

# The Annual Quality Assurance Report (AQAR) of the IQAC

2013 - 14

## Part - A

### 1. Details of the Institution

1.1 Name of the Institution

Women's Christian College

1.2 Address Line 1

No.51, College Road

Address Line 2

Nungambakkam

City

Chennai

State

Tamil Nadu

Pin Code

600 006

Institution e-mail address

[info@wcc.edu.in](mailto:info@wcc.edu.in) / [principal@wcc.edu.in](mailto:principal@wcc.edu.in)

Contact Nos.

044 - 28275926 / 28276798

Name of the Head of the Institution:

Dr Mrs Ridling Margaret Waller

Tel. No. with STD Code:

044 - 28275926 / 28276798

**Mobile:**

**Name of the IQAC Co-ordinator:**

**Mobile:**

**IQAC e-mail address:**

**1.3 NAAC Track ID (For ex. MHC0GN 18879)**

**1.4 NAAC Executive Committee No. & Date:**  
*(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner- bottom  
of your institution's Accreditation Certificate)*

**1.5 Website address:**

**Web-link of the AQAR:**

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle			1998	-
2	2 <sup>nd</sup> Cycle	A	-	2005	
3	3 <sup>rd</sup> Cycle	A	3.43	2012	2017

**1.7 Date of Establishment of IQAC:**

1.8 AQAR for the year *(for example 2010-11)*

2013 - 14

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC *(for example AQAR 2010-11 submitted to NAAC on 12-10-2011)*

- i. AQAR 2010-11 submitted to NAAC on 09/02/2012
- ii. AQAR 2011-12 submitted to NAAC on 09/04/2013
- iii. AQAR 2012-13 submitted online

**1.10 Institutional Status**

**University** State  Central  Deemed  Private

**Affiliated College** Yes  No

**Constituent College** Yes No

**Autonomous college of UGC** Yes  No

**Regulatory Agency approved Institution** Yes  No

*(eg. AICTE, BCI, MCI, PCI, NCI)*

**Type of Institution** Co-education  Men  Women   
Urban  Rural  Tribal

**Financial Status** Grant-in-aid  UGC 2(f)  UGC 12B   
Grant-in-aid + Self Financing  Totally Self-financing

**1.11 Type of Faculty/Programme**

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

**Others (Specify)**

**1.12 Name of the Affiliating University (for the Colleges)**

**1.13 Special status conferred by Central/ State Government--  
UGC/CSIR/DST/DBT/ICMR etc**

Autonomy by State/Central Govt. / University

University with Potential for Excellence  UGC-CPE

DST Star Scheme  UGC-CE

UGC-Special Assistance Programme  DST-FIST

UGC-Innovative PG programmes  Any other (Specify)

UGC-COP Programmes

**2. IQAC Composition and Activities**

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No.  Faculty

Non-Teaching Staff  Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

**2.13 Seminars and Conferences (only quality related)**

**(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC**

Total Nos.  International  National  State  Institution Level

## CONFERENCES / SEMINARS ORGANIZED

1. **An International Conference on 'Current Perspectives in Educational Psychology'** was organized by the **Department of Psychology** in collaboration with **the School of Social Sciences, Tamil Nadu Open University** on **28<sup>th</sup>& 29<sup>th</sup> November 2013**.
2. A **National Seminar on 'Transforming lives with Fitness Nutrition'** was organized by the **Department of Home Science** on **4<sup>th</sup> September 2013** to commemorate the **National Nutrition Week** celebrations.
3. A **National Conference on 'Aagami Dashkon Me Hindi: Swaroop Avam Sambhavnayen'**, partially funded by the University Grants Commission was organized by Dr Sunitha Rani of the Department of Languages - Hindi on **14<sup>th</sup> & 15<sup>th</sup> February 2014**.
4. The UG & PG Department of Mathematics organized a **National Symposium on 'Mathematics and Computer Applications'**, sponsored by the Tamil Nadu Science and Technology Centre, Govt. of Tamil Nadu on **15<sup>th</sup> March, 2014**.

## ENDOWMENT LECTURES, CAMPAIGNS & INTERCOLLEGIATE EVENTS

5. The **Ammu Mathew Endowment** workshop in Theatre organized by the **Department of English**, was held on **20<sup>th</sup> July 2013**. A distinguished alumna of the Department, **Nirupama Nithyanandan**, a renowned Bharatanatyam exponent and theatre practitioner who graduated in 1983, enthralled the college community in a session entitled "*In conversation with Nirupama*".
6. **The Internal Quality Assurance Cell (IQAC)** of the College conducted a **Faculty Development Programme** for 150 faculty members on '**Transforming for Excellence**' on **1<sup>st</sup> August 2013**. **Dr Viji George, President, Concordia College, New York, USA**, was the resource person.
7. WCC in collaboration with CCF (Chennai Corporate Fellowship) and CPF (Christian Professionals and Business persons Forum) organized a one-day **Leadership Seminar for Christians** on "**7 habits of Highly Effective Disciples - Lessons from the Life of Nehemiah**" on **15<sup>th</sup> August 2013**, focusing on Leadership & Personal Effectiveness.
8. A workshop on **Compassionate Communication** was organized by All India Association for Christian Higher Education, New Delhi on **4<sup>th</sup>& 5<sup>th</sup> October 2013** for College Students.

9. The **Postgraduate Department of Communication** conducted a **Public Relations Campaign** titled '**Sowkhyam**' with emphasis on **Thalassemia** – a Genetic blood disorder on **10<sup>th</sup> October, 2013**.
10. An **Endowment Lecture** in memory of **Dr Florence Theophilus** was organized by the **Department of Home Science** on **24<sup>th</sup> October 2013**. **Prof K Srinath Reddy**, President, Public Health Foundation of India, New Delhi and recipient of Padma Bhushan, delivered the lecture on 'A Comprehensive Nutrition Response to the Global Epidemic of Non-communicable Diseases'. His oration on 'Good, Bad and Ugly Fats and Lessons on a Healthy Balanced Diet'.
11. On **28<sup>th</sup> January 2014**, the **Department of Languages** invited Dr Rajesh Kumar from the Department of Humanities & Social Sciences, IIT, Madras to deliver the **Rukmini Lakshmipathy Endowment Lecture** on '**Speech is the mirror of the soul – as we speak so are we**'.
12. A workshop for staff and students on **Actuarial Mathematics** was organized by the **Department of Mathematics** on **23<sup>rd</sup> January 2014**. Dr M R Srinivasan, Head, Dept of Statistics, University of Madras and Mr R Sathyanarayanan, Assistant Divisional Manager, L.I.C of India were invited.
13. The **Dr Renuka Mukerji Somasekhar Endowment Lecture** was organized on **5<sup>th</sup> February 2014** by the **Department of Plant Biology & Plant Biotechnology**. **Tara Gandhi, Vice-President** at the Madras Naturalists' Society in her lecture on '**Saving Nature in a City**' highlighted the extraordinary varieties of ecosystems in India and explained the economical, cultural, aesthetic and intrinsic value of Nature.
14. The **Department of Computer Science** organized an **Inter-collegiate Technical Meet** on **19<sup>th</sup> February, 2014** for which **two Distinguished Alumnae** of the Department, **Ms Eva James, Director, iNautix Technologies** and **Ms Adeline Andrews, Vice-President, Polaris Financial Technologies** were invited to address the students.
15. The **Department of Commerce**, conducted a workshop on "**Convergence of Commerce Education - An Arena to Explore and Excel**" on **24<sup>th</sup> February 2014** highlighting the importance of commerce education and the challenges in the context of globalization.
16. The **Department of Chemistry** organized the **Dr Shoba Ramakrishnan Endowment Lecture** on **28<sup>th</sup> February 2014**. **Dr G Sekaran, Chief Scientist**, Department of Environmental Technology, Central Leather Research Institute delivered the lecture on 'Water-Resources, Demand & Contamination' a topic pertinent in the current scenario.
17. The Department of **Advanced Zoology & Biotechnology** organized the **Rachel Philip Endowment Workshop** on '**ELISA - Technique and its Applications**' by Dr Ravi, Department of Human Genetics, Sree Ramachandra Medical University assisted by a

former illustrious student, Asha Palat of the Department of Zoology on **3<sup>rd</sup> & 4<sup>th</sup> March 2014**.

