

**ASSUMPTION COLLEGE**  
**CHANGANACHERRY**

*ANNUAL QUALITY ASSURANCE REPORT 2010 - 11*

Submitted to

National Assessment and Accreditation Council  
Bangalore

# ASSUMPTION COLLEGE, CHANGANACHERRY

## ANNUAL QUALITY ASSURANCE REPORT 2010 - 11

### PART A

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

Action Plan	Outcome
<ul style="list-style-type: none"><li>Programmes to promote concern for the environment</li></ul>	International Conference on The Green Path to Sustainability was organized from 7-9 July 2010 Open courses for the UG programmes were selected with a thrust on environmental issues
<ul style="list-style-type: none"><li>Conclusion of Diamond Jubilee Celebrations</li></ul>	Diamond Jubilee Activities were continued with various programmes (Institution of Award for Best Alumni, honouring of Retired Staff, Founder's Day Celebrations, get together of illustrious alumni from sports field), and wound up in a befitting manner in August 2010
<ul style="list-style-type: none"><li>Release of Jubilee Souvenir</li></ul>	Jubilee Souvenir Released
<ul style="list-style-type: none"><li>Housing Project for needy students of the College</li></ul>	Housing completed for 12 students
<ul style="list-style-type: none"><li>Enhance extension programmes of the Community College in collaboration with the local community</li></ul>	Conducted a three day Flower Show in collaboration with Merchants Association, Changanassery, cookery classes for local women
<ul style="list-style-type: none"><li>To seek UGC assistance for NET Coaching Centre, Equal Opportunity Cell, Day care, Floodlighting of Basketball court</li></ul>	Grant received for NET Coaching Centre, Equal Opportunity Cell, Day care, Floodlighting of Basketball court
<ul style="list-style-type: none"><li>To apply for Research projects</li></ul>	3 new minor projects sanctioned
<ul style="list-style-type: none"><li>To conduct an external audit of all departments of the College</li></ul>	2 day external audit conducted

## **Part B**

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

- Add on and Enrichment modules meant to enable students to pursue income generating activities. Exhibition cum sale of products was organized by Community College and Department of Fashion Technology. Community Nutrition programmes in neighbouring communities to propagate healthy living. Minor projects focused on women empowerment.
- Ongoing research projects for research oriented teaching-learning
- Degree programme in Fashion Technology encourages students to take active interest in the rich cultural heritage of India by organizing Craft Documentation tours to different parts of India. An annual educational seminar on Indian heritage is conducted by the students, i.e., a culmination of their one month intensive research on lifestyle, arts and crafts of various parts of India.
- To encourage the concern for environment the students of Fashion Technology Dept organize exhibition on eco-friendly jewellery and other useful products. This helps students to promote eco-fashion through use of Ayur Vastra, Khadi, natural and other eco- friendly fabrics.
- The Zoology department conducts Wildlife Week Celebrations
- Physics department encourages practices in energy conservation. Every year, they organize invited talks on environmental issues by eminent resource persons from India and abroad
- Enrichment programme of Botany Department is on Eco-friendly Agricultural practices- Bio-fertilizers and Bio-pesticides

## 2. New Academic Programmes initiated

- ✍ **Post graduate** course in **Commerce IGNOU**
- ✍ **English and Malayalam-** Add on Advanced Diploma in Journalism and Mass communication
- ✍ **MSW-** Certificate course in Counselling; Applied for foundation course in Human Rights under UGC scheme of Human Rights Education,
- ✍ **Home Science-** Certificate Course in Floral Craft
- ✍ **Commerce-** Add on Diploma in Tally
- ✍ **History-** Diploma in Tourism Studies, **IGNOU**
- ✍ Add on Diploma in Tourism Studies
- ✍ **Fashion Technology-** Applied for Certificate course in Accessory Design **NCVT**
- ✍ **Community College-** Short term certificate courses

## 3. Innovations in Curricular Design and Transaction

The following faculty members have given significant contributions to syllabus restructuring:

### **Dr. Sr. Suma Rose (History)**

- Chairperson of II PG Board of Studies

### **Sr Philomenamma John, Dept of Home Science**

- Member PG&UG combined BOS for Home Science, MG university 2010 onwards

### **Ms Manjulin Jacob, Dept of Home Science**

- Member, BOS for UG Home Science, MG University.
- Expert Committee Convenor-CBCSS- Board of Studies for Fashion Technology, MG University
- Member PG &UG combined BOS for home science MG university

Our teachers in consultation with NIFT graduates and other subject experts from various universities designed and modified the curriculum of UG in Fashion Technology from Semester system to Choice Based Credit and Semester System (CBCSS)

#### **4. Interdisciplinary Programmes started**

All Open courses of the U G Programme under CBCSS are interdisciplinary.

