurated by Prof. Pabhakar Babu, former Head of the Language Lab, CIEFL, Hyderabad. The Computer Center of the Department of Business application has also been turned into a makeshift as language lab.
- ❖ Prof. Prabakar Babu & Dr Dominic Savio of CIEFL, Hyderabad conducted a three day programme for junior members of the faculty.
- ❖ Broad Band Connection is provided in the Principal's office, Department of Computer Applications, the Department of Business Administration, the Department of Computer Science and the Department of Physics from which links are provided to the other departments.
- ❖ The Department of History which is a Research centre has produced three Ph.Ds. Three members of the faculty have been awarded their Ph.Ds, bring up the total of Ph.D. degree holders to 39. 11 technical papers have been published by members of the faculty.

- ❖ Seminar on Modern Literature was conducted by the Department of Tamil, which was addressed by Sahitya Academy Award winner Mr. Thopil Miran.
- ❖ A total of sixteen conferences, workshops and meet were conducted four of these were at the national level.
- ❖ Progress reports of each student was printed and distributed.
- ❖ The Library has been upgraded with books, journals, and CD's and to the tune of Rs 5 lacs. Donations in terms of Books to the library were initiated when 319 books of late Prof. C. Jesudasan, an UGC Awardee being presented by members of his family.
- ❖ The college has sent the proposal to the UGC to sanction Rs 1 crore towards a Women Hostel.
- ❖ In order to get over the water problem in summer, the college has drawn up a plan to acquire a piece of land near the Kuzhuthurai river, approximately 1Km from the college and pump the water to the institution. This is expected to meet the water requirement of the college for another 50 years.
- ❖ To avoid intermittent power cuts on campus and hence unnecessary wastage of fuel for generators, a transformer has been installed solely for the needs of the college.
- ❖ The Botany department has been modified with a new building keeping in mind room for research.



## **PART - B**

### **1. Activities reflecting the goals and objectives of the institution**

The mission and goals of the college have always been to impart and spread knowledge, to cultivate humanistic traits and to mould the intellectual, emotional and spiritual character of one's personality with a view to dispelling their ignorance and darkness. It is also to transform the most backward people of Vilavancode and Kalkulam taluks of Kanyakumari District thereby uplifting them from their social backwardness. It is to make the rural folk realize their worth and potentiality and help them march forward.

### **2. New academic programmes initiated (UG and PG)**

The MS University has granted affiliation for M.Phil. Physics, M.Phil. Mathematics & M.Sc. Botany.

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

The Audio Visual education has been strengthened. Communication classes have been started for MBA, BBA & B.A. Tourism departments along with leadership training classes. The library has a good collection of VCDs and DVDs which are used for language skills. Two more LCD Projectors have been added to the list of audio visual equipment. A

seminar on communication skills has been conducted by teachers from England. This along with the training by faculty from CIEFL and workshop on Soft Skills and Technical Writing have been conducted to improve communication skills of teachers and students of the college.

The Department of Computer Applications along with the Department of Management Studies have conducted inter collegiate seminars. The department of Tourism has also conducted inter collegiate competitions.

The Department of Physics has invited an expert from the Madurai University to give a seminar on 'Nano-technology'.

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

The Seminar on Nano Technology conducted by the Department of Physics along with Chemistry and the inter disciplinary competitions of the Department of Computer Applications and Management Studies like EUGINIX. were the inter disciplinary programmes.

#### **5. Examination reforms implemented**

Members of the faculty are members of various Boards of Studies and have advocated syllabus revision, and flexible syllabus in Senate and Syndicate meetings.

## 6. Number of candidates Qualified: NET/SLET

Data not available

## 7. Total number of seminars/workshop conducted

No	Theme	Department
1	National Seminar on Photo Accostics and Nano Technology	Physics
2	National Conference on Management Research	Management Studies
3	National Seminar on Banking service sector	P.G. Commerce
4	National Seminar on Communication skills for students	English
5	Communication skills for teachers	English
6	Soft skills and technical writing	Computer Applications
7	Modern writing in Tamil	Tamil
7	Personality Development camp	Computer Science
8	Workshop on Macromedia	Computer Science
9	Workshop on Job Oportunities in Tourism	Tourism
10	Travail '06	Tourism
11	Gleams '06	MBA
12	Euginix-06	MBA & MCA
13	Boots 2006	MCA

## 8. Research Project

One in History

## 9. Patents Generated, if any

Nil

## 10. New Collaborative research programmes

Department of Zoology, Scott Christian college, Nagercoil and Department of Physics, N.M.C. college, Marthandam conducted research at M.Phil. level.