18. **Ms Ranjini Manian, CEO of Global Adjustments**, a cross cultural services company delivered the **Vera Augustus Endowment lecture** on **'Gender Intelligence'** through a humorous, powerful and thought provoking presentation on **7<sup>th</sup> March 2014**, **The Sraina Puraskar Award** instituted by **Dr Prema Kasthuri**, retired Head of the Department of History was awarded to **Vaishnavi Jayakumar**, former student of the Department of English and Founder of **Banyan - a Shelter for the Homeless and Mentally ill Women**. This program was organized by the **Department of History**.
19. **A special event was organized by the College on 24<sup>th</sup> March 2014 in memory of the Mahatma's visit to the college 89 years ago**. The **Chief Guest Ms V R Devika, Cultural Activist** (founder-trustee of Aseema, a non-profit organisation) addressed the gathering and requested the students to have a holistic approach to history. A **presentation** on the theme **'Simple Living, High Thinking Mahatma - the Law of Attraction'** was made by **Ms Titty Elizabeth Philips, Associate Professor & Head, Department of History**. The students clad in ethnic wear depicted the theme of **'Unity in Diversity'** by lighting earthenware lamps and placing them on an outline of India. The lighting of the lamp was significant too, since the college motto is **"Lighted to Lighten"**. The programme concluded with an inter-collegiate quiz competition hosted by **Mr Ravi Seshadri, Vice-President & Chief Compliance Officer, Bharti AXA General Insurance**. The team from IIT won the quiz.

#### 2.14 Significant Activities and contributions made by IQAC

- Conducting SWOC Analysis.
- Streamlining admission process.
- Monitoring student progression through counselling.
- Organising Conferences.

#### 2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Outcome
SWOC Analysis	Conducted on 11 <sup>th</sup> to 13 <sup>th</sup> February 2014



Faculty Development Program	Conducted on 1 <sup>st</sup> August 2013
Streamlining of admission process	Submission of Application forms online
Conduct of Conferences	One International and three National Conferences conducted

*\* Attach the Academic Calendar of the year as Annexure.*

**2.15 Whether the AQAR was placed in statutory body**      Yes       No   
Management       Syndicate       Any other body

**Provide the details of the action taken**

To strengthen our International Collaborations - a new Teaching-Learning initiative was organised. Six distinguished Faculty from Concordia College, New York, USA, conducted the following Certificate Courses in WCC from 29<sup>th</sup> July to 10<sup>th</sup> August 2013.

As part of our nation-building and CSR initiative students were engaged in social welfare programs in the village adopted by the College. The Management helped procure a 20 seater Air conditioned van to facilitate visits to the village by students and faculty.

## Part - B

### Criterion - I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	2	-	-	
PG	10	1	8	
UG	19	-	8	
PG Diploma	-	-	-	-
Advanced Diploma	1	-	-	-
Diploma	2	-	1	-
Certificate	9	-	1	4
Others M.Phil.	4	-	-	-
<b>Total</b>	47	1	18	4

Interdisciplinary	5	1	-	4
Innovative	-	-	-	1

1.2 (i) Flexibility of the Curriculum: **CBCS** /Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	All Degree programmes
Trimester	-
Annual	Certificate / Diploma / COP programmes

**1.3 Feedback from stakeholders\*** Alumni #  Parents  Employers#  Students   
(On all aspects)

**Mode of feedback** : Online  Manual  Co-operating schools (for PEI)

*\*Please provide an analysis of the feedback in the Annexure*

# Employers from companies and alumnae from reputed organisations are members in the Board of Studies and Academic Council. They provide valuable input for the growth and development of the College.

**1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.**

Regular revision of Syllabus done, new courses are introduced when necessary and existing courses are updated.

**1.5 Any new Department/Centre introduced during the year. If yes, give details.**

Yes - M.A. English

## Criterion – II

### 2. Teaching, Learning and Evaluation

#### 2.1 Total No. of permanent faculty

Total	Assistant Professors	Associate Professors	Professors	Others
176	128	44	-	4

**2.2 No. of permanent faculty with Ph.D.**

**2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year**

Asst. Professors		Associate Professors		Professors		Others (Guest Lecturer)		Total	
R	V	R	V	R	V	R	V	R	V
12	-	-	-	-	-	25	-	-	-

**2.4 No. of Guest and Visiting faculty and Temporary faculty**

25
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**2.5 Faculty participation in conferences and symposia:**

No. of Faculty	International level	National level	State level
Attended	11	53	51
Presented	36	45	1
Resource Persons	-	-	24

**2.6 Innovative processes adopted by the institution in Teaching and Learning:**

Service Learning Programs to make learning more experiential were adopted by the Departments of Zoology and English.

**2.7 Total No. of actual teaching days during this academic year**

180
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**2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)**

- The question papers set by the External Examiners were scrutinized by subject experts from other Institutions.
- Only External Examiners with more than 5 years of experience were selected.
- Hall tickets with the photograph of the student were issued.
- Double Evaluation is followed

**2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop**

All Faculty members are involved

**2.10 Average percentage of attendance of students**

90.5%

**2.11 Course/Programme wise distribution of pass percentage:**

**Shift I**

Title of the Programme	Total No. of students appeared	Division %					
		Exemplary	Distinction	I	II	III	Pass
<b>B.A./B.Sc. - 2011 - 2014</b>							
HISTORY	35	-	14	34	29	3	80
ENGLISH	54	-	6	52	30	9	96
MATHEMATICS	51	8	8	49	24	3	92
PHYSICS	30	-	20	40	14	3	77
CHEMISTRY	34	-	6	38	35	-	79
PLANT BIOLOGY & PLANT BIOTECHNOLOGY	26	-	8	31	34	15	88
ADVANCED ZOOLOGY & BIOTECHNOLOGY	39	-	15	31	36	3	85

NUT, FSM & DIETETICS (VOCATIONAL STREAM)	27	-	19	33	26	-	78
NUT, FSM & DIETETICS (GENERAL)	27	-	22	52	19	-	93
COMPUTER SCIENCE	49	-	16	39	33	4	92
PSYCHOLOGY	42	-	14	55	21	-	90
<b>M.Sc. - 2012 - 2014</b>							
APPLIED PSYCHOLOGY	16	-	25	69	-	-	94
FOOD SERVICE MANAGEMENT & DIETETICS	9	-	67	33	-	-	100
FOODS AND NUTRITION	16	-	38	50	6	-	94

## Shift II

Title of the Programme	Total No. of students appeared	Division %					
		Exemplary	Distinction	I	II	III	Pass
<b>Undergraduate Courses</b>							
B.COM (GENERAL)	68	-	27	56	10	-	93
B.COM (ACCOUNTING & FINANCE)	67	2	49	49	-	-	100
B.COM (COMPUTER APPLICATIONS)	67	-	15	69	7	-	91
B.B.A.	70	-	10	51	27	3	91
B.A.CORPORATE ECONOMICS	62	-	21	18	30	13	82
B.SC.VISUAL COMMUNICATION	39	-	5	64	8	-	77
B.C.A.	48	-	31	61	6	-	98
<b>Postgraduate Courses</b>							

INFORMATION TECHNOLOGY	21	-	67	19	-	-	86
COMMUNICATION	17	-	29	53	-	-	82
PHYSICS	25	-	16	60	-	-	76
BIOTECHNOLOGY	21	-	14	48	-	-	62
HUMAN RESOURCE MANAGEMENT	38	-	13	82	-	-	95
CHEMISTRY	26	-	46	46	-	-	92
MATHEMATICS	18	-	55	39	-	-	94
COMPUTER SCIENCE & TECHNOLOGY	16	-	44	50	-	-	94

### 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

By helping conduct conferences in emerging fields and infusing new ideas Teaching & Learning process is strengthened. Students' academic performances are monitored and they are counselled to do better. SWOC analysis was conducted to access grey areas, analyse strengths and build on it.