All Enrichment Modules offered by the Departments and those offered by the Community College are interdisciplinary

#### **5. Exam Reforms Implemented**

Internal Assessment tests are conducted for all classes uniformly in the zero hour (before regular classes in the morning). A centralized Examination Committee draws up the timetable and conducts the internals for the whole college

#### **6. Candidates qualified NET/SLET**

<b>NET -6</b>	<b>SET-5</b>
Zoology-1	Zoology-2
English-4	Chemistry-3
Chemistry-1	

#### **7. Initiative towards Faculty Development Programme**

One faculty member joined for M Phil and four teachers are continuing their research work under FIP. Rs 5,31,738/- was received from UGC as FDP grant.

#### **No of teachers who attended Refresher Courses -4**

##### **Participation in**

International Seminars	-	4
Subject related national seminars	-	13
Others	-	14
State level	-	8

## Paper Presentations

At subject related International Seminars -	11
National Seminars	- 10
Others of a general nature	- 14

## 8. Total number of seminars/workshops conducted:

International	- 1
National	- 1
Others	- 20

## 9. Research Projects

### a) On-going

### Major Research Projects of UGC-

- Dr Sr Rosamma Mathew, Dept of History- *The struggle for Women rights and Liberation in Kerala.1900 – 1947*

### New

- Manjulin Jacob, Dept of Home Science and Dr.Sr.Mercy Nedumpuram, Dept of Botany- *Empowerment of Women through Income Generating Tailoring and Surface Embellishment Techniques*

### Minor projects of UGC

#### New projects 2010-11

- Students of The Department of MSW *Effectiveness of Community Policing in Pathanamthitta District,*
- Dr.Jikcey Isaac, Dept of Mathematics- *An Approximate Confidence Regions in Calibration Model: Measurement of Marathon Running Courses*
- Sr. Thresiamma Devasia, Dept of Computer Science- *Automatic Early Stage Symptom Detection for Glaucoma Infected Patients Using Image Processing Techniques*

## **b) Completed**

- Dr Sr Mariamma Joseph, Dept of Botany- *Biodiversity Conservation (with awareness and action components)* Centre for Environment and Development under NEAC Scheme Nov 2010 – March 2011
- Dr Regimol C Cherian, Dept of Physics- *Gamma radiation Sensor based on metal phthalocyanine thin films* 2009-10
- Dr Marykutty C V, Dept of Chemistry- *Double Network Natural Rubber* 2009-2010
- Ms Linz Tom, Dept of Computer Science- *Cellular Revolution- its hazards and impacts* 2009-2010
- Sr Philomenamma John, Dept of Home Science- *Prevalence of Anaemia and the Impact of the Intervention among Selected Higher Secondary Adolescent Girls (16-18 yrs) of Changanacherry Taluk of Kerala. 2009-2010*

## **10. Research Grants Received**

Total grants received for major and minor projects - Rs. 11.012 lakhs

## **11. Details of Research Scholars**

Teachers Pursuing Research	-	10
Teachers pursuing M Phil	-	2

## **Publications by teachers**

International Journal	-	2
National Journal	-	4
Proceedings	-	7
College Journal	-	2
Magazine	-	3

Book publication	-	1
No of teachers as co-authors of textbooks-		2

## 12. Honors/ Awards to faculty

- Chemistry- **Ph D-1**
- **Whyni Gopi - Best Paper Presentation Award** at **National Seminar** on New Faces of Women Empowerment,13–14 Jan 2011 at Vimala College, Thrissur,

## 13. Internal Resources Generated

Mission Day Collection	- Rs 1,06,650/-
Fasting Day	- Rs. 30.300/-
Fund for Housing Scheme-	Rs. 2, 45, 000/-

