NAAC Institutional Quality Sustenance and Development Survey

Exit this survey

1.



INSTRUCTIONS:

This questionnaire is designed to make a survey of the basic processes related to quality management efforts in your institution. The survey consists of five sections.

- 1. General Profile
- 2. IQAC (Internal Quality Assurance Cell) activities
- 3. Academic and Research Outputs
- 4. Student Mentoring and Support System
- 5. Governance and Innovation

The activities of the institution in the above five sections or in other relevant areas are being surveyed to create a quality profile for the year in relation to institutional vision and goals. The survey results would enable the institution and IQAC to create a quality index profile, which would be a self learning exercise. Apart from the responses to the online survey, all the evidence are to be sent to NAAC to audit and to create an output profile of the institution in relation to NAAC core values on higher education. This would enable NAAC to make a diagnostic survey of national higher education scenario and the feedback he provided to each participating institution. No judgement or categorization on institutional quality is intended. However, incremental growth profile of the institution for every year will be consolidated and the accreditation / reaccreditation process SSR/RAR will be prepared based on the survey response pattern by the concerned institution.

Email:

1. Kindly provide the details of the institution	on	
Name of Institution:	Women's Christian College	
Year of Establishment of the Institution:	1915	
Address Line 1:	No.51, College Road	
Address Line 2:	Nungambakkam	
City/Town:	Chennai	
State:	Tamil Nadu	
Postal Code:	600 006	
Email Address:	info@w cc.edu.in	
2. NAAC Accreditation/ Reaccreditation Deta	ails	
Year of Accreditation/ Reaccreditation	Reaccredited in 2012	
Current Grade:	А	
CGPA:	3.43	
3. Institutional Status		
Autonomous College – Affiliated to the Universi	ty of Madras	
4. Contact Person Details		
Name of Head of Institution:	Dr Mrs Ridling Margaret Waller	
Contact Phone:	044 - 28275926 / 28276798	
Email: principal@wcc.edu.in		
Website URL:	www.wcc.edu.in	
Name of IQAC Co-ordinator Dr Mrs ILG Bhavani		

iqac@w cc.edu.in

SECTION

This section is related to institutional goals, vision and mission, academic programmes and activities, strategies and action plans for institution building.

20

9

1. History 2. English 3. Mathematics 4. Physics 5. Chemistry 6. Botany 7. Zoology 8. Nutrition, VTC 9. Nutrition, General 10. Computer Science 11.Psychology 12. B.Com. General 13. B.Com. A & F 14. B.Com. Computer Applications 15. B.Com. Honors 16. BCA 17. BBA 18. B.Sc. Visual Communication 19. B.A. Corporate Economics 20. M.Sc. CST (5 yr integrated Course) Post Graduate (MA/M.Sc./M.Com etc.) 10 1. Applied Psychology 2. FSM 3. FSN 4.Biotechnology Physics 6. Chemistry 7. Mathematics 8. Information Technology 9. HRM 10. Communication. Research Programmes (M.Phil/P.hD)

Certificate Programmes

Undergraduate (BA/B.Sc./B.Com etc.)

 Human Relations 2. Quantitative Aptitude 3. Accounting 4. Montessori Philosophy & Education 5. Training Children with Dyslexia 6. Christian Counselling 7. Art Therapy 8. Dance & Movement Psychotherapy 9. COP – Business English

1. M.Phil. FSM 2. M.Phil. FSN 3. M.Phil. Psychology 4. M.Phil. Biotechnology 5. Ph.D. Home Science 6. Ph.D. Psychology

5. Number of academic programmes existing (Enter a number; 0 for nil)

Professional Programmes

(B.Tech/M.Tech/B.Ed/M.Ed/Medicine/Pharmacy/Paramedical/Nursing etc)

Other value added programmes

TAFTEE – 6 books one certificate for each semester CEC – 3 yrs, New Testament, Old Testament and Essence of Christian Faith

Social Ethics – 3 yrs

Any other programme offered (Specify)

1. Diploma & 2. Adv. Diploma in Human Relations, 3. Diploma in Computerized Accounting, 4. Diploma in Expressive Arts Therapy

0			

12		

6. Details on Programme Development (Enter a number; 0 for nil) New programmes added during the year **B.Com Honors** New programmes designed 2 M.A. English PhD in Biotechnology Programmes under revision 30 All courses are revised / modified periodically in departments (UG&PG) Interdepartmental collaborative programmes 5 1. Cert, 2. Dip & 3. Adv. Dip in Human Relations, 4. Business English, 5. Christian Counselling, Inter institutional collaborative programmes 5 1. East West Centre for Counselling and Training -psychology, 2. United Board, 3. Eastern University, 4. Concordia College, 5. University of Latvia Number of review committee recommendations implemented 21 (Total) Maths – 2 (Algebra & Analysis Courses were revised) Che-2 (Research & Funded projects) PBB – 1 (Photomicrography in bioinstrumentation – Prac.) HSc - 4 (student to be given exposure to special nutritional needs of the disabled, PG students shld get internship in hospitals, UG students to be taken on educational tour, students to become members of professional bodies) Viscom-4 (Increase in staff, Smart Class room, organizing workshops, guest lectures & interactive session, organizing field visits to media houses and media production channels) CST-1 – (more Elective Courses were introduced) PG-Phy – 1 (students to complete dissertation within the department) PG Biotech-1 (having a common paper for Bioinformatics & Genomics & Proteomics) IT-3 (E-Commerce, Data Mining & Warehousing and 1 extra credit have been awarded for Service Learning Program) PG Mat-2 (C++ lab classes offered as practical, UGC & NET portions covered in the M.Sc. Syllabus) Eng-1 (to start MA Program) Number of NAAC peer team recommendations implemented 8 CHE - 2 (Research & Projects Funded)

Hsc - 2 (Gender Based Studies & Upgradation of Labs)

Psy-2 (Research & consultancy)

PG Mat-1 (Guiding Ph.D. Students)

CST-1 (Research papers were introduced)

implemented	
 Hst-1 (Group Projects & working with other it English – 1 (UGC sponsored Cert. Course) CHE – 2 (Research & Projects Funded) ZBT – 2 (Academic Audit) CST-2 (Cyber security, Green IT) 	nstitutions)
 Number of review committee recommendation usimplementation Hst-2 (Group projects & Training with other is Maths -2 (the revised courses are effective for batch to be taken in the II & III Year) Psy-2 (Research & Consultancy) PGMat-1 (conference to be conducted) 	institutions)
 Number of NAAC peer team recommendations unimplementation Viscom-1 (Tie up with the media industry) CSC - 1 (Research) PG Biotech-1 (Start Ph.D.program) PGMat-1 (conference to be conducted) Eng-1 (M.A. Programme) 	nder 5
 Number of UGC/ any other expert committee recounder implementation PG Phy-1 a simple project in Material Science growth & Characterization) was completed in M.Sc. Project 	(Crystal
7. Faculty Details (Enter a number; 0 for nil)	
Total faculty strength required as per norms for all programmes	161
Aided – 76, Mgt – 7, SF- 78 Total faculty on rolls Aided – 55, Mgt – 28, SF-78	161
Faculty added during the year 6-aided, 10-sf	16
Faculty positions vacant	0
Faculty left during the year 2 mgt, 10-sf	12
Total number of visiting faculty	0

Number of UGC/any other expert committee recommendations 8

Total number of guest faculty 12 – aided, 7-SF	19
8. Qualification of Faculty	
PhD and Above 44-aided, 20-sf	64
MPhil 33-aided, 58-sf	61
Masters 5-aided, 10-aided	15
Any other (Specify) 1m.lit., pgcte-aided	1
9. Faculty qualification improvement	
PhD awarded to existing faculty 1. Ms Priya Naidu 2. Ms J Jeyasanthi 3. Ms Kalavathy Santhi 4. Ms G Cynthia Jemima Swarnavalli 5. Ms Bright 6. Ms R Pauline 7. Ms J Margaret Marie 8. Ms H Shyla Jebashree	8
MPhil awarded to existing faculty SF French	1
Any other degree awarded to existing faculty	0
10. Administrative Staff Details (Enter a number	er; 0 for nil)
Administrative staff (total sanctioned) Aided-20, Mgt – 46, SF-18	84
Administrative staff (Actual strength) Aided-11, Mgt – 55, SF-18	84
Added during the year of reporting 1-sf	1
Left during the year 1-sf	1
Number of posts vacant	0
11. Technical Support Staff Details (Enter a nur	nber; 0 for nil)
Technical Support Staff (Total sanctioned strength	n) 3
Technical Support Staff (Actual strength)	3

Added during the year	0
Left during the year	0
Number of posts vacant	0
4.	
SECTION II	
It reflects quality management structure, strategies,	velopment activities during the year taken up by IQAC. and processes which would enhance academic quality of umni, and other stakeholders (social perception of the of the institution.
12. Establishment details	
DD MM YYYY	
Year of 02 / 08 / 2004 establishment of IQAC	
13. Composition of IQAC (Enter a number; 0 for n	il)
Number of IQAC members	18
Number of Alumni in IQAC	1
Number of Students in IQAC	1
Number of Faculty in IQAC	11
Number of Administrative Staff in IQAC	1
Number of Technical Staff in IQAC	0
Number of Management Representatives	1
Number of External experts in IQAC	2
Number of any other stakeholder and community representatives	1
14. IQAC Meetings	