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	4
UGC – Faculty Improvement Programme	1
HRD Programmes	-
Orientation Programmes	8
Faculty exchange Programme	1
Staff training conducted by the university	-
Staff training conducted by other institutions	13
Summer / Winter schools, Workshops, etc.	55
Others	6

## 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	57	8	-	-
Technical Staff	5	2	-	-
Skilled Staff (LA)	21	-	-	-

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Setting up of Research Advisory Committee, disseminating information about funding agencies, conferences, workshops and seminars.

#### 3.2 Details regarding major projects

##### Ongoing and Sanctioned

1. **'CS-233 Oxidation of alkyl aromatics and alcohols over Ce/AIPO-18 and Ce-ZSM-5 catalysts'**, sponsored by DST-SERB – Dr M Esther Leena Preethi, Assistant Professor, Department of Chemistry – Rs. 14,20,000/-.
2. **'History of South Travancore Society: 200 years before and after the imprints of protestant Christianity'**, sponsored by UGC – Dr M Florence, Associate Professor, Department of Languages – Tamil – Rs.8,39,600/-.

##### Submitted

1. **'Fabrication of chemically modified electrodes based on nano-graphene and metal hexacyanoferrate nanoparticles using room temperature ionic liquids for chemical and biosensing applications'**, submitted to DST, Dr D R Shobha Jeykumari, Assistant Professor, Department of Chemistry – Rs. 25,32,240/-.



2. **'Strategies to improve breakfast consumption among college students and popularization of minor millets on campus'**, submitted to UGC, Dr Suneeta Saghayam, Assistant Professor, Department of Home Science – Rs. 20,00,000/-.
3. **'Structural & Biochemical Analysis of Selected Edible Seeds and the effect of Lecithin on Hypercholesterolemia Induced Male Wistar Rats'**, submitted to DST, Dr T S Renuga Devi, Assistant Professor, Department of Physics – Rs. 20,80,000/-.
4. **'Effect of mobile phone radiation on morphological, biochemical and molecular parameters of oil seed crops'**, submitted to DST, Dr Preeti Mehta, Assistant Professor, Department of Plant Biology & Plant Biotechnology – Rs. 24,00,000/-.

### 3.3 Details regarding minor projects

#### Ongoing and Sanctioned

1. **'Resource Recovery on Campus through Vermicomposting & Grey Water Recycling'**, Sponsored by UBCHEA – Dr Mary Pearl Ravikumar, Assistant Professor and Dr Betsy Selvakumar, Associate Professor, Department of Advanced Zoology & Biotechnology – \$3880.
2. **'Screening of Hydrophytes to test the Anti-Mosquito Larvicidal properties'**, Sponsored by UGC under XI Plan – Ms Annie Rubens, Assistant Professor, Department of Advanced Zoology & Biotechnology – Rs. 1,60,000/-.
3. **'Nutrition Intervention Strategies to Prevent Iron Deficiency Anemia among Adolescent Girls in Chennai, India (NISPIDA – A Service Learning Project'**, sponsored by UBCHEA – Dr Sheila John, Associate Professor, Department of Home Science – Rs. 1 lakh.
4. **'Module for Developing a Policy on Healthy Packed Lunch for School Children'**, sponsored by UBCHEA – Ms Jasmine, Assistant Professor, Department of Home Science – Rs. 89,000/-.
5. **'Optimising management of metabolic syndrome among police personnel to reduce of non-communicable diseases: a focus on lifestyle'**, sponsored by UGC – Ms J Shajini Judith Diana, Assistant Professor, Department of Home Science – Rs. 1,00,000/-.
6. **'Enhancing health and self-employability of fisher women in a prime coastal fishing region of Chennai – A service learning project'**, sponsored by UBCHEA, Dr Nora Vigasini, Assistant Professor, Department of Home Science – Rs. 1,00,000/-.
7. **'Compassionate Listening to Promote Communal Peace and Inter-religious Understanding'**, sponsored by UBCHEA, Dr Lilian I Jasper, Associate Professor, Department of English, - \$ 1500.
8. **'Local Knowledge in Nutrition, Health, Traditions and Customs of Indigenous Communities in Tribal and Urban Settings: Documentation and Development of**

- Open Courseware'**, sponsored by UBCHEA, Dr Lilian I Jasper, Associate Professor, Department of English, - \$ 2000.
9. **'Augmenting the Activities of the Women's Studies Centre'**, sponsored by UBCHEA, Dr Annie Kuriachan, Assistant Professor, Department of English, - \$2500.
  10. **'Probiotic Health Drink Supplementation of Hyperglycemic and Hypercholesterolemia Population in and around Nungambakkam - a suburb in Chennai City'**, sponsored by UBCHEA, Dr V Judia, Assistant Professor, PG Department of Biotechnology - 2700 USD.
  11. **'Tamilnadu mein Hindi Lekhan'**, sponsored by UGC, Dr Suneetha Rani, Assistant Professor, Department of Languages – Hindi – Rs. 2 lakhs
  12. **'Vilavancode Vattara Vazhakku Akarati'**, sponsored by Semmozhi Niruvanam, Dr S Sujatha, Associate Professor, Department of Languages – Tamil – Rs. 2,50,000/-

### Submitted

1. **'A study on the eating habits of IT industry professionals and effect of nutrition counselling on the body composition, fasting glucose, blood pressure and lipid profile of IT industry professionals'**, submitted to UGC, Ms Sona S, Assistant Professor, Department of Home Science – Rs. 2,80,000/-.
2. **'Effect of mobile phone radiation on morphological, biochemical and molecular parameters of oil seed crops'**, submitted to TNCST, Dr Preeti Mehta, Assistant Professor, Department of Plant Biology & Plant Biotechnology – Rs. 4,10,000/-.

### 3.4 Details on research publications

	<b>International</b>	<b>National</b>	<b>Others</b>
Peer Review Journals	34	23	-
Non-Peer Review Journals	-	-	-
e-Journals	11	1	-
Conference proceedings	28	28	-

### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

### **3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations**

#### **Major Research Projects**

1. **'CS-233 Oxidation of alkyl aromatics and alcohols over Ce/AIPO-18 and Ce-ZSM-5 catalysts'**, sponsored by DST-SERB – Dr M Esther Leena Preethi, Assistant Professor, Department of Chemistry – Duration – 3 yrs, Sanctioned - Rs. 14,20,000/-, Received Rs. 4,70,000/-.
2. **'History of South Travancore Society: 200 years before and after the imprints of protestant Christianity'**, sponsored by UGC – Dr M Florence, Associate Professor, Department of Languages – Tamil – Duration 1 year, Sanctioned - Rs.8,39,600/-, Received Rs. 5,46,600/-.

#### **Minor Research Projects**

1. **'Screening of Hydrophytes to test the Anti-Mosquito Larvicidal properties'**, Sponsored by UGC under XI Plan – Ms Annie Rubens, Assistant Professor, Department of Advanced Zoology & Biotechnology – Duration – 2 years, Sanctioned - Rs. 1,60,000/-.
2. **'Tamilnadu mein Hindi Lekhan'**, sponsored by UGC, Dr Suneetha Rani, Assistant Professor, Department of Languages – Hindi – Duration – 1 year, Sanctioned - Rs. 2 lakhs.
3. **'Optimising management of metabolic syndrome among police personnel to reduce of non-communicable diseases: a focus on lifestyle'**, sponsored by UGC – Ms J Shajini Judith Diana, Assistant Professor, Department of Home Science, Duration – 2 years, Sanctioned – Rs. 1,00,000/-.