## 14. Community Services

### *Extension Activities & Consultancy*

#### **Botany**

Department has organized the following activities:

- Dr Sr.Mariamamma Joseph is the Co-ordinator of the **Quality Life Education Programme** sponsored by Jyothirgamaya Moovatupuzha from 2002 onwards
- An awareness programme for the parents of the neighbouring Mattom Colony is conducted as a part of the “Quality Life Education Programme “at Assumption Jubilee Memorial Hall at the Colony every year during the month of June.Study Materials (School bags, Books, Tiffin Boxes, etc) are distributed to 32 students of Mattom Colony under the “Quality Life Education Programme”

#### **Mathematics**

- **Mathematics Advancement Programme for Schools** (MAPS 2010-11) on 20<sup>th</sup> January 2011. 50 Higher Secondary school students participated the programme.



- A **reach-out programme** was conducted for final year students under the leadership of Prof .Rosamma V.A, Ms. Ann Mary Philip to the House of Providence, Kunnathanam on 28<sup>th</sup> October 2010.
- **Collaborative work** with Community College -Engaging **coaching class** for various competitive examinations like PSC test, Bank test etc.

### **Computer Science**

- A **seminar** cum exhibition on Computer Hardware was conducted for school students
- A **workshop** on “Disaster of e-waste” was organized for wards 33 and 34 of Changanacherry Municipality.

### **Home Science**

- **Community nutrition camps** are conducted in neighbouring community; eg. Preparation of formulated recipes for general health and for therapeutic benefits using locally available ingredients; awareness programmes among local communities. **Developing software package** for imparting nutrition education on lifestyle diseases, anemia etc

### **Community College**

- Cookery classes were conducted with 45 participants including teachers, students and house wives to attend the class
- Bank & PSC Coaching Class led by experts in various fields were organized for Dalit Catholics on Saturdays and public holidays.
- Inaugural function of the *Akshaya Kottayam Kalalayam* was organized by APACC on 6 August 2010. It is a joint programme of Assumption College, APACC, Kerala State IT Mission and Akshaya project Kottayam. Kalalayam is a Malayalam website for all aided colleges.
- Comprehensive Health Insurance Scheme (CHIS) registration done through APACC Akshaya from August 5<sup>th</sup> 2010 to August 11<sup>th</sup> 2010. 24 families registered. This programme was done in association with CHIAC and United India Insurance Company Ltd.

- From 2nd October onwards the online registration for CHIS for the BPL families also was started. It still in process and many families are registering for it.
- Birth and Death Registration Data Entry works going on through APACC Akshya at Changanacherry Municipality.
- Ration Card online registration done through APACC Akshaya on 10<sup>th</sup> January 2011. At present 14 families registered and still continuing.

**15. Teachers newly recruited- 5**

**16. Teaching- Non teaching staff Ratio - 2.36**

**17. New books/journals subscribed and their value**

**Books**

No of books purchased- 488

Amount- Rs 508753

**Journals**

New Journals Subscribed- 44

Amount - Rs 164801/-

**18. Courses in which student assessment of teachers is introduced**

All courses

**19. Unit cost of Education- Rs. 15,205/- (excluding salary component)**

**20. Computerization of administration, admissions, exam results**

Admission procedure is computerized, computerized ID cards, students data base, internal assessment marks etc are sent online, administration is partially computerized

**21. Increase in infrastructural facilities**

Purchase of land, construction of PG hostel, construction of Student Amenities Centre is underway, Day care centre, renovation of departments and labs

## **22. Technology upgradation**

### **Physics**

- 9 more computers added making a total of 18 computers during the year 2010-2011.

New computer lab opened for PG (Physics) with 14 computers. One computer and a laser printer in the department for the use of teachers.

- Two OHPs and a slide projector
- 1 Laptop (Toshiba), 1 LCD Projector (Panasonic) and 1 Digital Visualizer (Genee Vision) purchased during 2010-11
- 2KW UPS added in the PG Computer lab(2010-2011)
- One more UPS with a Capacity of 2KW installed in the UG Lab 2011-12
- Voltage Stabilizer for the UG lab is installed in 2011-12 (5KVA)
- UG, PG and Project Lab provided with facilities for doing almost all the experiments in the syllabus.