15. Whether Calendar of activities of IQAC formulated for the academic year

9

Number of IQAC meetings held during the year

7+2

- 1. Principal's meeting with all departments to plan research activities, conferences & workshops, Student Enrichment & counseling for the academic year.
- 2. 16.11.2012 Interactive Session on Evaluation Pattern & Research

16. IQAC Plans for Development (Enter a number; 0 for	r nil)
Number of academic programs proposed 1. Ph.D Biotech 2. M.A. English	2
Number of value added programs proposed CSC – Cyber Security	1
 Number of skill oriented programs proposed Che-1 (Certificate course on herbal medicine) HSc-4 (Interior Decoration Certificate Program, Sports Nutrition(Certificate Course), Textile Designing, Culinary Skills) CSC - 1 (Essential Employability skills) BCA-1 (Numerical Aptitude & Logical Reasoning) Viscom-1 (Introduce Art based courses) 	8
 Number of faculty competency and development programs proposed Faculty Retreat IQAC - Evaluation Pattern & Research Dr Vanitiha Williams (UBCHEA) CSC -Data Base Management System Commerce - 'Dynamics of an Effective Work Relationship' for WCC staff with less than 3 yrs exp. IT- conducting workshop for faculties about current generation students PG Mat - Maxima Software 	7
 Number of other staff development programs proposed Non-teaching staff Retreat Commerce – 'Financial Literacy – Savings & Investment Planning' – for Nonteaching staff CSC – Computer Basics -Admn. Staff MS Word CSC – Computer Basics -Admn. Staff MS Excel 	4
Number of student mentoring programs proposed 1. Remedial Coaching	1
Number of co-curricular activities proposed 1. Eureka Club 2. Bio-Image Club 3. Hi-Phy	28

4. Chemfest

- 5. HR Conclave 6. PR Campaign 7. Mathematics Association 8. Nutrition week 9. Comkurrence - Commerce 10. Corp.Eco 11. Vis. Com 12. Synchronize - Computer Science 13. Rivett - English 14. College Play
 - 15. HSc Workshop on Confectionary & Chocolate Making
 - 16. Hst-2 (Students work with artist in Dakshinchitra, conservation training at museum)
 - 17. Study Trips
 - 18. Che-4 Chem Club Activities
 - 19. PBB 1 Tree Census
 - 20. Viscom-3 (to organize dept. seminar, media workshop, art/photography exhibition)
 - 21. IT-To develop software application to support college community
 - 22. Lang II-1 state level workshop

Number of inter departmental cooperative schemes proposed

- 1. CSC Mathematical Software
- 2. PG Mat -Introducing Maxima skill course using IT Lab

Number of community extension programs proposed

- Hst-Village adoption
- Service Learning Projects
- Hsc- 6 programs which include various target groups like pre-school & school children, Adolescents, Pregnant & Lactating mothers, Senior citizens as well as the IT industry & other corporate sectors.
- Viscom-1 (Rural visit for the course dev. Communication to create media awareness, women empowerment)
- IT-conducting workshop for a group of govt. staff reg. basic computer skills

Any other programs proposed (Specify)

)		

2

10

17. IQAC Plans for development & Implementation (Enter	er a number; 0 for nil)
Number of academic programs implemented B.Com Honors	1
 Number of value added programs implemented CSC- Cyber Security PG Mat- Scripture & Social Ethics programs for M.Sc. students 	2
 Number of skill oriented programs implemented Maths - Use of Mathematics Software ZBT - IT Tools for biologists & Bioinformatics PG Mat-Quantitative aptitude & Logical reasoning for all PG students 	3
Number of faculty competency and development programs implemented 1. CSC – Oracle DBA	1
Number of other staff development programs implemented 1. Non-teaching staff retreat 2. CSC - Computer Basics - MS Word - Admn. Staff 3. CSC - Computer Basics - MS Excel - Admn Staff	3
Number of student mentoring programs implemented 1. Remedial Coaching	1
 Number of co-curricular activities implemented Mathematics Association Hi-Phy Che-5 (through Chemistry club) PBB - 1 (Tryst with tress of Chennai - photo exhibition) ZBT - 2 (OJT, Service Learning) CSC - 2 (SANSBOUND, IGCAR) Corp-Eco - 1 (Model United Nations) Viscom-3 (Two-day creativity workshop, street play, media based seminar) CST-14 (Renaissance Association) PG Mat-1 (intercollegiate Mathematics association) 	31
 Number of inter departmental cooperative programs implemented Physics - Night Sky Watch program as part of NME Course organized in collaboration with Mathematics Dept. 	5

• Che-1 – Pharmaceutical Chemistry with Biotech. Dept.

Che. As Sup.Elec. PaperCSC – 2 (Maxima, Mathematica)	
 Number of community extension programs implemented HST -Village Adoption Hsc - 7 (Awareness program-world heart day, diabetes awareness, nutrition education awareness programs for employees, school students) CSC -ICSA Psy - 2 (Awareness program on Suicide Prevention in Association with SNEHA, Awareness Program on Promoting Healthy Relationships) BCA-Service Learning Project by II Yrs Any other programs suggested that are implemented (Specify) 	2
1. CSC -Seminar on Software Engineering	
 18. IQAC Seminars and Conferences (Enter a number; 0 for Number of seminars / conferences / workshops organized by IQAC within the institution 1. A National Conference on "An Integrated Approach to Healing with Foods" was organized on 31st August 2012. 2. A National Conference on "Biodiversity - Green Strategies for Sustainable Development" sponsored by the National Biodiversity Authority (NBA), MoES, UGC & Radiant Cash Management Systems was organized on 22nd & 23rd January 2013 3. A two day National Seminar on 'Enhancing Psychological Well-Being of Children -Role of the Teacher' was organized on 28th & 29th January 2013. 4. A National Conference on 'Folklore & Literature' was organized by the Department of English to mark their Golden Jubilee on 19th February 2013. 5. A two-day National Conference on 'Contemporary Trends in Tourism & Hospitality' sponsored by ICSSR & UGC was organized on 12th & 13th March 2013. 6. The National level Model United Nations Conference was organized on 20th and 21st July 2012. 	nil) 6
Number of participants from the institution	1414
Number of participants from outside	872
Number of external experts invited	44

• Hsc – Basics in Foods & Nutrition is offered to the II

Number of external conferences/seminars/ workshops on institutional quality attended

Ms Anuradha Dr. Gowri Ramesh & Dr D Sumathi

1. Role of College Teachers in Enhancing Quality in Higher Education, organized by the University of Madras on 24th August, 2012.

Dr Annie Kuriachen

2. *United* Board *Fellows Seminar*, Sponsored by United Board for Christian Higher Education in Asia, Silliman University, Philippines, and at CSB, Manila, Philippines, July 21 - July 28, 2012.

Dr Beulah Immanuel, Dr Sheila John

3. Academic Leadership for Heads of Departments, Centre for Education Beyond Curriculum (CEDBEC), Christ University, Bangalore, Christ University, Bangalore, 28.09.12

Dr Anna Siromoney

 Physware 2012 – A collaborative workshop on low cost equipment and appropriate technologies that promote undergraduate level Hands – on physics education throughout the developing world, International Centre for Theoretical Physics, (ICTP, Trieste, Italy), 27 November – 7 December 2012, Miranda House College, Delhi

Dr Pauline R

5. Educators Response towards Care of Mother Earth' organized by the Asian Christian Faculty Fellowship Conference of Philippines Chapter at Silliman University, Philippines (25th to 27th October 2012)

Dr Vanitha Williams

 Fellows Program sponsored by the United Board, Leadership Training Program (I Placement) Department of Life Science, Tunghai University, Taiwan, 10th September to 22nd Dec 2012.

Ms Nora Vigasini

7. Workshop for young lecturers of Christian Colleges in India: Towards developing foundational leadership, All India Association for Christian Higher Education (AIACHE), Arul Anandar College, Karumathur, Madurai, 1 & 2 June 2012

Ms Shoba Leslie

- 8. Advanced leadership, Haggai Institute, Maui, U.S.A, 08/05/2012 01/06/2012,
- 9. Conclave on Recruitment Trends 2013, ICT Academy of Tamil Nadu, 19/02/2013, Hotel Le Royal Meridien
- 10. Defining Dialogues Placement Coordinators' Meet, Cognizant Technology Solutions, 16/03/2013, MEPZ, Cognizant Technology Solutions, Chennai

Dr S Usharani

11. Better Graduates for Better Tomorrow, Pearsons Publications, 1st September, 2012, Hotel Residency, Chennai

Number of events conducted with IQACs of other institutions as collaborative programs

_

19. Did IQAC receive any funding from UGC during the year?



Yes

No



20. If the response to Qn. 19 is Yes, please provide the amount received from UGC - (Input 0 - if NA/NIL-) Any other source including internal financial support from the management (Specify amount)

Amount Received from UGC

5211243

1. Minor Research Project

Ms Annie Rubens	95,000.00
Ms Shajini Judith Diana	50,000.00
2. XI Plan Development of Sports Infrastructure & Equipment	354,500.00
3. XI Plan - FIP Contingency - Ms Jeyasanthi	15,000.00
4. XI Plan Women's Hostel Project - Balance Grant	2,000,000.00
5. XII Plan Coaching Schemes - Remedial Coaching	153,044.00
6. XII Plan Coaching Schemes - Net Coaching Autonomy Grant:-	150,000.00
1. Amount Received for the year 2009-10	393,699.00
2. Amount received for the year 2010-11	400,000.00
3. Amount received for the year 2012-13	1,600,000.00