#### **Any Other Projects**

1. **'Resource Recovery on Campus through Vermicomposting & Grey Water Recycling'**, Sponsored by UBCHEA – Dr Mary Pearl Ravikumar, Assistant Professor and Dr Betsy Selvakumar, Associate Professor, Department of Advanced Zoology & Biotechnology – Duration 1 year, Sanctioned - \$3880.
2. **'Probiotic Health Drink Supplementation of Hyperglycemic and Hypercholesterolemia Population in and around Nungambakkam - a suburb in Chennai City'**, sponsored by UBCHEA, Dr V Judia, Assistant Professor, PG Department of Biotechnology – Duration – 1 year, Sanctioned - 2700 USD.
3. **'Nutrition Intervention Strategies to Prevent Iron Deficiency Anemia among Adolescent Girls in Chennai, India (NISPIDA – A Service Learning Project'**,

sponsored by UBCHEA – Dr Sheila John, Associate Professor, Department of Home Science – Duration – 1 year, Sanctioned - Rs. 1 lakh.

4. **'Module for Developing a Policy on Healthy Packed Lunch for School Children'**, sponsored by UBCHEA – Ms Jasmine, Assistant Professor, Department of Home Science Duration – 1 year, Sanctioned -Rs. 89,000/-.
5. **'Enhancing health and self-employability of fisher women in a prime coastal fishing region of Chennai – A service learning project'**, sponsored by UBCHEA, Dr Nora Vigasini, Assistant Professor, Department of Home Science – Duration – 1 year, Sanctioned - Rs. 1,00,000/-.
6. **'Compassionate Listening to Promote Communal Peace and Inter-religious Understanding'**, sponsored by UBCHEA, Dr Lilian I Jasper, Associate Professor, Department of English, Duration – 2 years, Sanctioned - \$ 1500.
7. **'Local Knowledge in Nutrition, Health, Traditions and Customs of Indigenous Communities in Tribal and Urban Settings: Documentation and Development of Open Courseware'**, sponsored by UBCHEA, Dr Lilian I Jasper, Associate Professor, Department of English, Duration – 2 years, Sanctioned - \$ 2000.
8. **'Augmenting the Activities of the Women's Studies Centre'**, sponsored by UBCHEA, Dr Annie Kuriachan, Assistant Professor, Department of English, Duration – 2 years, Sanctioned - \$2500.
9. **'Vilavancode Vattara Vazhakku Akarati'**, sponsored by Semmozhi Niruvanam, Dr S Sujatha, Associate Professor, Department of Languages – Tamil – Rs. 2,50,000/-

**3.7 No. of books published** i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

**3.8 No. of University Departments receiving funds from**

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

**3.9 For colleges**

Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

United Board for Christian Higher Education in Asia

**3.10 Revenue generated through consultancy**

3,49,798/-

**3.11 No. of conferences organized by the Institution**

Level	International	National	State	University	College
Number	1	3			
Sponsoring agencies		UGC, TNSCT			

**3.12 No. of faculty served as experts, chairpersons or resource persons**

24

**3.13 No. of collaborations**

International

2

National

4

Any other

5

**3.14 No. of linkages created during this year**

3

**3.15 Total budget for research for current year in lakhs:**

From Funding agency

Rs. 15,38,031/-

From Management of University/College

Rs. 20,95,557/-

Total

Rs. 36,33,588/-

**3.16 No. of patents received this year**

Type of Patent		Number
National	Applied	1
	Granted	1
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

**Dr Sheila John & Dr Esther Lydia Daniel** of the **Department of Home Science** received Patent rights for their research on **'Process of preparing synergistic fermented fruit juice formulation for treating metabolic syndrome and product thereof'**.

**3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year**

Total	International	National	State	University	Dist	College
7	2	3	-	-	2	-

1. Dr Ridling Margaret Waller, Principal - Dr. Sam Higginbottom Award for the **'Best Principals of India'** conferred by the **All India Association for Christian Higher Education (AIACHE)** in recognition of her excellent and devoted academic leadership, dynamic visionary initiatives in administration, impacting student & stakeholders progression and highlighting her commitment at the highest level to professional ethics. Presented on 3rd May 2013.
2. Dr. Jayanthi Richard, NSS Co-ordinator& District Organizer of YRC, Assistant Professor, Department of History - Received the Best District Organizer Award from the Indian Red Cross Society for the year 2012 – 13.
3. Ms. J Margaret Marie, Assistant Professor, Department of Chemistry - Received the Outstanding Teacher Award by Rotaract Club of Madras Metro for the year 2012 – 13 on 7<sup>th</sup> September 2012.
4. Dr. T S Renuga Devi, Assistant Professor, Department of Physics - Received the ISPA Dr S Gunasekaran Award for Sustained Research Work at the International Conference on Recent Advances in Physics (ICRAP 2013) held at Sri VidyaMandir Arts & Science College, Krishnagiri on 12<sup>th</sup> August 2013
5. Dr. Vanitha Williams, Assistant Professor, Department of Advanced Zoology & Biotechnology - Selected by the UBCHEA for the United Board Fellows Program (Faculty Development) to Agnes Scott College, Atlanta, Georgia, USA from August 26th - December 12th, 2013.

**3.18 No. of faculty from the Institution who are Ph. D. Guides**

6

**and students registered under them**

13

**3.19 No. of Ph.D. awarded by faculty from the Institution**

**3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)**

JRF  SRF  Project Fellows  Any other

**3.21 No. of students Participated in NSS events:**

University level  State level   
National level  International level

**3.22 No. of students participated in NCC events:**

University level  State level   
National level  International level

**3.23 No. of Awards won in NSS:**

University level  State level   
National level  International level

**3.24 No. of Awards won in NCC:**

University level  State level   
National level  International level

**3.25 No. of Extension activities organized**

University forum  College forum   
NCC  NSS  Any other

### **3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility**

Awareness rallies on Literacy, Water Conservation, Tree Planting, Plastic Eradication, Health Camps and Blood Donation Drives have helped students play their part in transforming the community.

'Lessons in Reuse' were practiced by students who converted discarded pet bottles into bricks using the technology adopted by 'Samarpan Foundation' an NGO involved in eco restoration projects. Over 3,000 pet bottles were filled with mud during the weekends to make aesthetic "green" benches on campus for students.

The **NSS volunteers** organized **three Blood Donation Camps** during the year and donated **448 units of blood**. The College won the **Maximum Blood Donor Award** for the **4<sup>th</sup> Consecutive year**.

**Stree Suraksha Rally** on the theme '**Rape & Discrimination**' was conducted on 28<sup>th</sup> July 2013 at the Marina Beach.

Several workshops were organized by Rotaract under the banner '**Change Ahead**' in various schools considering the fact that school girls are more vulnerable to this brutal crime. The team covered six schools in two weeks and was able to reach more than **1600 girls**

**Tangled-** a **Flagship** program of the Rotaract on 'Hair donation for the underprivileged Cancer patients' was held on **February 4<sup>th</sup>, 2014**.

The Yi organized a **fundraising basketball tournament titled "Game Changers"** for **corporate teams** from the IT industry, on **13<sup>th</sup> March 2014 at the Corporation Ground, Nungambakkam**. Six teams from five IT Companies participated in this one-day tournament. The teams participated enthusiastically and CTS was declared the winner after the team beat Wipro in the finals. The winners received a cash prize of Rs. 10,000/-. Rs. 1,38,000/- was raised from this event and was distributed as scholarships for needy students of the College.