## 11. Total research grants received from various agencies

Rs 1,00,000/- from UGC for a minor project of Department History.

## 12. Number of research scholars

### ➤ History

M.Phil. - 15

Ph.D. - 15

### ➤ Faculty

Physics - 3

UG & PG Zoology - 1 (1 awarded)



Botany	-	2 (1 awarded)
Commerce	-	2 (1 awarded)
Tamil	-	1
History	-	3
Tourism	-	3
Computer Science	-	2
M.B.A.	-	2
English	-	1
Economics	-	1 (awarded)

### 13. Citation index of faculty members and impact factor

Dr. J. Thambi Thanka Kumaran of Physics has 38 citation. Details are given below.

1. Magnetic Hyperfine distribution in Amorphous  $Fe_{90}Zr_{10}$  Invar alloys and effect of replacing Fe with Ni & or Co. SN Kaul, C. Bansal, T.Kumaran, M.Havalgi (Physics Rev. B Vol 38, No 13, 1988) pp. 9248-9251  
(12 Citations) Impact factor : 2.5
2. A Mossbauer effect Investigation of Hyperfine fields in  $Fe_{3-x}Mn_xSi$  Alloys J.T.T. Kumaran, and C.Bansal (Solid state Communications, Vol 69, No 9, 1989) pp 779-783  
(9 citations) Impact factor : 1.5

3. Dependence of average hyperfine field of order disorder Rieties an near Neijhbour environment J.T.T.Kumaran & C..Banal (Solid state Communication Vol 74, No 10, 1990) pp 1125-1130  
(8 citations) Impact factor : 1.5
4. Improved Microprocessor Based data Acquistia system for Mossfaver Specrosopy J.T.T. Kumaran & C.Bansal (Nuclear Instruments & Methods in Physics Research B61, 1991) pp 357-363  
(2 citations) Impact factor : 1.5
5. Spin & re-entrant type behaviour of  $Fe_{3-x} MxSi$  ( $8x = 1.2, 1.5, 1.8$ ) A Chakravaithi, A Ranganathan, A.K. Rayachauduri, J.T.T. Kumaran, C.Bansal (Solid State Communications Vol 77 No 1, 1991) pp 17-21  
(1 citation) Impact factor : 1.5
6. Magnetic Behaviour  $Cr_{74}Fe_{24}$  all my investigations by Mossfaver, Spectioscopy. C.Bansal, J.T.T. Kumaran, S.J. Combell & whittle (Phys Rev B Vol/49 No 13 7111 – 7114)  
(6 citations) Impact factor : 2.5

#### 14. Honours and Awards to faculty

##### a. Paper Publication

- i. L.Padmaja, Vibrational spectral studies and the non-linear optical properties of a novel NLO Material L.Prolinium tartrate, **Journal of Raman spectroscopy**, 37:000-000, John Wiley & Sons, 2006.
- X ii. R. Isaac Jayadhas, Social Life of Fisherment at Muttom in Kanyakumari District, *Twenty Sixth Annual session proceedings*, **South Protian History congress**, Bangalore, 3-5 March 2006.
- X iii. J. Wiston, Swaleshi Movement in Tamilnadu: A Review, *Twenty sixth Annual Session Proceedings*, **South Indian History Congress**, Bangalore, 3-5. March 2006.

### 15. Internal resources generated

Sl. No	Items	Rs.	Ps.
1	CEEC – Rent	2550	00
2	Coconut Farm income	38,500	00
3	Endowment	28,245	00
4	Consultancy		
	<b>Total</b>	<b>69,295</b>	<b>00</b>

### 16. Details of departments getting SAP, COSIST / DST / FIST., etc. assistance / recognition :

Nil

### 17. Community services

- Constructed four houses two in Palliyadi , one in Gnanaram Vilai and one in Viricode
- 16 Students have donated blood
- Teachers contribute every month towards the treatment of poor cancer patients at International Cancer Centre, Neyyoor, Kanyakumari District.
- Meals and clothes were given to the children of Blind School, Irenepuram.