TOTAL

5,211,243.00

Amount Received from any other source including the college management

4529623.0	00
-----------	----

management	
Chemistry Club	24520.00
Christian Education Council	32910.00
College Play A/c - CL	729997.00
Consultancy	18000.00
Contemporary Trends In Tourism & Hospitality	425700.00
FESTEVE	930640.00
Green Grandeur of Women's Christian College	15000.00
Human Relations -C/L	60500.00
Nat.Sem.on Psychological Well Being of Children	628075.00
Nature Camp	50000.00
NC-Biodiversity-Green Strategies	325050.00
NC on Folklore-Eng Dept	129550.00
RIVETTE A/C	20836.00
Silver Jubilee-CSC	399500.00
SKB- English Lab	57950.00

Student's Welfare Cell- SNEHA	5000.00
Yi-WCC Net	138000.00
Project-Dialect Dictionery of Vilavancode	100000.00
Work Shop Seminar-B.A Corp	198400.00
Public Releation Campaign-MA Communication	15000.00
Work Shop Seminar-Management Studies	64500.00
National Conference-Msc Physics	10000.00
Work Shop Seminar-Bsc Viscom	65000.00
UBCHEA Project	9755.00
English Dept. conference	5000.00
Work Shop Seminar-B.Com	70740.00
	4529623.00

21. Any significant contribution made by IQAC on quality enhancement during current year (Please provide details in bullet format)

- Six National Conferences were organized.
- UGC NET Coaching classes conducted for the PG students after College Hours four M.Sc. Home Science students successfully completed & qualified themselves for Lectureship.
- Remedial Classes were conducted for slow learners.
- 80 Computers, one laptop and four LCD Projectors were purchased for various departments.
- 40 Equipment for the Departments were purchased.
- 45 Field Trips / Institutional visits were arranged for the students



5.

SECTION III

In this section the events, activities, and outputs in the field of research and academic areas are being surveyed.

22. Academic Programs

Number of new academic programs developed or designed by faculty

2

- Business English
- PG Biotech- PhD

Number of faculty members involved in curriculum restructuring/revision/syllabus development

150

Lang – 5,Hst-3, Eng-13, Mat -5, Phy-7, PBB-7, ZBT-6,HSc-14, Psy-10, CSC – 5, Com-9, Mgt.stu-9, BCA-6, Corp-4, Viscom-6, CST-9, PG Phy-5, PG CHe-4, PG Biotech-5, IT-4, MA Com-4, PG Mat-4, Eng-5, Lang II-1

Number of programs in which evaluation process reformation taken up and implemented Hst-1	5
Viscom-1 (Media Research Methods & Digital Pre press is changed from prac to theory), IT-1,	
PG Mat-1 Course evaluation pattern for M.Sc. Maths programme, Eng-1(4 gen eng & 4 skill based papers)	
Number of active teaching days during the current academic year	180
Average percentage of attendance of students	91.5
Percentage of classes engaged by guest faculty and temporary teachers	7
Number of self financed programs offered	17
Number of aided programs offered	19
Number of programs discontinued during the year	0
23. Whether any systematic student feedback mechanism is in	place?
Yes	
24. Feedback Details (If answer to Question 23 is yes)	
Percentage of courses where student feedback is taken Written feedback forms are given by all the students for all the courses at the end of each semester	100%
25. Is feedback for improvement provided to the faculty?	
Yes	
26. Faculty Research, Projects, and Publication details for the	year
Number of major research projects undertaken during the year UGC Major Research Project 2012	1
1. "History of South Travancore Society: 200 years before and after imprints of Protestant Christianity" - Dr. M. Florence, Associate Profes Department of Languages - Tamil and Dr. Jeyasanthi, Assistant Profes Department of Languages - Tamil. Rs. 8,39,600/- (I installment - 5,46,600/-)	ssor,
Number of minor research projects undertaken during the year UGC Minor Research Projects 2012	2
1. Optimising management of metabolic syndrome among popersonnel to reduce risk of non communicable diseases: A focu	

life style - Ms. J. Shajini Judith Diana & Dr. Sheila John, Department of

Home Science – Rs. 1,00,000/-

 Screening of Hydrophytes for Anti-mosquito Larvicidal Activity - Ms. Annie Rubens, Department of Advanced Zoology & Biotechnology – Rs. 1,60,000/- April 2013 	
Number of major ongoing projects	1
UGC Major Research Project 2012	
"History of South Travancore Society: 200 years before and after the imprints of Protestant Christianity" - Dr. M. Florence, Associate Professor, Department of Languages - Tamil and Dr. Jeyasanthi, Assistant Professor, Department of Languages - Tamil. Rs. 8,39,600/- (I installment – Rs. 5,46,600/-)	
Number of minor ongoing projects	4
UGC Minor Research Projects 2012	
 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/- Screening of Hydrophytes for Anti-mosquito Larvicidal Activity - Ms. Annie Rubens, Department of Advanced Zoology & Biotechnology - Rs. 1,60,000/- April 2013 	
UBCHEA PROJECTS 2011-2012	
 Academic Design for Inter-Religious Tolerance and Peace Building - Mrs. Nalini Singaravel & Mrs. Helen Thimmayya (2000 USD) (Extended till Jan 2014 for use of left balance and final report will be submitted in January 2014) Study on Money Management Techniques by Women Street Vendors in Chennai City - Ms. Margaret Alexander, Ms. M. Easwari & Ms. Priya (2,250 USD) (Extended till July 2013 and final report submitted in July 2013) 	
Number of major projects completed	0
Number of minor projects completed	0
Number of major project proposals submitted for external funding TNSCST (2012)	3
 "Construction and Standarization of an Assessment Tool to Screen Developmental Disorders in Indian Children" under Joint Science and Technology Projects (JSTP) 2012 by Dr. Veena Easvaradoss, Dr. Miriam Archana Simon and Ms. Sarah Sruti Lall, Department of Psychology DST (2013) 	

2. "Structural & Biochemical Analysis of Selected Edible Seeds and the Effect of Lecithin on Hypercholesterolemia Induced Male Wistar Rats" under DST SERC scheme by Dr. T.S. Renuga Devi, Department of Physics

DST (2012)

3. "Oxidation of alkyl aromatics and alcohols over CeAIPO – 18 and Ce-ZSM – 5 catalysts" under Fast Track Scheme for Young Scientist – Dr. M. Esther Leena Preethi, Department of Chemistry.

Number of minor project proposals submitted for external funding

UBCHEA Projects (2013-14)

- <u>N</u>utrition <u>Intervention Strategies to <u>Prevent Iron Deficiency Anemia</u> among adolescent girls in Chennai, India (NISPIDA- A Service Learning Project) – Dr. Sheila John, Head, Department of Home Science.
 </u>
- 2. 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
- 3. "Module for Developing a policy on healthy packed lunch for school children" Ms. Jasmine Jenifer Arulmani, Assistant Professor, Department of Home Science.
- 4. "Resource Recovery on campus through vermicomposting and greywater recycling" Dr. Mary Pearl Ravikumar and Dr. Betsy Selvakumar, Department of Advanced Zoology & Biotechnology

Number of research publications in peer reviewed journals Ms Kalavathy Santhi

- 1. **'Structural and magnetic investigations on metastable Ag Fe nanophase ally'**, (2013), *Journal of Alloys and Compounds (Elsevier)*, Vol. 557, Pg.172 178.
- 2. **'CO-Ag Nanomaterial synthesis, structure and magnetic properties'**, (2013), *Advanced Materials Research*, Vol. 678, Pg. 3-6.

Dr T S Renuga Devi

- 3. **'Structural, Thermodynamical And Vibrational Analysis Of Simvastatin Using Molecular Mechanics'**, (2012), *International Journal of Advances in Pharmaceutical Research*, Vol.3 (1), Pg.736 745.
- 4. **'Efficacy Of Gymnemasylvestre And Pterocarpusmarsupium In The Treatment Of Diabetes Ftir Spectral Study'**, (2012), *International Journal of Health and Pharmaceutical Sciences*, Vol. I (2), Pg. 56 -61.
- 5. 'Studies on Linearty and Assay using Rp-Hplc and Uv-Visible Spectroscopy for the Drugs Oxcarbazepine and Pioglitazone Before and After Expiry Period', (2012), <u>International Journal of Advances in Pharmaceutical Research</u>, Vol. 3 (6), Pg.1731-1734.
- 6. **'FTIR Spectral Study on Diabetic Blood Samples Monotherapy and Combination Therapy'**, (2012), *International Journal of Pharmaceutical Research & Technology*, Vol. 4 (1), Pg. 17-26.

<u>Dr Margaret Marie</u>

 'Synthesis and spectral characterisation of hydrazone based 14membered octaaza macrocyclic Ni(II) complexes' (2012), Journal of Chemical and Pharmaceutical Research, Vol.4(2), Pg. 986-990.

Dr D R Shobha Jeykumari

8. 'Nanobiocomposite Electrochemical Biosensor Utilizing Synergic Action of Neutral Red Functionalized Carbon Nanotubes' (2012), Nano-Micro Letters, Vol. 4 (4), Pg. 220-227.

Dr Sheila John

- 9. **'Effect Of Supplementation Of Protein Rich Ladoo On The Nutritional Status Of Undernourished Elders'**, (2012), *Eduventure Research Journal of Oueen Marys College*, Vol.5 (2).
- 10. 'Does Sugar Sweetened Beverage Consumption Alter Food Intake Among South Indian Adolescents Girls', (2012), <u>Indian Diets And Health: In Retrospect And Prospect, Journal of Indian Dietetic Association</u>, Vol. 36S, Pg. 81 82.

