

# THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC 2007-2008

## IQAC COMMITTEE

### Chair Person

Dr. N. Gnanadhas

### Management:

Adv. P. Dharmaraj

Dr. R. Paulraj

### Co-ordinator

Dr. J. Thampi Thanka Kumaran

### Administrative Officers

Dr. S. Dawn Dharma Roy

Mr. P. Kumaradas

Dr. S. Linsa Rethna Lal

Dr. M. Johnson

Mr. D.S. Arul Selvan

Mr. C. Thampi Sam Luther

### Local Society

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

Mr. Joe Winston, M.Tech. CEO,  
Extolutions Inc, Techno Park,  
Trivandrum.

### Teachers

Dr. M. Christudhas

Mrs. J. 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 Santhose

Mr. C. Isaac Sobanaraj

Mr. S. Jaya Kumar

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Nesamony Memorial Christian College

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

## **Name of Institution:**

**Nesamony Memorial Christian College**

**Marthandam – 629 165**

**Kanyakumari District, Tamil Nadu**

## **Report Of the year 2007-2008**

### **Part A**

#### **Plans for the year 2007-2008:**

- ❖ To improve the language lab.
- ❖ To conduct language training for junior teachers by faculty from CIEFL.
- ❖ To link the departments through 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 nearby Kuzhithurai river, which is acquired for water supply to overcome water scarcity during summer.
- ❖ To conduct national and international seminars with financial assistance from the funding agencies viz. UGC/SCIR/DST.
- ❖ To send minor & Major project proposals for various funding agencies.
- ❖ To send a proposal for an innovative programme in Bio-Technology to UGC.

- ❖ To send a proposal to UGC to conduct IAS coaching class for SC/ST and minorities.
- ❖ To provide free education to 10 students who are coming from poor background.

### **Outcome of the Plan:**

- ❖ A full time language lab teacher was appointed to guide the students in the language lab. In addition to this, Part – II English teachers occasionally took their students to the lab and helped them learn the correct pronunciation.
- ❖ The language lab is air conditioned.
- ❖ All the Departments are provided with Broadband connection.
- ❖ One Faculty member from Physics and another from History Department have been awarded Ph.D. degree.
- ❖ Two of our Faculty members, one from Mathematics and another from History have been granted guideship to guide Ph.D. scholars by Manonmaniam Sundaranar University.
- ❖ One Faculty member from History Department has successfully guided a Ph.D. Scholar
- ❖ UGC has sanctioned Rupees one crore for the construction of Women's hostel and the construction work has been started.

- ❖ A land was purchased near Kuzhithurai River and the digging of a giant well is underway. The estimated cost for this project is Rs.1.2 crore
- ❖ Awareness was given to send proposal for major/minor projects and innovative programmes.
- ❖ Proposal has been sent to conduct IAS coaching classes for minorities and SC/ST
- ❖ Free meals is being provided for 130 poor and needy students
- ❖ Fees concession worth Rs.40,000/- was being distributed.
- ❖ A major project for improvement of S & T infrastructure (FIST) was submitted to Department of Science and Technology on 24-04-2008.
- ❖ A proposal for International conference on Land Use Change, Biodiversity and Climate Change was sent to International Geographical Union, CSIR, UGC, ICSSR on 22-01-2008
- ❖ A proposal for eliciting XI plan (2007-2012) requirements of the college was sent to UGC on 29-06-2007

### **Proposals:**

<b>Sl. No.</b>	<b>Department</b>	<b>Topic</b>	<b>Funding Agency</b>	<b>Date of Submission</b>
1.	Chemistry	Studies on various ways of coagulatint Rubber latex using natural compounds	UGC	22-12-2007

2.	Physics	Studies on annealing properties on Zinc oxide-thin films	UGC	10-12-2007
3.	Computer Science	Systematic evaluation of Teaching	UGC	25-01-2008
4.	Computer Science	Design of XOR waste compressed image encryption algorithm	UGC	25-01-2008
5.	Botany	Studies on the red listed of syngnathidae & related families along the soil Indian (Tamil Nadu, Kerala) coast with special reference to the conservation aspects	UGC	12-12-2007
6.	Physics	Preparation and Characterization of tin oxide thin films	UGC	15-11-2007
7.	Botany	Biodiversity studies on the Sacred groves of southern most peninsular India	UGC	10-12-2007