- Financial assistance to the Karunya Rehabilitation Centre for Mentally ill, Tholadi, Kanyakumari District.
- 100 poor students are identified and given free food at the cost of Rs. 40,000/- which is raised voluntarily from teachers and students.
- Tuition fees are given to 100 deserving students

### 18. Number of teachers and officers newly recruited

Sl. No	Name of the teachers	Department
1	Dr. Samuel Nayagom	English
2	Ms. Metilda	Chemistry
3	Ms. Sheeja Lovely	Chemistry
4	Ms. Ashlyn Krupa	Physics
5	Mr. Suthan Keissinger	Physics
6	Ms. Nalatha Vijlin	PG Commerce
7	Ms. Binitha	Management Studies

### 19. Number of teachers – Non-Teaching staff ratio

143 : 64



## 20. Improvement in the library services

Books and journals worth & Rs. 5 lakhs have been added to our library. Free internet access to the students are available in the library. Audio and video CDs are added to our library.

## 21. Number of new books/journals subscribed and their values

Sl. No	Particulars	Nos	Cost
1	Volumes of Books	1402	407472
2	Journals	28	10074
3	Dailies & magazines	63	109214
4	Video & Audio CDs	23	8012
	<b>Total</b>		<b>534772</b>

## 22. Number of courses for which students assessment of teachers is introduced and action taken on student

The college undertakes student feed back on teachers performance for all UG and PG courses. It is a regular feature of the academia.

## 23. Unit cost of education

### Aided :

Total expenses = Rs. 2, 81, 12,102.

Total students = 1927

Unit cost = Rs. 14,558

**Self financed :**

Total expenses = Rs. 1, 65, 56, 307.

Total students = 623

Unit cost = Rs. 26,575

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

Admission process, payroll, conduct certificates, library database are computerized.

**25. Increase in the infrastructural facilities**

There has been further progress in the Botany block construction.

**26. Technology up gradation**

Internet access provided to all students. Progress report automation was carried out. The old connections are replaced by Broadband

**27. Computer and internet access and training to teachers and students**

Internet access provided to all students in the library and to teachers in all departments.

## 28. Financial aid to students

Sl. No.	Items	Boys	Girls	Amount
1	Backward Class	102	321	388901
2	I Generation	286	664	1316365
3	MBC	23	43	96593
4	SC ST	27	18	1,26,871
5	Post Matric		5	7,184
6	Merrit	3	12	32,400
7	Tamil Medium	61	129	76,000
8	Nagammal Concess		10	7,750
9	Endowment	11	29	8,495
10	Church workers children	3	9	4,800
11	Research fellowship	1		30,000
	<b>Total</b>			<b>20,29,879</b>

## 29. Activities and support from the Alumni Association

The alumni has decided to give special prizes to I and II rank holders and Gold medelists in sports. It also helped 15 deserving students. It also proposes to build an auditorium.

### 30. Activities and support from the parent Teachers Association

The PTA helps the college administration to build up the infrastructure of the college.

### 31. Health services

The college car is used to take sick students home or to the hospitals as needed.

### 32. Performance in sports activities

No	Name	Event	Position
1	Edwin Jose IMA Hist	Mini Marathon MSU	5
2	Edwin Jose IMA Hist	1000 m -A Zone Inter College	1
3	Edwin Jose IMA Hist	1500 m -A Zone Inter College	1
4	Edwin Jose IMA Hist	5000 m -A Zone Inter College	1
5	Edwin Jose IMA Hist	8000 m -A Zone Inter College	2
6	Leenus L II Comp Sci	High jump -A Zone Inter College	3
7	Rajesh R II Comp Sci	100 m -A Zone Inter College	3
8	Doni Pushpa Raj II Eco	5000 m -A Zone Inter College	2
9	Rinu Lawrence I Hist	Pole vault -A Zone Inter College	2
10	Shiv Prasad I BCom	800 m -A Zone Inter College	3
11	College team	4x100 m relay -A Zone Inter College	2

Ms. Premlet Unish of I MBA has been selected to lead(Captain) the University foot ball team.



### 33. Incentives to outstanding sportspersons

To encourage sports students are given egg and milk daily and also cash awards for college day

#### (a) Students achievements and awards

The performance of students is seen to have grown over time this year the number of rank holders have increased. There has been an impressive pass percentage as seen in the table below.