Dr Nancy Angeline Rani

- 11. 'Assessment of Acceptability, Nutritive Value and Shelf Life of Newly Developed Vegetable Wine', (2012), <u>Guru Nanak Journal of Multidisciplinary Research</u>, Vol. 1(2), Pg. 137-140.
- 12. 'Antioxidants and Diabetes mellitus', <u>Supplement issue to Panacea Journal of Health Sciences. Online ISSN number: 2278 4330</u>

Dr Mary Pramela

13. 'Formulation Of Jambolan (Syzygium Cumini) Wine And Evaluation Of Its Hypoglycemic Effect And Acceptability', <u>Supplement issue to Panacea Journal of Health Sciences. Online</u> ISSN number: 2278 4330

Dr Maria Margaret Joseph

14. 'Study On The Shelf Life, Nutrient Content And Sensory Acceptability Of Lotus Seed Flour', (2012), *Indian Diets and Health: In Retrospect and Prospect, Journal of Indian Dietetic Association*, Vol. 36 S, Pg. 181.

Dr. Gowri Ramesh

15. 'Acceptability And Shelf Life Of Biotea And Selected Products Formulated With Biotea' (2012), <u>Indian Diets and Health: In Retrospect and Prospect, Journal of Indian Dietetic Association</u>, Vol. 36 S, Pg.144.

Dr Annette Beatrice

- 16. **'The Nutritional Status Of Adolescent Refugee Girls At Rayanur Camp In Karur'**, (2012), *Guru Nanak Journal of Multidisciplinary Research*, Vol. 1(2). Pg. No. 141-143
- 17. **'Type 1 Diabetes and Dietary Management A Brief Review',** <u>Supplement issue to Panacea Journal of Health Sciences. Online</u> ISSN number: 2278 4330.
- 18. 'Detecting Diabetes mellitus among adolescent girls and the association with dietary habits and anthropometric status', <u>Supplement issue to Panacea Journal of Health Sciences, Vol. 2, Online ISSN number: 2278 4330.</u>

Ms Jasmine Jenifer

- 19. **'Perspectives Of Health Professional On Functional Foods'**, (2012), *Indian Diets and Health: In Retrospect and Prospect, Journal of Indian Dietetics Association*, Vol. 36S, Pg 83.
- 20. 'Medicinal Herbs and Plants of Nepal Having Hypoglycemic Properties', <u>Supplement issue to Panacea Journal of Health Sciences</u>. <u>Online</u> ISSN number: 2278 4330.
- 21. 'A Study On The Shift From Homemade Foods To Convenience Foods Among Working And Nonworking Women In Chennai', (2012), *Indian Diets and Health: In Retrospect and Prospect, Journal of Indian Dietetics Association*, Vol. 36S, Pg 165.
- 22. 'Food Consumption Pattern, Food Security, Health And Nutritional Status Of Children Belonging To The Narikuravar Community', (2012), *Indian Diets and Health: In Retrospect and Prospect, Journal of Indian Dietetics Association*, Vol. 36S, Pg 166.
- 23. 'An Exploratory Study On The Traditional Foods, Nutritional Beliefs And Dietary Practices Of The People Of Nepal', (2012), <u>Indian Diets and Health: In Retrospect and Prospect, Journal of Indian Dietetics Association</u>, Vol. 36S, Pg 166.

Dr Sheba Sangeetha Jeyaraj

24. 'Effect Of Hibiscus Juice Supplementation On The Body Mass Index And Blood Haemoglobin Levels Of Anemic College Girls', (2012), Indian Diets and Health: In Retrospect and Prospect, Journal of Indian Dietetics Association, Vol. 36S, Pg. 174.

Ms Shajini Judith Diana

25. 'Effect Of Bottle Gourd Juice Supplementation On The Anthropometric Measurements, Plasma Glucose Levels, Serum Lipid Profile And Blood Pressure Levels Of Diabetic Women With

- **Hypercholesterolemia'**, (2012), *Indian Diets and Health: In Retrospect and Prospect, Journal Of Indian Dietetic Association*, Vol. 36 S, Pg.51.
- 26. 'Significance Of Fruit And Vegetable Consumption Among School Children: A Garden-Based Nutrition Education' (2012), <u>Indian Diets and Health: In Retrospect and Prospect, Journal of Indian Dietetic Association</u>, Vol. 36S, Pg. 82.

Ms Preetha R

- 27. 'A Study On The Food Labels Of Pre-Packaged Foods Commonly Available In The Market', (2012), *Guru Nanak Journal of Multidisciplinary Research*, Vol.1 (2), Pg. 144-146.
- 28. 'A Study on the Knowledge Gained By Women Consumers after an Education Program on Food Labels', (2012), *Indian Diets and Health: In Retrospect and Prospect, Journal Of Indian Dietetic Association*, Vol. 36S, Pg.175.

Dr Suneeta Saghayam

- 29. **'Spectrum of malignancies among HIV infected patients in South India',** (2012), *Indian Journal of Cancer*, Vol. 49 (1), Pg 176-180.
- 30. 'Effect of Supplementation of Irumpanpulli (Averrhoea Bilimbi) Concentrate On The Lipid Profile Of Hypercholesterolemic Men', (2012), Indian Diets and Health: In Retrospect and Prospect, Journal Of Indian Dietetic Association, Vol. 36.S, Pg.98.

Ms Nora Vigasini

31. **'Effect of lycopene in Tomato soup & Tomato juice on the lipid profile of hyperlipidemic subjects'**, (2012), *Panacea Journal of Health Science*, Vol. 1, Pg. 5.

Ms Narmadha V

32. **'Transportation Network Data Structures'**, (2013), *International Journal of Applied Research & Studies*, Vol. II (1), Pg. 300.

Dr Veena Easvaradoss

- 33. 'Effect of gender and socio-economic status on aggression among adolescents a comparison of rating by self, parent, teacher and peer', (2012), *Indian Journal of Health and Well-Being*, Vol. 3 (1) Pg. 206-210.
- 34. 'The Business Process Outsourcing Shiftwork Rating Scale Development as a tool', (2012), <u>Academic Research National Journal of Ivoti Research Academy</u>, Vol. 6 (1), Pg. 23-30.
- 35. 'The effect of happiness-related Psychological intervention on happiness, forgiveness and gratitude among adolescents', (2012), Indian *Journal of Positive Psychology by Indian Association of Health, Research and Welfare* (IAHRW), Vol. 3 (4). Pg. 402 405.

Dr Priva R Iver

- 36. 'Developmental Microbiology and Molecular Biology Mycoprotein from Fusarium SPP', (2013), <u>Developmental Biology and Molecular Biology Journal</u>, Vol. 4 (1), Pg. 15-32.
- 37. **'Isolation and Characterization of Protease from** *Bacillus* **spp and** *Serratia* **spp'**, (2012), *South Asian Journal of Experimental Biology*, Vol. 2 (6), Pg. 252-255.
- 38. 'Comparative Study for the Production of Biosurfactant by Pseudomonas *flourescens* 2421 and Pseudomonas *aeroginosa* isolated from soil', (2012), *Asian Journal of Microbial Biotechnology and Environmental Sciences*, Vol. 15 (1), Pg. 65-70.
- 39. **'Common Plants- An indigenous Source of Natural Medicine**', (2012), International Journal of Ayurvedic and Herbal Medicine, Vol. 2 (6), Pg. 975-991
- 40. **'Probiotic product- Nisin and Bifidin against pathogenic strains',** (2012), *Advance Journal of Pharmaceutical sciences*, Vol. 1(1), Pg. 8-12.
- 41. 'Antimicrobial activity of Aloevera barbendensis, Daucus carota, Emblica officinalis, Honey and Punica granatum and formulation of

- a health drink', (2012), *Malaysian Journal of Microbiology*, Vol. 8(3), Pg. 141-147.
- 42. **'Isolation and Application of Xylanase Producing Organism'**, (2012), *Advanced Biotech*, Vol.12 (4), Pg. 24-26
- 43. 'Microbial Cell Fuel from Cooum River Water', (2012), *Advanced Biotech*, Vol. 12 (3), Pg. 35-37.