- ❖ A minor project proposal has been sent by Zoology Department
- ❖ A proposal for an innovative programme on M.Sc. Biotechnology is being sent to UGC and DBT on 31-01-2008
- ❖ 1285 books and 65 journals are added to the Library this year.
- ❖ Affiliation was granted to M.Sc. Chemistry and M.Phil. Zoology courses by Manonmaniam Sundaranar University. Also, proposals were sent to get affiliation for the courses viz. M.Phil. Botany, MTM, M.Sc. Computer Science and M.A. English and B.Com. (C.A.)
- ❖ As per our request M.S. University has approved our college as one of its Distance Education Study Centre.
- ❖ The II floor of the Main Building work is in progress.

## **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 mould the intellectual, emotional and spiritual character of students.

By way of realizing our goals students of downtrodden society are enabled to get college education at a very nominal fee. The moral instruction classes and counseling sessions are conducted to instill human values and

ethics in students. They are exposed to the hard realities of life by arranging visits to home for the blind, home for the aged etc.

## **2. New Academic programmes initiated (UG/PG):**

Manonmaniam Sundaranar University has granted affiliation for M.Sc. Chemistry and M.Phil. Zoology courses.

## **3. Innovation in Curricular design and transaction:**

Some of our Faculty Members acted as members in the Standing Committee on Academic Affairs, University Boards of Studies, Boards of Autonomous Colleges and Appointment Committees in several colleges and they are taking efforts to redesign the curriculum for the coming academic year.

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

Efforts are being taken to start a course in Bio-informatics.

## **5. Examination Reforms implemented:**

Unit tests and Model tests are being conducted systematically and progress reports are being sent to the parents.

## **6. Number of candidates qualified in NET/SLET:**

As such data is not available.

**7. Total number of seminars/workshops conducted:**

<b>Department</b>	<b>Title of the Seminar</b>
English	Indian Writing in English
Physics	Nanomaterials for renewable energy
Chemistry	Nano Technology
Botany	Environmental sustainability of Westerns ghats in India
Botany	Water Resource Management
Economics	Inflation
Tourism	Paper ticket, e-ticket and global distribution system
Malayalam	Vamozhi Parampariam Malayalathil

**8. Research Project:**

Nil

**9. Patents generated:**

Nil

**10. New Collaboration Research Programmes:**

Nil

**11. Total Research grants received from various agencies:**

Nil

**12. Number of Research Scholars:**

M.Phil. History- 15

Ph.D. History- 15

M.Phil. Maths- 10

M.Phil. Physics- 10

**13. Citation Index of Faculty members and impact factor:**

Dr. J. Thampi Thanka Kumaran, Department of Physics has the following citations and impact factor.

1. Physics Review – 12 citations and impact factor 3.32
2. Solid State Communication - 9 citations and 1.6 impact factor
3. Solid State Communication - 9 citations and 1.6 impact factor
4. Nuclear Instruments and methods – 2 citations and 1 impact factor
5. Solid State Communication - 1 citation and 1.6 impact factor
6. Physical review – 6 citations and impact factor 1.5

#### **14. Honours and Awards to Faculty:**

- ❖ Dr. K. Paulraj, Department of Botany, attended an International Symposium on Asian Pteridology and Garden Show from 13-11-2007 to 17-11-2007 at Central Mindanao University, Philippines.
- ❖ Prof. C. Thampi Sam Luther, HoD of Management Studies at Saranathan College of Engineering, Chennai gave a lecture on the topic “Venture Capital in India-present scenario”.
- ❖ Also, he was a Resource person at Sairam Institute of Management Studies, Chennai and spoke on the topic, “Competitive Advantage through SCM”.
- ❖ Prof. S. Philip, HoD of English, Co-authored a Tamil book, “Vazhkai payanathil Irai Varthai”
- ❖ Dr. Prabavathy, Department of Tamil, wrote a novel, “Cholai Malai Nanperkal”.
- ❖ Dr. S. Sukumaran, Department of Botany, co-authored a book, “Paleo-Botany to Modern Botany”.
- ❖ Prof. C. Isaac Sobanaraj, Department of Chemistry, was resource person in the “Induction Training Programme for Graduate Teachers”.