**The Village Adoption Project** of WCC has been designed to support and empower rural communities and break their cycle of poverty with the support of the **Institute of Sustainable Development**. A non-descript village in **Thirukandalam Panchayat** with predominant bonded labourers belonging to the Irula Tribe has been chosen by WCC for adoption.



The White Gift ceremony a tradition of the College encourages all students to share their resources with the poor & marginalized, orphans & destitutes and the elderly & homeless during Christmas season. The College raised **Rs.1,23,611/-** for distribution to various welfare agencies.

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	20.21			
Class rooms	52			
Laboratories	30			
Seminar Halls	3	2	Management	5
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.		1	UGC	
Value of the equipment purchased during the year (Rs. in Lakhs)	131 lakhs	28.25 lakhs	Management, UGC	159.25 lakhs
Others	50.47 lakhs	12.29 lakhs	Management, UGC	62.76 lakhs

#### 4.2 Computerization of administration and library

The latest version of Autolib software installed and updation of all operation completed.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (inRs.)	No.	Value	No.	Value
Text Books	1635	4,27,000/-	37	26,197/-	1662	4,53,197/-
Reference Books	85687	87,08,000/-	2094	8,55,978/-	87,781	95,63,978/-
e-Books	1,80,000/-	-	25,000	-	2,05,000	-
Journals	60 (titles) (2009-13)	2,56,262	Same 60 titles	58,881/-	60 (titles)	3,15,143/-
e-Journals	6959 (titles) (2009-13)	6,81,616/-	3000	2,39,869/-	9959	9,21,485/-
Digital Database	3 (includes ebsco, N-list, Queestia, e-journals, e-books)	6,81,616/-	Same data base	2,39,869/-	3	921485/-
CD & Video	1138	1,13,800/-	50	5,000/-	1188	1,18,800/-
Others (specify)						

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer in Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	590	237	12	21	136	48	86	43
Added	49				30	1	18	
Total	640							

#### **4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)**

Teachers and Students have internet access in the Information Resource Centre.

The College has 640 Computers in various departments of the College.

Soft skill training through computerised learning software is provided to all I & II year students in the language lab.

#### **4.6 Amount spent on maintenance in lakhs:**

i) ICT

Rs. 8,40,453/-

ii) Campus Infrastructure and facilities

Rs. 1,54,87,853/-

iii) Equipments

Rs. 4,09,570/-

iv) Others

Rs. 3,40,741/-

**Total:**

Rs. 1,70,78,617/-

### **Criterion – V**

#### **5. Student Support and Progression**

##### **5.1 Contribution of IQAC in enhancing awareness about Student Support Services**

Academic Counselling for weak students is practiced.

Economically poor students are identified for Management Scholarships and Free Meals.

Students who excel in sports are provided Fee Waiver.

## 5.2 Efforts made by the institution for tracking the progression

Remedial Coaching is given to academically weak students, counselling is also given through the Advisor – Advisee system.

The Principal, Dean and IQAC Co-ordinator meet & Counsel students who have secured low marks in semester examinations.

### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others (M.Phil.)
2857	632	1	17

### (b) No. of students outside the state

220
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### (c) No. of international students

18
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Men	<table border="1"> <tr> <th>No</th> <th>%</th> </tr> <tr> <td></td> <td></td> </tr> </table>		No	%			Women	<table border="1"> <tr> <th>No</th> <th>%</th> </tr> <tr> <td>3507</td> <td>0.51%</td> </tr> </table>		No	%	3507	0.51%
	No	%											
No	%												
3507	0.51%												

Last Year (2012-13)						This Year (2013-14)					
General	SC	ST	OBC / MBC	Physically Challenged	Total	General	SC	ST	OBC / MBC	Physically Challenged	Total
313	118	8	727	7	1169	313	144	20	777	2	1255

Demand ratio 1:13      Dropout % 11%

#### 5.4 Details of student support mechanism for coaching for competitive examinations (If any)

UGC NET Coaching was conducted on campus and many students benefitted. 4 students cleared the UGC NET / SLET Examinations.

No. of students beneficiaries

#### 5.5 No. of students qualified in these examinations

NET	<input type="text" value="3"/>	SET/SLET	<input type="text"/>	GATE	<input type="text"/>	CAT	<input type="text"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text"/>

#### 5.6 Details of student counselling and career guidance

##### **VIKAAS – STUDENT COUNSELLING CENTRE**

##### **A Project of the Department of Psychology**

##### **Report of Activities: June 2013 – April 2013**

The activities of Vikaas for the academic year June 2013 – March 2014 started with a presentation on the activities and mission of Vikaas by the student counsellor Manisha Ninan to the first year students during the orientation program conducted for the first year students on 25th June, 2013.

Introductory sessions on the activities of Vikaas were conducted for 45 minutes to first year students of 9 departments of the aided section – Departments of Computer Science, Physics, Chemistry, Plant Biology and Biotechnology, Advanced Zoology and Biotechnology, History, Home Science, Mathematics and English respectively. Programs were conducted for both Undergraduate and Post graduate first year students. The same was conducted to 11 departments of the self-financed section – Post graduate Departments of Human Resource Management, Computer Science, Information Technology, Chemistry, Biotechnology, Communication, and Undergraduate Departments of BCA, B. Com., BBA, B.A Corp and B.Sc. Visual Communication respectively.

## WORKSHOPS

A 'Trust Walk' exercise was conducted for 16 2<sup>nd</sup> year students on 12<sup>th</sup> July, 2013 by Ms Manisha Ninan. This outdoor exercise was conducted in order to help students understand the importance of communication and trust in relationships.

A workshop-orientation program was conducted for all hostel students on adjusting to hostel life and relationships in the hostel environment on 23<sup>rd</sup> July, 2013. The session was conducted by Ms Manisha Ninan and Ms Zarina A.

A demonstration of the Jacobson's Progressive Muscle Relaxation Exercise was conducted by the counsellor for 46 III year Psychology students on 30<sup>th</sup> July, 2013. The counsellor demonstrated the Relaxation exercise on a student and followed it by allowing a student to administer the exercise on a volunteering classmate, under supervision.

A workshop on Understanding Your Self-Esteem by the counsellor was conducted for 23 students of the III Advanced Zoology and Biotechnology Department, as part of the course Enhancing Personality on 31<sup>st</sup> July, 2013.

Workshops were conducted for the Actors of the Annual College Play (5+15 Actors). The workshops were to enhance team-building, improvisation skills and understanding emotions. A total of 4 workshops were conducted by Ms Manisha Ninan on the following dates:

1. 22<sup>nd</sup> August, 2013
2. 23<sup>rd</sup> August, 2013
3. 2<sup>nd</sup> September, 2013
4. 6<sup>th</sup> September, 2013

The methodology used in the workshop was primarily that of Playback Theatre, a form of therapy which involves the creative execution of theatrical games, appropriate for the target group. It was substantiated with debriefing sessions and discussions to help the group of actors understand and become comfortable in the acting arena.

A workshop was conducted for 29 III year students on Time Management on 24<sup>th</sup> August, 2013. The workshop included an original game, on the lines of a treasure hunt, constructed by the Counsellor in order to help understand organization skills.

The counsellor Ms Manisha Ninan assisted in making arrangements for the Senate Retreat conducted on 29<sup>th</sup> August, 2013. It was conducted for the full strength Student Senate. The focus of the retreat was chosen to be Leadership skills with a spiritual angle. Padma T.S. of Cry India, former Senate member of Women's Christian College conducted the workshop.

A workshop was conducted for the I M.Sc. Psychology Applied Psychology students 16 in number by Ms Manisha Ninan on 30<sup>th</sup> August, 2013. The workshop was titled 'How to get by- a little help from friends' It was based on a stress management module and also dealt with

copied with transition into post graduate program from undergraduate programs. The module included time management techniques, Relationship building exercises, How to utilize resources, Optimism, using a sense of humour, creativity, tips on presenting seminars and organizing projects and also taking care of health. The workshop was highly interactive and experiential and included video presentations and a number of games and activities which helped highlight points within the topics.