Dr V Judia Harriet Sumathy

- 44. 'A Comparative Study on the Efficiency of Microorganisms in Biosorption of Aluminium and Detoxification of Mercury', (2012), *Advanced Biotech*, Vol. II (7), Pg. 22-25.
- 45. **'Prevention of Enzymatic Browning in Juices using Natural Inhibitors'**, (2012), *Advanced Biotech*, Vol. II (9), Pg. 14 16.
- 46. **'Biodegradation and Recycling of Cigarette Butts as Useful Insecticides'**, (2012), *Fon Scientia Journal of Research & Applied Science*, Vol.1 (1), Pg. 3-6 (ISSN 2279 0586).
- 47. **'Biodegradable Bioplastics Preparation from Prawn Shells and Potato Starch'**, (2012), *Fon Scientia Journal of Pharmaceutical Research*, Vol. 1(2), Pg. 7-10 (ISSN 2279 0586).
- 48. 'Isolation, Production and Purification of Lipase from Aspergillus Niger using Gingerly Oil Cake as Substrate' (2012), Fon Scientia Journal of Pharmaceutical Research, Vol. 1 (2), Pg. 11-14 (ISSN 2279 0586).
- 49. **'Bioluminescence in E. coli by Transformation and Anti Bacterial Activity in Squid Fish Ink',** (2012), *Advanced Biotech*, Vol. XII (1), Pg. 12 13
- 50. **'Effect of Pectin from Papaya Peel',** (2012), *Advanced Biotech*, Vol. XII (3), Pg. 32 34.
- 51. **'Ethanol Production from Cellulytic Material'**, (2012), *Biosciences International*, Vol. 1(2), Pg. 25 29.
- 52. 'Use of Rice Bran, Wheat Bran and Coconut Water as Enhancers for the production of Bio -plastics', (2012), *Biosciences International*, Vol. 1 (2), Pg. 46 51.
- 53. **'Isolation and Identification of Bacteria from Covered and Uncovered Mobile Phones'** (2012), <u>International Journal of Environmental Sciences</u>, Vol. 3 (1), Pg. 44 54.
- 54. **'Biosorption of Chromium by Penicillium'**, (2012), <u>International</u> <u>Journal of Environmental Sciences</u>, Vol. 3 (1), Pg. 55 61 (ISSN 0976 4402).
- 55. **'Antimicrobial Activity of Herbal Hand Washes against Microorganisms'** (2012), *Biosciences International Journal*, Vol. 1(3), Pg. 78 –81.
- 56. 'Amplification and Comparison of Human 4s rRNA Intergenic Spacer Region among Indian Population', (2012), <u>Biosciences International Journal</u>, Vol. No. 1 (3), Pg. 51 –57.
- 57. **'Effect of Probiotic Health Drink Supplement on Serum Lipid Profile and Blood Glucose',** (2012), *Biosciences International Journal*, Vol. 1(3), Pg. 58 –65.
- 58. 'Anti-Bacterial and Anti-Fungal Activity of Botanical Extracts Against Microorganisms Isolated from Mouth Flora', (2012), <u>Biosciences International Journal</u>, Vol. 1(3), Pg. 74 –77.

Dr C Anchana Devi

59. 'Docking study on *Mycobacterium tuberculosis* receptors AccD5 and PKS18 with selected Phytochemicals', (2012), *International Organization of Scientific Research – Journal of Pharmacy and Biological sciences*, Vol. 4 (3), Pg. 1-4.

Ms Nancy Elizabeth G

60. **'Effect of emotional intelligence on learning factor – a Exploratory study',** (2013), *Journals of Business Management & Social Science Research*, (online)

61. **'Effect of emotional intelligence'**, (2013), <u>South Asian academic research</u> (ISSN No.2249-7137) (Online)

Ms Usha D

62. **'Target Gen Y-online or offline'**, (2013), *International journal on business and management invention*, Pg. 22. (ISSN 2319-8028).

Dr Shilpa M

- 63. **'Study of DNA light switch Ru (II) complexes synthesis characterization, photocleavage and antimicrobial activity'**, (2012), *Journal of Fluorescence*, Vol. 22, Pg. 835 847.
- 64. **'Synthesis, Characterization and DNA binding characteristics of RU (II) molecular light switch complexes'**, (2012), *Journal of Iranian Chemical society*, Vol. 9, Pg. 671 680.

Dr Eswari M

- 65. 'A Study on Brand Equity of Bottled Water in India A Case Study', (2012), *Aditya International Journal of Modern Day Practices*. Vol.1 (6), Pg. 40-50
- 66. 'Customer Usage Behaviour of Bill Pay Services With special reference to Private Sector Banks in Coimbatore', (2012), *Excell International Journal of Multidisciplinary Management Studies*, Vol. 2 (6), Pg. 1-10.
- 67. 'A Study on Dealers Satisfaction with Reference to Cochin Exports Pvt. Limited', (2012), *Excell International Journal of Multidisciplinary Management Studies*, Vol. 2 (11), Pg. 191-202.

Ms B S Catherine

68. 'A Role of Technology in Micro Finance for Innovation in the Changing Arena', (2012), *Guru Nanak Journal of Multidisciplinary Research*, Online ISSN 227-1049.

Ms Archana N

69. **'Exploring the reasons for crime against women in India'**, (2013), *Human Rights International Research Journal*, Vol. 1 (1).

Dr I Jeba Jesintha

70. 'Butterfly Graphs with Shell Orders m and 2m+1 are Graceful', (2012), <u>Bonfring International Journal of Research in Communication Engineering</u>, Vol.2 (2), Pg.1-5.

Number of research publications in international peer reviewed journals

Ms Kalavathy Santhi

- 1 **'Structural and magnetic investigations on metastable Ag Fe nanophase ally'**, (2013), *Journal of Alloys and Compounds (Elsevier)*, Vol. 557, Pg.172 178.
- ² 'CO-Ag Nanomaterial synthesis, structure and magnetic properties', (2013), *Advanced Materials Research*, Vol. 678, Pg. 3-6.

Dr T S Renuga Devi

- 3 'Structural, Thermodynamical And Vibrational Analysis Of Simvastatin Using Molecular Mechanics', (2012), <u>International</u> <u>Journal of Advances in Pharmaceutical Research</u>, Vol.3 (1), Pg.736 – 745.
- 4 'Efficacy Of Gymnemasylvestre And Pterocarpusmarsupium In The Treatment Of Diabetes - Ftir Spectral Study', (2012), <u>International Journal of Health and Pharmaceutical Sciences</u>, Vol. I (2), Pg. 56 -61.
- 5 'Studies on Linearty and Assay using Rp-Hplc and Uv-Visible Spectroscopy for the Drugs Oxcarbazepine and Pioglitazone

Before and After Expiry Period', (2012), *International Journal of Advances in Pharmaceutical Research*, Vol. 3 (6), Pg.1731 -1734.

6 'FTIR Spectral Study on Diabetic Blood Samples - Monotherapy and Combination Therapy', (2012), <u>International Journal of Pharmaceutical Research & Technology</u>, Vol. 4 (1), Pg. 17-26.

Dr Margaret Marie

7 'Synthesis and spectral characterisation of hydrazone based 14-membered octaaza macrocyclic Ni(II) complexes' (2012), Journal of Chemical and Pharmaceutical Research, Vol.4(2), Pg. 986-990.

Dr D R Shobha Jeykumari

8 'Nanobiocomposite Electrochemical Biosensor Utilizing Synergic Action of Neutral Red Functionalized Carbon Nanotubes' (2012), Nano-Micro Letters, Vol. 4 (4), Pg. 220-227.

Dr Sheila John

9 **'Does Sugar Sweetened Beverage Consumption Alter Food Intake Among South Indian Adolescents Girls'**, (2012), <u>Indian Diets And</u>
<u>Health: In Retrospect And Prospect, Journal of Indian Dietetic</u>
<u>Association</u>, Vol. 36S, Pg. 81 - 82.

Dr Maria Margaret Joseph

10 'Study On The Shelf Life, Nutrient Content And Sensory Acceptability Of Lotus Seed Flour', (2012), <u>Indian Diets and Health:</u> <u>In Retrospect and Prospect, Journal of Indian Dietetic Association</u>, Vol. 36 S, Pg. 181.

Dr. Gowri Ramesh

11 'Acceptability And Shelf Life Of Biotea And Selected Products Formulated With Biotea' (2012), <u>Indian Diets and Health: In Retrospect and Prospect, Journal of Indian Dietetic Association</u>, Vol. 36 S, Pg. 144.

Ms Jasmine Jenifer

- 12 **'Perspectives Of Health Professional On Functional Foods'**, (2012), *Indian Diets and Health: In Retrospect and Prospect, Journal of Indian Dietetics Association*, Vol. 36S, Pg 83.
- 13 'A Study On The Shift From Homemade Foods To Convenience Foods Among Working And Nonworking Women In Chennai', (2012), <u>Indian Diets and Health: In Retrospect and Prospect, Journal of</u> <u>Indian Dietetics Association</u>, Vol. 36S, Pg 165.
- 14 'Food Consumption Pattern, Food Security, Health And Nutritional Status Of Children Belonging To The Narikuravar Community', (2012), <u>Indian Diets and Health: In Retrospect and Prospect</u>, Journal of Indian Dietetics Association, Vol. 36S, Pg 166.
- 15 'An Exploratory Study On The Traditional Foods, Nutritional Beliefs And Dietary Practices Of The People Of Nepal', (2012), Indian Diets and Health: In Retrospect and Prospect, Journal of Indian Dietetics Association, Vol. 36S, Pg 166.

Dr Sheba Sangeetha Jeyaraj

16 'Effect Of Hibiscus Juice Supplementation On The Body Mass Index And Blood Haemoglobin Levels Of Anemic College Girls', (2012), <u>Indian Diets and Health: In Retrospect and Prospect, Journal of Indian Dietetics Association</u>, Vol. 36S, Pg. 174.

Ms Shajini Judith Diana

- 17 Effect Of Bottle Gourd Juice Supplementation On The Anthropometric Measurements, Plasma Glucose Levels, Serum Lipid Profile And Blood Pressure Levels Of Diabetic Women With Hypercholesterolemia', (2012), <u>Indian Diets and Health: In Retrospect and Prospect, Journal Of Indian Dietetic Association</u>, Vol. 36 S, Pg.51.
- 18 'Significance Of Fruit And Vegetable Consumption Among School Children: A Garden-Based Nutrition Education' (2012), <u>Indian Diets and Health: In Retrospect and Prospect, Journal of Indian Dietetic Association</u>, Vol. 36S, Pg. 82.

Ms Preetha R

'A Study on the Knowledge Gained By Women Consumers after an Education Program on Food Labels', (2012), <u>Indian Diets and Health:</u> <u>In Retrospect and Prospect, Journal Of Indian Dietetic Association</u>, Vol. 36S, Pg.175.