### **General**

- LCD projectors and printers for the departments, Smartboard, Visualiser for Home Science Department, new softwares

## **23. Computer and internet access and training to teachers and students**

The college offers 24 hour internet access. Apart from department computer labs attached to some individual departments there is a general computer lab for use by staff and students. The library offers free internet services. Each department has its own system for use by teachers and students.

## **24. Financial aid to students**

Funds for Study tours are forwarded from the college to needy students. Substantial fee concessions are given in deserving cases. A number of scholarships are distributed on merit cum means basis.

## **25. Activities and support from the alumni association**

The Alumni Association conducts an annual general body meeting. The association is keenly interested in the development of the College. Last year our alumni members instituted endowment scholarships worth Rs. 10 lakhs for students of the

College. The Association also instituted and awards **Best Alumni Award** sponsored by the American Chapter.

## **26. Activities and support from PTA**

The PTA offers steady support to the sports women of the college through supply of notebooks etc. PTA also recognizes student achievers with cash prizes in the annual general body meeting. Apart from this annual meeting all parents are given orientation sessions to familiarize them with the facilities and general practices of the College at the beginning of each year.

## **27. Health Services**

The College makes use of the services of a local doctor in case of emergency situations.

## **28. Performance in Sports Activities**

Achievements of sports and games for the year 2010 – 11

<b>Total No. of trophies</b>	-	38
Winners	-	28
Runners up	-	10
<b>International Participation</b>	-	3
<b>Details of Individual Medals Secured</b>		
<b>National level</b>	-	18
Gold	-	14
Silver	-	4
Participation	-	16
<b>All India Inter University</b>	-	10
Gold	-	5

Silver	- 2
Bronze	- 3
Participation	- 40

#### **M.G. University Inter Collegiate Individual Medals**

Gold	- 18
Silver	- 18
Bronze	- 9

#### **State level Medals**

Gold	- 16
Silver	- 11
Bronze	- 6

#### **Participation of our students at**

International level-3

National Level-35

Interuniversity level-50

**Two** of our alumnae represented the Indian Athletic team at the **Commonwealth Games 2010**

#### **29. Incentives to outstanding sports persons**

We have three College Sports hostels under the sports hostel scheme of Kerala Sports Council- Athletics, Volleyball and Basketball. The Council meets the boarding expenses and washing allowance of all the sports hostel students. They are given Sports Kits and provided with the service of qualified coaches.

#### **Details of free ships given to sportswomen**

Free accommodation in the Hostels- **82**

Free Mess in the Hostel- 33

College fee- **82**

#### **Scholarships and merit awards availed by sports stars**

No. of students who received MG university sports scholarship- 23

University merit award-10

### 30. Student achievements and awards

13 *University Ranks*- PG - 2  
UG -11

#### Other achievements

- ✎ Literary events-14
- ✎ Quiz -14
- ✎ Paper presentation-2
- ✎ Fine Arts -2
- ✎ Our Commerce students won prizes in Best Manager, Product Launch at three intercollegiate Commerce Fests
- ✎ **Nicin Susan Varghese** was **Compeer** at Cultural Event 2010 of Fine Arts Society, Kochi
- ✎ Rachna Renukumar **represented M G University** in the **NSS Mega Camp** organized by NSS at New Delhi from 1-30 Sept 2010
- ✎ Our 2<sup>nd</sup> year student, Ms. Pushpa Mathew was selected for cover face of Vanitha, the leading women's magazine (June 2010)
- ✎ The garment design and jewellery design collection of our students Ms. Anu Sunny, Ms. Mittu Antony, Ms. Kripa Thankachan, and Ms. Asha Antony were published in Vanitha.
- ✎ The garment designed by Miss Bindhya Nelson (III BFT) was published in the Fashion Columns of Metro Manorama in July 2009 & Feb 2010 and that of Miss Revathy S. Nair in Jan 2010

### 31. Activities of Guidance and Counseling Unit

Full time Counseling facilities are available in the campus and students are directed to counselors by mentors. One session a week is allotted for mentoring where 30 students are allotted to one teacher for personal and academic counseling. Orientation classes are given to all students and final year students are given an annual life guidance programme.