A workshop was conducted on Stress Management for 26 II Postgraduate students FSM, FSN as part of their paper Life Skills for Personal Growth on 3<sup>rd</sup> September, 2013. The workshop was an interactive session which helped the students identify their own stressors and learned to cope with them.

The counsellor Ms Manisha Ninan helped coordinate a workshop on Family Therapy given by Dr Sivakami of the Centre for Family Therapy on 17<sup>th</sup> September, 2013 for the II PG Counselling and Psychotherapy students (11).

A workshop was conducted on Conflict Resolution for 26 II Postgraduate students FSM, FSN as part of their paper Life Skills for Personal Growth on 21<sup>st</sup> October, 2013. The workshop elucidated steps in win-win conflict resolution through videos and interactive discussions and also covered situations in which conflicts cannot be resolved.

A workshop was conducted on January 17<sup>th</sup>, 2014 on the topic of "Understanding your feelings" for 26 students of the Enhancing Personality class. The students were taught about deriving meaning out of cues in verbal and non behaviour of a person and themselves. They were given time to also practice noting down these signs and explain feelings.

On 18<sup>th</sup> February, 2014 the counsellor, Manisha Ninan conducted a workshop for 30 III year English Department students as part of their Theatre class on communication and teamwork. The medium used to teach was playback theatre, a form of therapy using theatre exercises.

### **Love Yourself: Program on Self Esteem**

Vikaas along with the I M.Sc. Psychology class organized a four-day program based on self-esteem.

18<sup>th</sup> February, 2014: The students of the I M.Sc. class put up a street play in common areas of the college, which elucidated the differences between high self-esteem and low self-esteem by enacting a scene about college students. The students also used a flash mob to catch the attention of the students. Flyers were distributed about the upcoming events that were planned.

19<sup>th</sup> February, 2014: On this day, the students had a rally where they held charts and walked around college encouraging the students to "Love Yourself"

20<sup>th</sup> February, 2014: The movie 'Soul Surfer' was screened for the college students. The movie is an American biopic drama film, released in 2011. The movie is a film adaptation of the autobiography *Soul Surfer: A true story of Faith, Family, and Fighting to get back on the board*.

It follows the inspiring true story of Bethany Hamilton, an aspiring surfer who lost her arm after a horrific shark attack. A discussion followed the movie, elaborating, and dealing with low self-esteem. 20 students attended the movie screening.

24<sup>th</sup> February, 2014: A workshop was conducted on this day to conclude the events of the week. Here Self-Esteem was dealt with more in detail. The causes of low self-esteem, strategies to overcome low self-esteem, counselling in the context of self-esteem are few of the topics handled during the workshop. The workshop was conducted by both the students of the I M.Sc. class and also the counsellor, Manisha Ninan. It was filled with a lot of activities, where the audience could not only learn more about self-esteem but also evaluate their own standing on the issue.

### INDIVIDUAL COUNSELLING

Individual counselling was given to 24 students from aided and self-financed section for a range of 1 – 20 sessions each. Counselling was given for personal problems, career guidance and study skills.

### ASSESSMENT

The following test was administered to 1 student and the results discussed as part of counselling.

- Holland's Vocational Preference Inventory

### BOOK RESOURCES

Self-help books were not issued to students this academic year as the centre was expecting to shift rooms, and the books were not on display.





## Love Yourself: Street Play organized by Vikaas + I M.Sc Psychology students – 18.2.2014



## Love Yourself: Flash mob organized by Vikaas& I M.Sc Psychology students – 18.2.2014

No. of students benefitted

27

### Report of the Career Guidance Cell for the period June 2013 –March 2014

The Career Guidance cell serves as a vital link between the students of the college and the potential employers of Industry and helps the students with appropriate guidance to establish linkages in these highly competitive emerging occupational patterns. It focuses on widening the job prospects for those students who want to launch themselves in a career and to sharpen the knowledge about the courses available for those who want to pursue higher studies.

Four members of the faculty along with the student representatives from all departments, coordinate the various activities of the cell.

#### Faculty Co-ordinators

1. Ms. Shoba Leslie, Assistant Professor, Department of Computer Science (Shift I)
2. Ms. Veena Rajkumar , Assistant Professor, Department of Home Science (Shift I)
3. Ms. R. Abitha, Assistant Professor , Department of Computer Science (Shift II)
4. Ms. Kanchana Naidu, Assistant Professor , Department of Commerce (Shift II)

The committee meets every Thursday and details of all the programmes that have come up in the previous week are discussed and the information is passed on to the students through CGC student representatives.

### **Activities of the cell:**

- To gather and disseminate information on job avenues and placement in different institutions and concerns related to the courses that the college offers to interested students.
- Organize seminars and guidance workshops by experts from the industry and institutions on
  - Soft skills
  - Emerging professional trends and events, job profiles, leadership roles, entrepreneurship and career opportunities in different fields of study.
  - Creating awareness about the opportunities to pursue higher studies in India and abroad.
- Facilitating the actual recruitment procedure.
- Maintaining record of all the activities and the outcome of each of them.
- Preparing the database of the graduating students giving details about their educational qualification, career choices etc.,

### **Presentations and Workshops Organized**

1. Pre-placement talk by a representative from **Teach for India** on 20/08/13 – Teach for India is a nationwide movement of outstanding college graduates who teach full-time in low-income schools for two years, and are transformed to become life-long leaders. 75 students from shift I attended the presentation. Details about the organization, nature of work, companies and institutions that support the program and the selection process were disseminated during the presentation.
2. **Symbiosis** Institute of Business Management (SIBM), Pune ranked among India's top B Schools gave a presentation on 'Management courses offered in their premier institution on 26/08/2013 to both UG and PG students of shift I.
3. The Program Coordinator of **Swisinfosys, School of Medical Transcription** spoke about "**Career in Medical Transcription**" to create awareness about this upcoming field on 26/09/2013. Eighty students from the Life sciences departments benefited from this seminar.
4. Personnel from SVN Global (KIWI kids) gave a presentation on "Management of Preschools" on 19/09/2013. Students from the department of Home science and students from across the departments of Shift I undergoing the skill based course on 'Management of a preschool' attended the talk. Jocelyn Wright a resource person from New Zealand who was the preschool teacher of Stephen Hawking also addressed the students.
5. A workshop on "**Personality Development, Resume Writing and Interview Skills**" was organized by **Smart Training Resources, Chennai** for students in two batches on

07/01/2014 and 08/01/2014. 84 students from Shift I benefitted from this program. Certificates and Course material were distributed to the students.

### **Other activities**

1. Ms. Abitha R. participated in the inaugural meeting of 10<sup>th</sup> National Aptitude Test organized by NIIT on 24/01/2014 at Rain Tree Hotel.