Dr Suneeta Saghayam

- ²⁰ 'Spectrum of malignancies among HIV infected patients in South India', (2012), *Indian Journal of Cancer*, Vol. 49 (1), Pg 176-180.
- 21 **'Effect of Supplementation of Irumpanpulli (Averrhoea Bilimbi)**Concentrate On The Lipid Profile Of Hypercholesterolemic Men', (2012), *Indian Diets and Health: In Retrospect and Prospect, Journal Of Indian Dietetic Association*, Vol. 36.S, Pg.98.

Ms Narmadha V

²² **'Transportation Network Data Structures'**, (2013), *International Journal of Applied Research & Studies*, Vol. II (1), Pg. 300.

Dr Veena Easvaradoss

²³ 'Effect of gender and socio-economic status on aggression among adolescents – a comparison of rating by self, parent, teacher and peer', (2012), <u>Indian Journal of Health and WellBeing.</u> Vol. 3 (1) Pg. 206-210.

Dr Priya R Iyer

- 24 **'Developmental Microbiology and Molecular Biology Mycoprotein from Fusarium SPP',** (2013), <u>Developmental Biology</u> <u>and Molecular Biology Journal,</u> Vol. 4 (1), Pg. 15-32.
- ²⁵ **'Isolation and Characterisation of Protease from** *Bacillus* **spp and** *Serratia* **spp'**, (2012), *South Asian Journal of Experimental Biology*, Vol. 2 (6), Pg. 252-255.
- ²⁶ 'Comparative Study for the Production of Biosurfactant by Pseudomonas flourescens 2421 and Pseudomonas aeroginosa isolated from soil', (2012), <u>Asian Journal of Microbial Biotechnology and Environmental Sciences</u>, Vol. 15 (1), Pg. 65-70.
- 27 'Common Plants- An indigenious Source of Natural Medicine', (2012), <u>International Journal Of Ayurvedic And Herbal Medicine</u>, Vol. 2 (6), Pg. 975-991.

28 'Antimicrobial activity of Aloevera barbendensis, Daucus carota, Emblica officinalis, Honey and Punica granatum and formulation of a health drink', (2012), <u>Malaysian Journal of Microbiology</u>, Vol. 8(3), Pg. 141-147.

Dr V Judia Harriet Sumathy

- ²⁹ 'Biodegradation and Recycling of Cigarette Butts as Useful Insecticides', (2012), <u>Fon Scientia Journal of Research & Applied Science</u>, Vol.1 (1), Pg. 3-6 (ISSN 2279 0586).
- 30 **'Biodegradable Bioplastics Preparation from Prawn Shells and Potato Starch'**, (2012), *Fon Scientia Journal of Pharmaceutical Research*, Vol. 1(2), Pg. 7-10 (ISSN 2279 0586).
- 31 'Isolation, Production and Purification of Lipase from Aspergillus Niger using Gingerly Oil Cake as Substrate' (2012), <u>Fon Scientia</u> <u>Journal of Pharmaceutical Research</u>, Vol. 1 (2), Pg. 11-14 (ISSN 2279 – 0586).
- 32 **'Ethanol Production from Cellulytic Material'**, (2012), *Biosciences International*, Vol. 1(2), Pg. 25 29.
- 'Use of Rice Bran, Wheat Bran and Coconut Water as Enhancers for the production of Bio -plastics', (2012), <u>Biosciences International</u>, Vol. 1 (2), Pg. 46 51.
- 34 'Isolation and Identification of Bacteria from Covered and Uncovered Mobile Phones' (2012), <u>International Journal of Environmental Sciences</u>, Vol. 3 (1), Pg. 44 54.
- 35 **'Biosorption of Chromium by Penicillium'**, (2012), *International Journal of Environmental Sciences*, Vol. 3 (1), Pg. 55 61 (ISSN 0976 4402).
- ³⁶ 'Antimicrobial Activity of Herbal Hand Washes against Microorganisms' (2012), <u>Biosciences International Journal</u>, Vol. 1(3), Pg. 78 –81.
- 37 'Amplification and Comparison of Human 4s rRNA Intergenic Spacer Region Among Indian Population', (2012), <u>Biosciences</u> International Journal, Vol. No. 1 (3), Pg. 51 –57.
- ³⁸ **'Effect of Probiotic Health Drink Supplement on Serum Lipid Profile and Blood Glucose',** (2012), *Biosciences International Journal*, Vol. 1(3), Pg. 58 –65.
- 39 'Anti-Bacterial and Anti-Fungal Activity of Botanical Extracts Against Microorganisms Isolated from Mouth Flora', (2012), <u>Biosciences International Journal</u>, Vol. 1(3), Pg. 74 –77. Dr C Anchana Devi
- 40 'Docking study on Mycobacterium tuberculosis receptors AccD5 and PKS18 with selected Phytochemicals', (2012), <u>International Organization of Scientific Research Journal of Pharmacy and Biological sciences</u>, Vol. 4 (3), Pg. 1-4.
 Ms Nancy Elizabeth G
- 41 **'Effect of emotional intelligence on learning factor a Exploratory study',** (2013), *Journals of Business Management & Social Science Research*, (online)
- 42 **'Effect of emotional intelligence'**, (2013), <u>South Asian academic research Journal</u> (ISSN No.2249-7137) (Online)

 Ms Usha D
- 43 'Target Gen Y-online or offline', (2013), <u>International journal on business and management invention</u> Pg. 22. (ISSN 2319-8028).
 Dr Shilpa M
- 44 **'Study of DNA light switch Ru(II) complexes synthesis** characterization,photocleavage and antimicrobial activity', (2012), *Journal of Fluorescence*, Vol. 22, Pg. 835 847.

- 45 'Synthesis, Characterization and DNA binding characteristics of RU(II) molecular light switch complexes', (2012), <u>Journal of Iranian</u> <u>Chemical society</u>, Vol. 9, Pg. 671 – 680. Dr Eswari M
- 46 'A Study on Brand Equity of Bottled Water in India A Case Study', (2012), <u>Aditya International Journal of Modern Day Practices</u>, Vol.1 (6), Pg. 40-50.
- 47 **'Customer Usage Behaviour of Bill Pay Services With special reference to Private Sector Banks in Coimbatore',** (2012), *Excell International Journal of Multidisciplinary Management Studies*, Vol. 2 (6), Pg. 1-10.
- 48 'A Study on Dealers Satisfaction with Reference to Cochin Exports Pvt. Limited', (2012), Excell International Journal of Multidisciplinary Management Studies, Vol. 2 (11), Pg. 191-202.

Ms Archana N

- 49 **'Exploring the reasons for crime against women in India'**, (2013), *Human Rights International Research Journal*, Vol. 1 (1).
 - Dr I Jeba Jesintha
- 'Butterfly Graphs with Shell Orders m and 2m+1 are Graceful', (2012), <u>Bonfring International Journal of Research in Communication Engineering</u>, Vol.2 (2), Pg.1-5.

Number of research publications in national peer reviewed journals Dr Sheila John

- 1 'Effect Of Supplementation Of Protein Rich Ladoo On The Nutritional Status Of Undernourished Elders', (2012), <u>Eduventure Research Journal of Queen Marys College</u>, Vol.5 (2).

 Dr Nancy Angeline Rani
- 'Assessment of Acceptability, Nutritive Value and Shelf Life of Newly Developed Vegetable Wine', (2012), <u>Guru Nanak Journal of Multidisciplinary Research</u>, Vol. 1(2), Pg. 137-140.
- 3 **'Antioxidants and Diabetes mellitus'**, <u>Supplement issue to Panacea</u>
 <u>Journal of Health Sciences. Online</u> ISSN number: 2278 4330
 <u>Dr Mary Pramela</u>
- 4 'Formulation Of Jambolan (Syzygium Cumini) Wine And Evaluation Of Its Hypoglycemic Effect And Acceptability', Supplement issue to Panacea Journal of Health Sciences. Online ISSN number: 2278 4330

Dr Annette Beatrice

- The Nutritional Status Of Adolescent Refugee Girls At Rayanur Camp In Karur', (2012), <u>Guru Nanak Journal of Multidisciplinary Research</u>, Vol. 1(2). Pg. No. 141-143
- 6 **'Type 1 Diabetes and Dietary Management A Brief Review',** Supplement issue to Panacea Journal of Health Sciences. Online ISSN number: 2278 4330.
- 7 'Detecting Diabetes mellitus among adolescent girls and the association with dietary habits and anthropometric status', <u>Supplement issue to Panacea Journal of Health Sciences, Vol. 2, Online ISSN number: 2278 4330.</u>

Ms Jasmine Jenifer

8 'Medicinal Herbs and Plants of Nepal Having Hypoglycemic Properties', <u>Supplement issue to Panacea Journal of Health Sciences.</u>
<u>Online</u> ISSN number: 2278 4330.