Degree	Subject	% of pass
B.Sc.	Maths	77%
	Physics	89%
	Computer Science(Aided)	95%
	Computer Science (Extension)	92%
	Chemistry	76%
	Botany	94%
	Zoology	84%
B.A.	History (English)	80%
	History ( Tamil)	78%
	Economics	59%
	English Literature	70%
	Tamil Literature	94%
	Tourism	77%
B.B.A.		100%

B.Com.	Commerce	47.3%
M.Sc.	Maths	65%
	Physics	85%
	Zoology	31%
M.A.	History	79%
M.Com.	Commerce	60%
M.C.A.	Computer Application	83%
M.B.A.	Business Administration	73%
M.Phil.	History	60%

### 34. List of Rank holders

No.	Name	Department	Rank
1.	Lenin J.S.	B.A. Tourism	1
2.	John Arul Singh	M.Sc. Mathematics	1
3.	Saritha R.K.	MCA	1
4.		MBA	1
5.	Jasmine Nisha G.	B.Sc.Plant Biology & Plant Bio Technology	2
6.	Sabarinathan M.	BBA	2
7.	Prasanth S.	B.A. Tourism	2
8.		MBA	2
9.	Shyni T.S.	B.A. Tourism	3
10.		MBA	3
11.	Renjith Kumar F.K..	B.A Tourism	4

12.	Ambili T.S.	M.Sc Zoology	4
13.		MBA	4
14.	Sasikala C.	MBA	5
15.	Menaka V.	M.A. History	8
16.	Binitha T.	BBA	12
17.	Anupama R.	BBA	13
18.	Janeepha M.	B.Sc. Zoology	14
19.	Soumia	Malayalam (Part I)	15
20.	Sheeba S.M.	B.Sc. Plant biology & Plant Bio-technology	17
21.	Jasmine Imaculate Shelly	B.Sc. Zoology	18

**(b)Other Achievements in Co-curricular and Extra-curricular Activities**

No	Name	Event	Position
1	Hernald Giftson G	Drawing, Clay Modelling M.S.University Tirunelveli.	2 3
2	Gayathri .V.C	Light Music M.S.University Tirunelveli	3
3	Prem Let Unisha L	Elecution in English M.S.University Tirunelveli	2
4	Anand R.S	Verse Writing M.S.University Tirunelveli	3

5	Merlin John D.R	Instrumental Music (Tabala) M.S.University Tirunelveli	1
6	Remya Mathew	Western Music M.S.University Tirunelveli	3
7	Praison.N, Gino Rincy Rajan,Sunitha, Giftson Praveen I.N,Gayathri V.C, Annena	Group Song M.S.University Tirunelveli	3

### **35. Activities of the Guidance and Counseling Unit**

The cell conducted 2 seminars on “Who needs Counselling” one for PG & the other for UG students respectively. To create an awareness among the students about the of future prospects two seminars, one each for the PG s & for UG s, were conducted on the topic “ Future careers”.

### **36. Placement services provided to students**

The college has a placement cell which has succeeded to place 30 students.



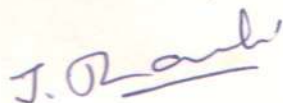
## PART - C

### PLANS FOR THE YEAR 2007 - 08

In addition to regular programmes outlined in the plan for 2006 – '07 and continuously implemented, the IQAC has prepared a plan of action for 2007 - '08 on the basis of the guidelines for re-accreditation provided by NAAC.

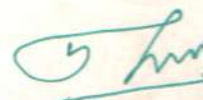
- To improve the language lab.
- To conduct language training for junior teachers by faculty from CIEFL.
- To link the department with Broadband connection.
- To strengthen research and consultancy services
- To construct the 'Women's Hostel', as the proposal is short listed by UGC.
- To dig a well in the proposed site near by Kuzhithurai river, which is to be acquired for water supply to overcome the water scarcity during summer.
- To conduct International and National Seminars with an assistance of the sponsored agencies like UGC/CSIR/DST etc.
- To send project proposals both minor & major for UGC Assistance.
- To send proposal to UGC for innovative programmes on Bio-technology.
- To send proposal to UGC to conduct IAS coaching for SC/ST & minorities.
- To provide free education to 10 students who are coming from poor background.

Name & Signature of the  
Co-ordinator IQAC



**Dr. J. Thambi Thanka Kumaran**

Name & Signature of the  
Chairperson QAC



**Dr. N. Gnanadhas**  
PRINCIPAL  
NESAMONY MEMORIAL  
CHRISTIAN COLLEGE  
MARTHANDAM.