<b>S. No.</b>	<b>Date</b>	<b>Name of the Company</b>	<b>Majors Participated</b>	<b>No. Selected</b>	<b>Position</b>
1	25/07/13	Amazon	B.Sc. Computer Science, B.C.A, M.Sc. IT, M.Sc CST.	6	Software Engineer
2	11/09/13	Cognizant Technology Solutions-IT	B.Sc. Computer Science, B.C.A, M.Sc CST	37	Software Programmer Trainee
3	9/12/13	Cognizant Technology Solutions-ITIS	B.Sc. Computer Science/ Physics/Maths/Chemistry, B.C.A, M.Sc CST	21	Graduate Trainee
4	21/11/13	Royal Bank of Scotland	B.Com,BBA,BA (Corp Eco),BCA,BA(History & English B.Sc. (Computer Science/Physics/Chemistry /Maths/Zoology)	95	Officer
5	4/12/13	V Tech Power Engineering Pvt. Ltd	B.Com,BBA,BA (Corp Eco),BCA,BA(History & English B.Sc(Computer Science/Physics/Chemistry/ Maths/Zoology)	18	Executive
6	5/12/13	ACP Billing Pvt Ltd	B.Com,BBA,BA (Corp Eco),BCA,BA(History & English B.Sc(Computer Science/Physics/Chemistry/ Maths/Zoology)	4	

7	7/01/14	Scope International Ltd	B.Com,BBA,BA (Corp Eco),BA(English) B.Sc(Physics/Maths)	20	Technical Trainee
8	9/01/14	Wipro Technologies Ltd.	All B.Sc and M.Sc streams	19	Process Associate/ Programmer Trainee
9	13/01/14	HCL Technologies Ltd., Business Services	B.Com,BBA,BA (Corp Eco)	10	
10	18/01/14	Fidelity Business Services India Pvt Ltd	B.Com,BBA,BA (Corp Eco)	5	
11	29/01/14	Visual BI solutions Ltd	B.Com, BBA, B.A-Corporate Economics , BCA, BSc(Maths, Physics, Computer Science)	1	
12	24/02/14	Vishwaksena Global School, Thiruvallur	UG and PG streams- Physics/Chemistry/PBB/ZBT/Computer Science/History	11	Teaching Assistant
13	25/02/14	R.R. Donnelley	B.A. English/Corp Economics, B.Sc. Visual Comm, B.COM,	34	Graphic Designer/D ocument Specialist/C opy Editor
14	11/03/14	iNautix Technologies India Private Limited	B.ScCsc, B.C.A, B.COM, B.A. Corp	7	
15	17/03/14	Tech Mahindra	B.Sc. CSC, Maths, Physics, CST, B.C.A	14	Programmer trainee
16	22/03/14	Vellammal International	M.Sc Maths, Physics, Chemistry	10	Teaching Assistants

		School			
		<b>Total</b>		<b>312</b>	

### On Going training programmes

- Nineteen** students from the life science departments (Advanced zoology and Biotechnology, Plant Biology and Biotechnology & Home Science) are undergoing training for Medical transcription at Swisinfosys, School of Medical Transcription. **These students pursuing training for Medical transcription have been assured of placement at the end of their training programme.**

Around 50% of the final year students had registered for placements. Most of the students from the physical and life science students have expressed their desire to pursue higher studies in their field of interest.

No. of students benefitted

312
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### 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
17	495	312	19

### 5.8 Details of gender sensitization programmes

**Stree Suraksha Rally** on the theme '**Rape & Discrimination**' was conducted on 28<sup>th</sup> July 2013 at the Marina Beach. Several workshops were organized under the banner '**Change Ahead**' in various schools considering the fact that school girls are more vulnerable to this brutal crime. The team covered six schools in two weeks and was able to reach more than **1600 girls** and make a difference in their lives.

## 5.9 Students Activities

### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level  National level  International level

No. of students participated in cultural events

State/ University level  National level  International level

### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level  National level  International level

Cultural: State/ University level  National level  International level

## 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	168	11,75,100/-
Financial support from government	All Students of BC, MBC, SC/ST, DNC/DNT	6,34,827/-
Financial support from other sources	Scranton	1,52,070/-
Number of students who received International/ National recognitions	-	-

### 5.11 Student organised / initiatives

Fairs : State/ **University** level  National level  International level

Exhibition: State/ **University** level  National level  International level

**5.12 No. of social initiatives undertaken by the students**

12

**5.13 Major grievances of students (if any) redressed:**

NIL

## **Criterion – VI**

### **6. Governance, Leadership and Management**

#### **6.1 State the Vision and Mission of the institution**

The College aims to provide a complete, meaningful and relevant education to women so that they are intellectually well-trained, morally upright, socially aware and spiritually inspired.

#### **6.2 Does the Institution have a Management Information System**

Yes.

#### **6.3 Quality improvement strategies adopted by the institution for each of the following:**

##### **6.3.1 Curriculum Development**

Setting up Boards of Studies with external members which include Alumnae, Industry Experts and a student representative.

##### **6.3.2 Teaching and Learning**

Strengthening of existing infrastructure – Computers, Scientific equipment purchased

##### **6.3.3 Examination and Evaluation**

Examination

1. Photographs of candidates were incorporated in the Hall Tickets
2. Scrutiny of Question Papers by External Experts
3. Course Completion Certificate issued to all the final year students who have passed the course
4. Ruled answer booklets were issued for the End Semester Examination which helped the students minimize wastage of paper.
5. Single valuation of answer scripts was adopted during revaluation of answer scripts which eased the procedure of consolidation of marks.
6. Common venue for Examinations was provided (CEC Hall)

Evaluation – Double evaluation

Cross checking of the entry of marks and totalling introduced.

### **6.3.4 Research and Development**

A number of research projects funded by UGC & UBCHEA were initiated.

#### **Minor Research Projects**

#### **2013**

#### **UGC Minor Research Project**

1. ***Optimising management of metabolic syndrome among police personnel to reduce risk of non-communicable diseases: A focus on life style*** - Ms. J. Shajini Judith Diana & Dr. Sheila John, Department of Home Science – Rs. 1,00,000/-
2. ***Screening of Hydrophytes for Anti-mosquito Larvicidal Activity*** - Ms. Annie Rubens, Department of Advanced Zoology & Biotechnology – Rs. 1,60,000/-

#### **United Board for Christian Higher Education in Asia (UCHEA)**

3. ***Nutrition Intervention Strategies to Prevent Iron Deficiency Anemia among adolescent girls in Chennai, India (NISPIDA- A Service Learning Project)***– Dr. Sheila John, Head, Department of Home Science - US\$ 1,900
4. ***Probiotic Health Drink Supplementation to Hyperglycemic and Hypercholesterolemic Population in and around Nungambakkam – a suburb in Chennai City***- Dr. V. Judia Harriet Sumathy, Assistant Professor, Department of PG Biotechnology - US\$ 2,700
5. **“Module for Developing a policy on healthy packed lunch for school children”** - Ms. Jasmine Jenifer Arulmani, Assistant Professor, Department of Home Science - US\$ 1,500
6. ***“Resource Recovery on campus through vermicomposting and greywater recycling”*** - Dr. Mary Pearl Ravikumar and Dr. Betsy Selvakumar, Department of Advanced Zoology & Biotechnology - US\$ 3,880

#### **2014**

#### **UGC Minor Research Project**

7. **Molecular Characterization and Antimicrobial studies of Mycobacterium tuberculosis and associated microbial pathogens in female infertility cases -**



Dr. C. Anchana, Assistant Professor, PG & Research Department of Biotechnology - **Rs. 2,09,000/-**.

8. **Tamilnadumein Hindi Lekhan** - Dr.Suneetha Rani, Assistant Professor, Department of Languages – Hindi (Shift II) - **Rs. 2,00,000/-**.
9. **A survey on young IT professionals and the effect of lifestyle modification on their body composition, blood pressure, plasma fasting glucose levels and serum lipid profile** - Ms. S. Sona, Assistant Professor, Department of Home Science - **Rs. 2,80,400/-**.
10. **Development and characterization of chemical sensor with metal and semiconductor nanoparticles** - Dr D R ShobhaJeykumari, Assistant Professor, Department of Chemistry -**Rs. 1,75,000/-**.

### **6.3.5 Library, ICT and physical infrastructure / instrumentation**

New books and computers bought

### **6.3.6 Human Resource Management**

The college organises Faculty Development Programs for both Teaching & Non-Teaching staff.