Ms Preetha R

- 9 'A Study On The Food Labels Of Pre-Packaged Foods Commonly Available In The Market', (2012), <u>Guru Nanak Journal of Multidisciplinary Research</u>, Vol.1(2), Pg. 144-146. <u>Ms Nora Vigasini</u>
- 10 'Effect of lycopene in Tomato soup & Tomato juice on the lipid profile of hyperlipidemic subjects', (2012), <u>Panacea Journal of Health Science</u>, Vol. 1, Pg. 5.
 - <u>Dr Veena Easvaradoss</u>
- 11 'The Business Process Outsourcing Shiftwork Rating Scale Development as a tool', (2012), <u>Academic Research National Journal of Jvoti Research Academy</u>, Vol. 6 (1), Pg. 23-30.
- 12 'The effect of happiness-related Psychological intervention on happiness, forgiveness and gratitude among adolescents', (2012), Indian <u>Journal of Positive Psychology by Indian Association of Health, Research and Welfare</u> (IAHRW), Vol. 3 (4). Pg. 402 - 405. Dr Priva R Iver
- 13 **'Probiotic product- Nisin and Bifidin against pathogenic strains',** (2012), *Advance journal of Pharmaceutical sciences*, Vol. 1(1), Pg. 8-12.
- 14 **'Isolation and Application of Xylanase Producing Organism'**, (2012), *Advanced Biotech*, Vol.12 (4), Pg. 24-26
- 15 'Microbial Cell Fuel from Cooum River Water', (2012), *Advanced Biotech*, Vol. 12 (3), Pg. 35-37.
 - **Dr V Judia Harriet Sumathy**
- 'A Comparative Study on the Efficiency of Microorganisms in Biosorption of Aluminium and Detoxification of Mercury', (2012), *Advanced Biotech*, Vol. II (7), Pg. 22-25.
- 17 **'Prevention of Enzymatic Browning in Juices using Natural Inhibitors'**, (2012), *Advanced Biotech*, Vol. II (9), Pg. 14 16.
- 18 'Bioluminescence in E. coli by Transformation and Anti Bacterial Activity in Squid Fish Ink', (2012), <u>Advanced Biotech</u>, Vol. XII (1), Pg. 12 13.
- 19 **'Effect of Pectin from Papaya Peel',** (2012), <u>Advanced Biotech</u>, Vol. XII (3), Pg. 32 34.
 - Ms B S Catherine
- ²⁰ 'A Role of Technology in Micro Finance for Innovation in the Changing Arena', (2012), *Guru Nanak Journal of Multidisciplinary Research*, Online ISSN 227-1049.

Number of research papers accepted for publication in international peer reviewed journals

Ms Shilpa

'Ru (II) ethylenediamine complexes with dipyridophenazine ligands: synthesis, characterization DNA interactions and antiproliferative activities', (2013), *The Journal of Coordination Chemistry, (accepted for Publication).*

Number of research papers accepted for publication in national peer reviewed journals

Dr G Cynthia Jemima Swarnavalli

'Studies on solid lipid nanoparticles (SLN) of stearic acid-Effect of particle size and degree of dispersion on ultrasonic velocity', <u>Journal of Pure and Applied Ultrasonics</u>. (accepted for publication)

Average of impact factor of publications reported

82.48

26

Number of books published Dr Veena Easvaradoss – 'TEENS manage your anger', Kristu Jyothi Publications, accepted for publication in April 2013.	1
Number of edited books published	0
Number of books (single authored) published	0
Number of books (coauthored) published	0
Numbers of conferences attended by faculty 49(27+13+9)-aided, 16-sf	65
Number of international conferences attended 13 –aided, 7-sf Dr Beulah Immanuel & Ms Enitha Dorathy	20

Mathematics- A Global Scenario, D.G. Vaishnav College, Chennai, on 13th & 14th December 2012.

Dr Annie Kuriachen

2. United Board Fellows Seminar, Sponsored by United Board for Christian Higher Education in Asia, Silliman University, Philippines, and at CSB, Manila, Philippines, July 21 - July 28, 2012.

Dr Anna Siromoney

3. Physware 2012 – A collaborative workshop on low cost equipment and appropriate technologies that promote undergraduate level Hands - on physics education throughout the developing world, International Centre for Theoretical Physics, (ICTP, Trieste, Italy), 27 November - 7 December 2012, Miranda House College, Delhi

Dr. J. Margaret Marie & Dr Mary Pearl Ravikumar

4. Asia Regional Workshop on "Service Learning: Engaged in Environmental Action" Organized by Madras Christian College Chennai, in collaboration with UBCHEA, Hong Kong, Madras Christian College, 1-3rd August 2012.

Dr Pauline R

5. Educators Response towards Care of Mother Earth' organized by the Asian Christian Faculty Fellowship Conference of Philippines Chapter at Silliman University, Philippines (25th to 27th October 2012)

Dr Vanitha Williams

6. Fellows Program sponsored by the United Board, Leadership Training Program (I Placement) Department of Life Science, Tunghai University, Taiwan, 10th September to 22nd Dec 2012.

Dr Mary Pramela, Dr Maria Margaret Joseph, Ms Jasmine Jenifer Dr Sheba Sangeetha Jeyaraj Ms J.Shajini Judith Diana, Ms Preetha R, Ms Veena Rajkumar Ms. Sona Ms. Nora Vigasini

7. Indo US Interdisciplinary Conference on Nutrition Practice Guidelines for Type 2 Diabetes Mellitus: Sharing evidence and best practices to improve health outcomes, AODA - American Overseas Diabetic Association & Frontier Life Line Hospital, Hotel Raintree, Chennai, 17 & 18 Nov 2012

Ms Jasmine Jenifer & Ms J Shajini Judith Diana

8. Nutritional Medicine, Health and Wellness "NUWELL 2012", Department of Zoology, St. Teresa's College, Ernakulam, Kerala & UGC, St. Teresa's College, Ernakulam, Kerala, 7 & 8 June 2012

Dr Suneeta Saghayam

9. 12th Annual TREAT Asia Network Meeting & Investigator's Workshop, TEAT Asia, Kota Kinabaly, Malaysia, 11-13 Oct 2012

Ms T Regi Thomas

Ms Shoba Leslie

- 11. Advanced leadership, Haggai Institute, Maui, U.S.A, 08/05/2012 01/06/2012,
- 12. Pattern Recognition Applications and Techniques, Department of Computer Science, Meenakshi College for Women, Chennai, 1/3/2013 & 2/3/2013

Ms M Kanchana

13. Psychology of Achievement, Brian Tracy University, August 11^{th} , 2012 at Hotel Hyatt

Number of national conferences attended

27-aided, 9-sf

Dr Ranjini Christopher

- 1. Prophetic Eco Theology, 14, 15 Feb 2013.
- 2. Folklore and Literature, Department of English, Women's Christian College19 Feb 2013

Ms Anuradha

3. Attended a National Seminar on "Constructing the Past- The Contribution of Leading Historians" organized by the Centre for Contemporary Studies on 18th August ,2012.

Ms Shibi Arunkumar, Mrs. G.Enitha Dorothy

4. 'Frontiers of Mathematics' held on 15,16 October 2012 organized by the Department of Mathematics, Ethiraj College for Women, Chennai

Dr Cynthia Jemima Swarnavalli

5. Ultrasonics, National Physical Laboratory & CSIR, 30th & 31st Oct 2012, New Delhi

Ms Libni, Dr. (Ms). Banani Mukhopadhyay

6. Microscale experiments in physical chemistry, Centre for research in science & technology, Stella Maris college, Chennai. 23^{rd} & 24^{th} Nov 2012

Dr D R Shobha Jeykumari

- 7. Recent trends in Biomaterials for tissue engineering and Indian council of Medical research, C.Velammal Institute of technology, Panchetti. 27th and 28th July, 2012,
- 8. New frontiers in Organic Chemistry and Process Research, 24th and 25th Jan 2013 Stella Maris college, Chennai.

Dr.M.Esther Leena Preethi

9. Applications of Nano material, Science City and Meenakshi College for Women, 31st Jan 2013,

Dr Sherrie Jesulyn David

10. Eighth All India Conference of KAAS (Kanniyakumari Academy of Arts and Sciences) jointly organized by KAAS and Sree Ayyappa College for Women, held at Sree Ayyappa College for Women, Chunkankadai (5th & 6th October 2012)

Dr Sherrie Jesulyn David, Ms Cordilea Hannah, Dr Shyla Jabashree Ms Amala Russel, Dr D R Shobha Jeykumari

11. Biodiversity- Green strategies for sustainable Development, 22nd and 23rd Jan2013, Women's Christian College, Chennai,

Dr Sheila John, Ms. Jasmine Jenifer J.Shajini Judith Diana,

12. Building A Healthy Society From Emerging Nutritional Science To Innovative Food Products, Dept Of Food Chemistry And Food Processing, Loyola College, 06.09.12.

Dr Beulah Immanuel, Dr Sheila John

13. Academic Leadership for Heads of Departments, Centre for Education Beyond Curriculum (CEDBEC), Christ University, Bangalore, Christ University, Bangalore, 28.09.12

Dr Sheila John, Ms Jasmine Jenifer & Ms J Shajini Judith Diana

14. Indian Diets And Health In Retrospect And Prospect, Indian Dietetic Association, Golden Jubilee Celebrations , IDA & NIN, Hyd, 29.11.12 To 01.12.13

Dr. R. Nancy Angeline Rani, Ms. Mary Pramela, Dr. Annette Beatrice

15. Tackling Nutritional Challenges among the Diabetic Young, Panacea Health Education in collaboration with Anna Adarsh College for Women , Anna Adarsh College for Women, Chennai – 40, 11th September 2012

Dr. R. Nancy Angeline Rani , Dr Mary Pramela, Dr Gowri Ramesh, Dr Annette Beatrice Dr. Sheba Sangeetha Jeyaraj

16. 40th National Conference Of The Research Society For Study Of Diabetes In India (RSSDI), RSSDI, Chennai Trade Center, 26TH-28TH OCT 2012

Dr Mary Pramela, Ms Sona S

17. Workshop on 'Enteral and Parenteral Nutrition' for Postgraduate students, Department of Dietetics, CMC Vellore, 05-02-13

Dr. Gowri Ramesh & Dr D Sumathi Ms Anuradha

18. Role of College Teachers in Enhancing Quality in Higher Education, University of Madras, University of Madras, 25 August 2012

Ms Jasmine Jenifer

19. workshop on addressing household level food and nutrition security for tribal areas, Vigyan Prasar (DST) in Collaboration with MS Swaminathan Research Foundation (MSSRF), MSSRF, Chennai, 24 & 25 May 2012

Dr Sheba Sangeetha Jeyaraj

20. Biodiversity – Green Strategies for Sustainable Development, Department of Advanced Zoology & Biotechnology, Women's Christian College, Chennai, January 22nd and 23rd 2013.