### 15. Internal Resources generated:

Sl.No.	Items	Rs.	Ps.
1.	CEEC-Rent	2550	00
2.	Coconut Farm Income	40000	00
3.	Endowment	28245	00
4.	Consultancy	--	
Total		70795	00

### 16. Details of Departments getting SAP, COSIST, DST, FIST, etc.:

Nil

### 17. Community Services:

Seminars on Aids Awareness, Adolescence sex, Say – ‘no’ to tobacco along with camps in Dental Care and Eye Care were conducted in Kallankuzhi, Pallapalli, Palliyadi and Ilavilai.

The extension services committee constructed four homes for the poor under the “Home for Homeless Scheme”.

- ❖ Staff and students regularly visit the Blind School at Irenepuram, Cancer Centre at Neyyoor every month to help the poor.

- ❖ 100 students have donated blood to the needies from various places surrounding Marthandam
- ❖ Youth Red Cross conducted an Eye Camp in collaboration with Helio's Eye Hospital, Marthandam.

### **18. Number of Teachers and Officers newly recruited:**

1. Ms. T. Subitha, M.A., M.Phil. – Faculty of English
2. Ms. G. Anne Nithiya, M.A., M.Phil. – Faculty of English
3. Ms. P.V. Annie Gladys, M.A., M.Phil. – Faculty of English
4. Dr. P. David Samuel, M.Sc., M.Ed., Ph.D. – Faculty of Botany
5. Dr. S. Sukumaran, M.Sc., M.Phil., B.Ed., Ph.D. – Faculty of Botany
6. Mrs. A. Jepsa Malar, M.Sc., M.Phil., Faculty of Chemistry
7. Mrs. E.K. Kirupa Vasam, M.Sc., B.Ed., M.Phil., Faculty of Chemistry
8. Mrs. S. Viola Rose, M.Sc., M.Phil., Faculty of Chemistry
9. Mrs. R.D. Femitha, M.Sc., M.Phil., Faculty of Chemistry
10. Mrs. J. Jasmin Jancy, M.Sc., M.Phil., Faculty of Botany
11. Dr. B.D. Sheeja, M.Sc., M.Phil., Ph.D., Faculty of Botany
12. Dr. S. Jeeva, M.Sc., M.Phil., Ph.D., Faculty of Botany
13. Dr.A.Premjith Jinham, M.Sc., M.Phil., Ph.D., Faculty of PG Zoology
14. Mr. Charles R. Jepsa Singh - Faculty of Management Studies
15. Mr. J. Giftlin Iyadurai, M.A., M.Phil., Language Lab Teacher

## **Non-Teaching Staff**

1. Mrs. V. Sunitha
2. Mrs. T. Saroja
3. Mr. C.R. Jeyasekaran
4. Mr. R. Obeth Rejee
5. Mr. M. Rajendran
6. Mr. P. Dennison
7. Mr. P. Paul Stephenson
8. Mr. D.E. Sam Vasantha Lal
9. Mr. R. Sabu
10. Mr. G. Jayasekar
11. Mr. L. Jacob Bennet Rajan
12. Mr. C. Ramachandran
13. Mr. M. Emel Eber Singh
14. Mr. G. Lazer
15. Mrs. D. Pushpa Sutha
16. Mrs. H. Prema Letha
17. Mr. N. Shibu
18. Mr. C. Robert Clive

19. Mr. A. Kumaresan

20. Mr. D. Jeyasingh

21. Mr. R. Alfred

**19. Number of Teachers- Non-Teaching Staff ratio:**

146:78

**20. Improvement in the Library Services:**

Books and Journals worth Rs. 4.5 lakhs have been added to our library. Students used free internet access in large numbers.