**Faculty Development Programme** for 150 faculty members on ‘**Transforming for Excellence**’ on **1<sup>st</sup> August 2013**. **Dr Viji George, President, Concordia College, New York, USA**, was the resource person. With over 30 years of experience in American Higher Education, Dr V George brought a practical approach to the topic along with a deep understanding of both Indian and American systems of Higher education.

### **6.3.7 Faculty and Staff recruitment**

The College recruits faculty and staff as and when the need arises. The Management employs guest faculty and invites reputed resource persons.

### **6.3.8 Industry Interaction / Collaboration**

To strengthen our International Collaboration - a new Teaching-Learning initiative was organised. Six distinguished Faculty from Concordia College, New York, USA, conducted the following Certificate Courses in WCC from 29<sup>th</sup> July to 10<sup>th</sup> August 2013.

1. Managerial Finance
2. Understanding and dealing with Autism
3. Writing for success
4. Genetics in a societal context
5. Applied Behavioral analysis and Education
6. Entrepreneurship: From Conception to Corporation

7. Cinema and the human condition
8. Cognition and problem solving

346 students from the departments of English, Psychology, Home Science, Plant Biology & Plant Biotechnology, Advanced Zoology & Biotechnology, Commerce, Management Studies, Corporate Economics, BCA, Visual Communication and PG Departments of Physics, Biotechnology and Communication registered for the various courses and obtained certificates. This unique teaching-learning initiative has been very successful in providing the students an international exposure on campus.

Most Department offer on-the-job training / summer internships for students in reputed industries (Food, Textile, IT, Finance, Media, Service, etc.), research centres / laboratories.

### 6.3.9 Admission of Students

Though the College is a Christian Minority Institution, the college admits students on the basis of merit and reservation policy of the State Government.

### 6.4 Welfare schemes for

Teaching	1. Wi-Fi facility / Internet Browsing Centre.
Non-teaching	1. Scholarship provided for daughters studying in WCC. 2. Subsidized noon meal. 3. Partial Medical reimbursement.
Students	1. Merit cum means Scholarship. 2. Insurance Scheme. 3. Free Noon meal for economically backward students / orphans / destitutes. 4. Sports - Fee waiver for National level players.

### 6.5 Total corpus fund generated

2

### 6.6 Whether annual financial audit has been done

Yes

No

### 6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Star Certification International (SCI)		
Administrative				

### 6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes    Yes  No

For PG Programmes    Yes  No

### 6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- Pattern of Evaluation for Courses with Continuous Internal Assessment component is decided by the Department.
- Sub-Committee meetings are held at regularly to resolve issues and initiate innovations to improve the examination and evaluation procedures.

### 6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

The University gives full freedom under the CBCS pattern to prescribe new courses in emerging fields.

### 6.11 Activities and support from the Alumni Association

The Alumnae Association provides a few scholarships to needy students. The McDougall Memorial Nursery School in the neighbourhood Slum is operated by them.

## **6.12 Activities and support from the Parent – Teacher Association**

The College organises an Open Day every year for Parent-Teacher interaction to provide an update on the progress of students.

## **6.13 Development programmes for support staff**

The College organises need based programs for support staff. Computer literacy programs are organised. An annual Retreat is organised on appropriate themes to enhance competence and productivity.

## **6.14 Initiatives taken by the institution to make the campus eco-friendly**

Organising lectures, awareness programs and conducting environment-related projects to adopt eco-friendly practices are some of the initiatives taken by the institution.

**The Dr Renuka Mukerji Somasekhar Endowment Lecture** was organized on **5<sup>th</sup> February 2014** by the **Department of Plant Biology & Plant Biotechnology**. **Tara Gandhi, Vice-President** at the Madras Naturalists' Society in her lecture on **'Saving Nature in a City'** highlighted the extraordinary varieties of ecosystems in India and explained the economical, cultural, aesthetic and intrinsic value of Nature.

'Lessons in Reuse' were practiced by students who converted discarded pet bottles into bricks using the technology adopted by 'Samarpan Foundation' an NGO involved in eco restoration projects. Over 3,000 pet bottles were filled with mud during the weekends to make aesthetic "green" benches on campus for students.

## **Criterion – VII**

### **7. Innovations and Best Practices**

**7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.**

**With the increasing appeal for globalization in Higher Education, the Semester Abroad Program offered by WCC at Eastern University, USA attracts students desiring to have a cross-cultural experience. Four students from the second year, Amanda Joseph, B.Sc.,**

Nutrition, Food Service Management & Dietetics, **Agnes Eunice Jasper S.**, B.A. English, **Gheshna N**, B.Sc. Psychology and **Meera S**, BBA have availed the opportunity.

**Satabdi Tripathy** of **III B.Sc. Visual Communication** is currently pursuing her degree in Concordia College, New York, USA through the American Transfer Program of WCC.

**Six distinguished Faculty from Concordia College, New York, USA, conducted the following Certificate Courses** in WCC from **29<sup>th</sup> July to 10<sup>th</sup> August 2013**. 346 students from various departments completed the course.

1. Managerial Finance
2. Understanding and dealing with Autism
3. Writing for success
4. Genetics in a societal context
5. Applied Behavioral analysis and Education
6. Entrepreneurship: From Conception to Corporation
7. Cinema and the human condition
8. Cognition and problem solving

## **7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year**

Conferences, workshops and seminars were planned by the departments at the beginning of the academic year. In this context one International Conference and three National conferences were organised.

## **7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)**

### ***1. International Collaborative Programs***

With the increasing appeal for globalization in Higher Education, the Semester Abroad Program offered by WCC at Eastern University and the American Transfer program at Concordia College, New York, USA attracts students desiring to have a cross-cultural experience.

## ***2. An Annual Theatre staged for the public***

In keeping with the Annual tradition of the College adaptations of two plays were produced from **September 26<sup>th</sup> – 28<sup>th</sup> 2013** - **'Where There's a Will'** written by a renowned Indian playwright Mahesh Dattani and **'Jokumaraswami'**, by Chandrasekhar Kambar. The plays were directed by Dr P Rajani, an eminent theatre personality and Professor at Central University at Thiruvavur. Through this annual fund raising event an amount of Rs.14, 17,050/- was raised.

## ***3. Food Fair***

The Alumnae Association of the College organises an annual Food Fair every year to raise funds for underprivileged nursery school children.

## ***4. Engendering change in the lives of Irulas at the adopted village***

As part of our Social Initiatives the College organises trips by students and faculty to Thirukandam Village where they are taught about hygiene, basic mathematics, bio-degradable methods like vermicomposting and activated sludge systems, environmental awareness, organic farming, language and computer skills.

## **7.4 Contribution to environmental awareness / protection**

'Lessons in Reuse' were practiced by students who converted discarded pet bottles into bricks using the technology adopted by 'Samarpan Foundation' an NGO involved in eco restoration projects. Over 3,000 pet bottles were filled with mud during the weekends to make aesthetic "green" benches on campus for students.

Two projects titled Resource Recovery on Campus through Vermicomposting & Grey water Recycling and Screening of Hydrophytes to test the Anti-Mosquito Larvicidal properties are in progress. They contribute to environmental well-being by using dry leaves on campus.

**7.5 Whether environmental audit was conducted?**    Yes     No

**7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)**

SWOC Analysis was conducted by Star Certification International (SCI) on February 11<sup>th</sup> – 13<sup>th</sup> 2014 to help every department / office evaluate all facets of academic and administrative responsibilities.

**8. Plans of institution for next year**

- To conduct an Academic Audit on:
  - Criterion III: Research, Consultancy and Extension,
  - Criterion IV: Infrastructure and Learning Resources,
  - Criterion V: Student Support and Progression
- To organise vibrant academic, cultural and social programs and plan for the pre-Centenary.

*Dr Lilian I Jasper*  
*Associate Professor*  
*Coordinator, IQAC*

*Dr Ridling Margaret Waller*  
*Principal & Secretary*  
*Chairperson, IQAC*

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