### 32. Placement Services provided

**Four** outstanding sportswomen were placed in South Central Railway and KSEB.

Through the placement drive arranged by the College Placement Cell, **six** of our III B.Com students were selected by Outsource Partners International on 10<sup>th</sup> December 2010 and **two** students were selected for the Final Interview by HCL Technologies Chennai on 21<sup>st</sup> January 2011. **Four** students of Bsc Physics were placed in IT firms. The week long Career Fest organized by the Career Guidance and Placement Cell introduces students to emerging career options and provides a platform for the students to interact with representatives from various firms. Anugi Aleena Tom, IIIrd year BCA got *placement* through *Campus Recruitment in Cognizant Technology Solutions (CTS)* which was conducted on 11/12/2010 (Aptitude Test) and 18/12/2010 (Interview)

### 33. Development programmes for non teaching staff

Computer training is given to non teaching staff who deal in the computerized sections. Orientation sessions are also given occasionally.

### 34. Healthy practices of the institution

- ✎ Intercollegiate and interdepartmental competitions as well as expert lectures are organized by all departments.
- ✎ The **Folklore Club** of the Malayalam Department conducts surveys on Folk songs (Koythupattu), Folk food traits and rare folk Medicines It also presents folk arts for school students as an extension activity to familiarize them with these traditional arts. The Club conducted a *folk day celebration* on 25<sup>th</sup> January 2011
- ✎ **Art film shows and Talks about cinematography**
- ✎ Cultural study tours
- ✎ The Department of Malayalam started a **website named Kalalayam** in collaboration with Community College for ICT oriented Learning experience. It is a **state level collaboration with Akshaya Padhathi** of Govt. of Kerala. Our Faculty members and Students Published their e-journals in that

- ✕ Assumption Yuva Kavayithri & Yuva Kadhakari awards are sponsored by the faculty of the Malayalam Department for the Best Short Story writer and the Best Poet of the College
- ✕ II PG Students of History and Physics and English attended international/national seminars at other colleges
- ✕ Industrial visits and field visits are arranged by many departments
- ✕ Days like World Environment Day, World Population Day, Red Ribbon Day Reading Day, Anti-Narcotic Day, Diabetes Day, Teachers Day, Ozone Day, Friendship Day etc are observed with special programmes
- ✕ 'Student Diary' was designed by the Mathematics dept for its students to record their daily report which is checked by the mentor
- ✕ The garments made by our Fashion Technology students were exhibited in three exhibitions- Craft Documentation; Creazione (surface ornamentation exhibition); Enlight (Textile Design Exhibition) within the campus creating awareness among students and the public on the possibilities and processes involved in the Fashion field

### **35. Linkages developed with National/ international, academic/ research bodies**

#### **Collaborations:**

#### **Chemistry**

- Rubber Research Institute of India (RRI)
- Changanacherry Social Service Society (CHASS).

#### **Fashion Technology**

- NIFT-TEA Knit Wear Fashion Institute.

#### **Zoology**

- Dairy Training Center, Kottayam
- Integrated Fisheries Project, Ernakulam
- Central Institute of Fisheries Technology Ernakulam
- Cashew Export Promotion Council, Kollam
- Agriculture Rural Research Institute, Kottayam
- Mithranikethan, Vellarada, Thiruvananthapuram.



## **Physics**

- SB College, Changanassery
- Govt. College, Kottayam
- St.Aloysius College ,Edathua
- MG University Kottayam
- NS S College, Changanassery

## **Oriental Languages**

- State Folklore Academy

## **History**

- ◆ National Museum, New Delhi.
- ◆ Kerala Council of Historical Research
- ◆ Department of History, University of Kerala.
- ◆ Institute for Research in Humanities and Social Science.
- ◆ Department of Archaeology Government of Kerala.
- ◆ Centre for Heritage Studies, Thrippunithura

## **Department of Social work**

IGNOU, ALL INDIA RADIO

Kerala police- Community Police - Pathanamthitta district

Velliyamattom Grama Panchayath

Changanacherry Municipality

District Kudumbasree Mission, Kottayam & Pathanamthitta

Mental health centre, Perrokada, TVM

Vazhappally cooperative bank

Vazhappally Panchayat

Natakomb Gramapanchayat

Kurichy Gramapanchayat

Vakathanam Gramapanchayat

Paippadu Gramapanchayat

Madappally Gramapanchayat

Kerala State AIDS Control Society

Kerala State Women Development Corporation  
Kerala State Womens Commission  
Ministry of Home Affairs  
Juvenile home, Thiruvanchoor  
Prison Head Quarters, TVM