**21. Number of books/journals subscribed and their values:**

1285 Books were purchased at a cost of Rs.3,40,607/-

65 journals and standard magazines were subscribed to at a cost of Rs.99,680/-

Newspapers and popular magazines were subscribed to at a cost of Rs.24638/-

18 CDs for Rs.4193/- were purchased

Total amount: Rs. 4,69,118/-

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

The college obtains students' feedback on teachers' performance for all UG and PG Courses.

**23. Unit Cost of Education:**

**Aided:**

Total Expenses	=	31827344
Total Students	=	1979
Unit cost	=	16082

**Self-Financing**

Total Expenses	=	17083024
Total Students	=	758
Unit cost	=	22537

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

Admission process, fees collection, attendance, Conduct/ Transfer Certificates, library database are computerized.

## **25. Increase in the infrastructural facilities:**

Botany Block has been dedicated. Foundation Stone was laid for Women's Hostel.

The construction of the second floor of the Main Block is going on.

## **26. Technology Up gradation:**

Internet access has been provided to all students. The progress report preparation and the office work have been computerized.

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

Most of the teachers are familiar in operating computers and using internet. Provisions are made available for all students also to use internet access.

## **28. Financial aid to students:**

<b>Sl. No.</b>	<b>Item</b>	<b>Boys</b>	<b>Girls</b>	<b>Amount</b>
1.	Backward Class	240	642	785067
2.	I Generation	70	120	161203
3.	MBC	25	44	63677
4.	SC/ST	19	30	125467
5.	Postmatric	-	-	-

6.	Merit	-	-	-
7.	Tamil medium	50	140	76000
8.	Nagammiar Concession	-	6	1750
9.	Endowment	14	25	24700
10.	Church Workers Children	-	-	-
11.	Research Fellowship	2	1	49000
12.	Minority Scholarship	-	-	-
13.	Management	12	38	50000
14.	Alumni	4	29	14750
15.	Others	-	-	-
Total		424	1037	1351614

### **29. Activities and support from the Alumni Association:**

The Alumni Association gives special prizes to I and II rank holders and Gold medalists in Sports. It also helped 15 deserving students.

### **30. Activities and support from the Parent Teachers Association (PTA):**

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

### 31. Health Services:

The college car is used to take the sick students to the hospital.

### 32. Performance in Sports Activities:

<b>Sl. No.</b>	<b>Name</b>	<b>Event</b>	<b>Position</b>
1.	MSU Inter Collegiate Women	Hockey	Third
2.	MSU Inter Collegiate	Cricket	Fourth
3.	MSU Inter Collegiate	Badminton	Reached Quarter Final
4.	MSU Inter Collegiate	Table Tennis	Third
5.	District Level Inter Collegiate	Aquatic Championship	Third
6.	M. Edwin Jose (M.Phil. History)	Inter Collegiate Athletic meet	Second
7.	C. Vinitha, I B.A. Tamil and M.V. Prathiba, I Economics	Represented MSU at all India South Zone – Inter University Hockey Tournament	

### 33. (a) Incentives to outstanding sports person:

To encourage sports, nutritious foods are given to sportsmen.

### (b) Students achievements and awards:

The performances of the students grow year by year. This year also, we have a very good pass percentage with a sizable number of ranks.