## **FIELD WORK & COMMUNITY PROGRAMMES**

Archana Women's Centre, Chass, KSS, BODHANA, KDS, ASK  
St. Johns National Academy of Health Sciences, Bangalore  
Sreeramachandra University, Chennai  
St. Marthas Hospital, Bangalore  
Christain Medical College Vellore,  
Sree Chitra Thirunal Institute Of Medical Sciences And Technology,  
Malabar Institute of Medical Sciences,  
Amritha Institute of Medical Science,  
All India Institute of Medical Sciences and Technology  
Pushpagiri Medical College, Tiruvalla  
Institute of mental health & Neuro sciences , Kuthiravattom  
Medical Centre, Ernakulam  
MJM hospital, Edathua  
Anathapuri Hospital and Research Centre

### **Botany**

- Tropical Botanical Garden and Research Institute (TBGRI), Palode
- Changanacherry Social Service Society (CHASS)
- Krishi Vigjan Kendra (KVK) Kumarakom
- Jyothirgamaya, Moovatupuzha

## **36. Any other relevant Information**

### **Resource Persons**

- Ms Rosamma V A (Dept of Mathematics) -Subject Expert *for Selection of teachers of schools*

- Dr. Susy Joseph (Dept of Malayalam) - *Moderated a session in the national seminar conducted by S.B college Malayalam Department on 15th January 2011*
- *Set Question paper for C.M.S College of Arts & Commerce College (autonomous) Chinnavedampatty in 2010 October and 2011 March*
- Anne Mary Joseph (Dept of Home Science) - resource person *at Seminar on Home Making skills conducted by Womens Cell- Bishop Moore College, Mavelikara on 6/12/2010*
- Ms Maria Alphonse (Dept of Physics) - resource person *in Workshop on Experimental Physics sponsored By Indian Association of Physics teachers, India, March 7,8 &9 2011*
- Dr. Regimol C Cherian (Dept of Physics)- Resource person *in the Workshop on Experimental Physics sponsored By Indian Association of Physics teachers, India, March 7,8 &9 2011*
- *Editor of Handbook published in connection with Workshop on Experimental Physics and Co-ordinator of the Workshop*
- Ms. Jissy Mathew (Dept of Chemistry) Invited speaker *in National Workshop on Synthesis, Characterisation and Applications of Nanomaterials held from 12<sup>th</sup>-14<sup>th</sup> January 2010 organised by Centre for Nanoscience and Nanotechnology, M. G. University.*
- Sr. Thresiamma Devasia (Dept of Computer Science) appointed *as the Regional Secretary, Kerala Southern Region, Xavier Board of Higher Education India.*
- Ms Anna Mary Scaria (Dept of Fashion Technology) - judge *for corporate show 'SIMTHESIS'-2010 at St Git's Institute of Management, Pathamuttom in Oct 2011*
- Involved in consultancy service with *'Parackal Fine Arts, Changanacherry, Kerala in sculpture costume designing*
- Designed *uniform for School Band, SB Higher Secondary School, Changanassery*
- **Community College-** *The Apparel section designed the dress for the band-set of the mentally retarded students of Assiso vidyalayam, Alleppey. This task was undertaken in collaboration with Chass*

### **Part C: Plans of the institution for the next year**

- To apply for new academic programmes- UGC sponsored innovative courses and PG and UG courses from state government
- To initiate international and national tie ups for academic purposes

- To organize seminars/conferences at international, national and state levels with financial assistance from various agencies
- To enhance infrastructure facilities such as PG hostel, auditorium, roofing of Basketball Court etc
- To acquire more teaching aids
- To arrange noon meal programme and financial assistance for needy students
- To utilize UGC funds received for the Equal Opportunity Cell, Day Care Centre etc
- To step up preparations towards the next NAAC accreditation

Signature:

Name: Dr Regimol C Cherian

Co-ordinator, IQAC

Signature:

Name: Dr Sr Rosamma Mathew

Chairperson, Chairman