Degree	Subject	% Pass
B.Sc.	Maths	93
	Physics	91
	Chemistry	82.14
	Computer Science	94.1
	Computer Science (Extension)	91.6
	Botany	80
	Zoology	72
B.A.	Tamil Literature	90.3
	English Literature	94.8
	History (Tamil)	63.3
	History (English)	66.6
	Economics	35
	Tourism	76.5

B.B.A.	Business Administration	100
B.Com.	Commerce	63.4
M.Sc.	Maths	58.3
	Physics	87
	Zoology	65
M.A.	History	51.8
M.Com.	Commerce	58
M.C.A.	Computer Applications	70.8
M.B.A.	Business Administration	53
M.Phil.	History	94
	Maths	75

**34. (a). List of Rank Holders:**

Sl.No.	Name	Department	Rank
1.	John Arul Singh, J.	M.Sc. Maths	I
2.	Sudhakar, B.	M.Phil. History	I
3.	Saritha, R.N.	M.C.A.	I
4.	Serin Jacob	M.B.A.	I
5.	Lenin, J.S.	B.A. Tourism	I
6.	Archana Chandran, R.	M.B.A.	II
7.	Jasmine Nisha, G.	B.Sc. Botany	II

8.	Sabarinathan, M.	B.B.A.	II
9.	Prasanth, S.	B.A. Tourism	II
10.	Jaya Kumar, R.	M.Phil. History	III
11.	Premlet Unisha, C	M.B.A.	III
12.	Shyni, T.S.	B.A. Tourism	III
13.	Ambili, T.S.	M.Sc. Zoology	IV
14.	Ajith V.S. Thampi	M.B.A.	IV
15.	Renjith Kumar, F.K.	B.A. Tourism	IV
16.	Sasikala, C.	M.Sc. Zoology	V
17.	Menaka, V.	M.A. History	VIII
18.	Prinsalali, V.	M.Com.	IX
19.	Binitha, T.	B.B.A.	XII
20.	Anupama, R.	B.B.A.	XIII
21.	Divya, K.S.	B.A.	XIII
22.	Janeepher, M.	B.Sc. Zoology	XIV
23.	Geetha, R.	B.A. Tamil	XIV
24.	Soumia, A.	Part I Malayalam	XV
25.	Usha, B.U.	Part I Malayalam	XVI
26.	Deepthi Mol, T.	Part I Malayalam	XVII
27.	Sheeba, S.M.	B.Sc. Botany	XVII
28.	Jamine Imaculate Shelly, R.	B.Sc. Computer Science	XVIII

**(b). Other achievements in Co-curricular and Extra Curricular Activities:**

<b>Sl. No.</b>	<b>Host</b>	<b>Name</b>	<b>Event</b>	<b>Position</b>
1.	MSU Youth Festival	Sherlinath	Light Music	First
		Angel Shiny	Bharatham	First
		Senthil Kumar	Poster making	First
		Team Event	Indian Music	First
		Manoj	Mimicry	Second
		Jeslin Paul	English Song	Second
		Team event	Western Music	Second
		Team event	Cultural	Second
		Senthil Kumar	Painting	Third
		Pratheep Kumar	Elocution	Third

**35. Activities of the Guidance and Counselling Unit:**

A meeting was conducted on counseling.

### **36. Placement Services provided to students:**

The placement cell of our college has succeeded in its effort to place 26 of our students in the following companies:

Reliance Communications, ING VYSYA, ICICI Prudential, Extoliation and Tui-India, Chennai.

## **Part C**

### **Plans for the year 2008-2009**

IQAC has prepared a plan of action for 2008-2009 on the basis of the guidelines for re-accreditation provided by NAAC.

- ❖ To introduce new Research/innovative courses.
- ❖ To take steps to increase pass percentage and number of ranks.
- ❖ To encourage the faculty members to do Ph.D.
- ❖ To advise all Ph.D. holders to get guideship.
- ❖ To conduct Seminars and Workshops in every Department.
- ❖ To encourage paper publications and paper presentation.
- ❖ To establish wi-fi in MBA Lab.
- ❖ To encourage the students to participate in sports in a big way.
- ❖ To extend the playground.

- ❖ To construct additional toilets in the girls' waiting hall.
- ❖ To air-condition the Computer Labs of Mathematics and Physics Departments.
- ❖ To air-condition the Physics Research Lab and Seminar Hall.
- ❖ To conduct at least one international seminar every year.

**Name and Signature of the  
Co-ordinator, IQAC**

**Name and Signature of the  
Chair Person, IQAC**