Ms. Veena Rajkumar

21. 53^{rd} Annual Conference of Indian Society of Gastroenterology , ISG, Jaipur, 28 Nov – 2 Dec 2012

Ms Nora Vigasini

22. Workshop for young lecturers of Christian Colleges in India: Towards developing foundational leadership, All India Association for Christian Higher Education (AIACHE), Arul Anandar College, Karumathur, Madurai, 1 & 2 June 2012

Dr. Sudhavathani Simon

23. Golden Jubilee Conference of the Institute of Mathematical Sciences, Institute of Mathematical Sciences, Taramani, Chennai 113, 3rd & 4th January, 2013, IIMS

Ms T Regi Thomas, Ms V Narmadha

24. Cyber Law and Cyber Security, DG Vaishnav College, 28th & 29th September, 2012

Ms V Narmadha

25. E-Governance and Accountability, Indian Institute of Technology, 28th March, 2013

Ms Zarina A

26. Well Being across the Life Span Psychology Department, Ethiraj College, 30th August, 2012

Dr S Usharani

27. Better Graduates for Better Tomorrow, Pearsons Publications, 1st September, 2012, Hotel Residency

Number of papers presented in conferences

87 (27+59+1)-aided, 37-SF

27-aided, 20-SF

Dr Ranjini Christopher

- 'Political Status Quo of the Christian in a secular Nation The Indian Context', United Board Conference on Religions and Asian Public Life, at Chung Chi College, Chinese University, Hong Kong, 6th & 7th July 2012.
- 'Le Français et la Francophonie dans le contexte du monde qui développe', Translation & Multilinguism in the context of Internationalisation, SRM University, Kattankulathur, 17th – 19th January 2013.

Dr M Florence

- 3. 'Kurinji Paattin Nayam', 9th International Conference on Patthup Paattu, Kongunadu Arts and Science College, Coimbatore, 23rd December 2012.
- 4. 'Purananootril Arasial', Sanga Illakiyamum Samoogakkarutthiyalum, St. Xavier's College, Palayam koottai, 11th February 2013.

Dr J Jeyasanthi

- 5. 'Thiruthonder Kaappiathil Ensuvaigal', 10th International Tamil Research Conference on Kaappiya Tamil, K.S.R Arts & Science College, Thiruchencode, 21st July 2012.
- 6. 'Sirupaanaatru padaiyil Naattu Valam', Patthup paattu Aaivukkovai Sirupaanatrup padai, Kongunadu Arts and Science College, Coimbatore, 23rd December 2012.

Dr S Stella Parvatham

7. 'Kambaramayanathil Manitha Uravugal', International, 10th International Tamil Research Conference on Kaappiya Tamil, K.S.R Arts & Science College, Thiruchencode, 21st July 2012.

Dr A Phebe Stella

8. 'Tamil Mozhipeyarpaalargalin pangum panigalum', Mozhipeyarppu Illakiyamgal Kaattum Tesia Orumaipaadu, Ayya Nadar Janaki Ammal College, Sivakasi, 30th November 2012.

Dr Jayanthi Richard

9. 'Religion in the Context of Gujarat and Odisha', United Board Conference on Religions and Asian Public Life, at Chung Chi College, Chinese University, Hong Kong 6th & 7th July 2012.

Ms Anuradha & Ms Neelima G

 'The Economic Impact of the Hotel and Restaurant Boom in India', Social Sciences 2013, Department of History, Ethiraj College for Women, 24th - 26th January, 2013.

Dr Annie Kuriachan

- 11. 'Leadership Qualities: Into the Looking Glass', United Board Fellows Seminar, United Board for Christian Higher Education in Asia, Silliman University, Philippines, 26th July, 2012.
- 12. 'Leadership Experiences: A Reflection of the UB Leadership Training at Silliman University, Philippines, and at Valparaiso University, U.S.A.', Mandarin International, Manila, Philippines, United Board for Christian Higher Education in Asia, Philippines, 27th July, 2012.

Dr Beulah Immanuel

13. 'Tree Token Petri Net', Mathematics- A Global Scenario, D.G. Vaishnav College, Chennai, 13th & 14th December 2012.

Ms Kalavathy Santhi

14. 'Magnetic study of immisible Fe – Ag alloy nanomaterial', Research :Perspectives and Procedures, SDNB Vaishnav College for Women , $23^{rd}~\&~24^{th}$ August 2012

Ms Christina Nancy A

15. 'Thermal power measurements of fast ionic solid electrolyte: Nal-Ag₂O –SeO₂', Research: Perspectives and Procedures, SDNB Vaishnav College for Women, 23rd & 24th August 2012.

Dr T S Renuga Devi

16. 'Structural, Thermo-dynamical and vibrational analysis of Gemfibrozil using Molecular Mechanics', Advanced Raman Spectroscopy, Kerala State Council Science, Technology and Environment (KSCSTE) in association with Eduworld Foundation, 10th August 2012 (Poster Presentation).

Dr Pauline R

17. 'Fostering Environmental Stewardship with special reference to Tree Diversity in the city of Chennai, India', the Asian Christian Faculty Fellowship Conference of Philippines Chapter at Silliman University, Philippines, 25th to 27th October 2012.

Dr Mary Pearl Ravikumar

18. 'Best Environmental Practices in WCC', Training on Green Accreditation, UBCHEA, Miriam College, 20th – 22nd June, 2012.

Dr Nancy Angeline Rani

- 19. 'Formulation, Standardization and Quality Assessment of Vegetable Wine', 3rd INCOFTECH- An International Conference on Food Technology, IICPT, Thanjavur, 4th & 5th January 2013.
- 20. 'Role of Food processing industries in contributing to physical and economic access to foods', 3rd INCOFTECH- An International Conference on Food Technology, IICPT, Thanjavur, 4th & 5th January 2013.

Dr Annette Beatrice

- 21. 'Millets- A boon for today's generation', 3rd INCOFTECH- An International Conference on Food Technology, IICPT, Thanjavur, 4th & 5th January 2013.
- 22. 'Replacing high fibre cereals for refined cereals in bakery industry', 3rd INCOFTECH- An International Conference on Food Technology, IICPT, Thanjavur, 4th & 5th January 2013.

Ms Jasmine Jenifer

- 23. 'An Exploratory Study on the Indigenous Knowledge on foods and Medicinal Plants in Nepal', Nutritional Medicine, Health and Wellness, NUWELL 2012 at St. Teresa's College Ernakulam, Kerala, 7th & 8th June 2012.
- 24. 'Eat a Rainbow of Colors functional foods to promote health and prevent disease', Nutritional Medicine, Health and Wellness, NUWELL 2012 at St. Teresa's College Ernakulam, Kerala, 7th & 8th June 2012.

Ms Shajini Judith Diana

25. 'Efficacy of Bottle Gourd as a Hypoglycemic and Hypocholesterolemic Agent', Nutritional Medicine, Health and Wellness, NUWELL 2012, St. Teresa's College Ernakulam, Kerala, 7th & 8th June 2012.

Dr Suneeta Saghayam

26. 'Weight and Height as Predictors of Clinical progression and Immunological failure following Initiation of Haart in a cohort of HIV-infected Children in Asia', 20th Conference on Retroviruses and Opportunistic Infections, Atlanta, USA, 3rd – 6th March, 2013.

Ms M Kanchana

27. 'Art Therapy in the Management of Psychological Concomitants of Learning Disability in Adolescents' 30th International Congress of Psychology – Psychology Serving Humanity, BRICS counseling, Cape Town, South Africa, 23rd-27th July, 2012.

Number of papers presented in national conferences

59-aided, 17-SF

Dr Ridling Margaret Waller & Dr Ranjini Christopher

 'Building Character of Youth in Nation Building – Precepts, Perspectives and Prospects', Inspiring Institutions of Higher Education in Nation Building – Opportunities and Challenges, Christ University, Bangalore, All India Association for Christian Higher Education (AIACHE), 1st – 3rd May, 2013.

Dr M Florence

 'Poonkodiyin Tamil Thondu', Pannokku Paarvayil Tamil Semmozhi V Conference on Tamil Kaappiyangal, S.T. Hindu College, Nagercoil, 18th January 2013.

Dr J Jeyasanthi

- 'Thiruthonder Kappiya Kathaiyum Soozhalum', 43rd National Seminar, Madurai Kamaraj University, Madurai, 19th May 2012.
- 4. 'Bharathiar Paadalgalil Viduthalai Unarvu', Bharathi Panmugap Paarvai, Bharathi Tamil Sangam, Vaniambadi, 23rd May 2012.
- 5. 'Naladiyaril Vizhumiam Muyarchi', Ara Ilakkiyathil Vazhvial Vizhumiangal, Kanji Sri Krishna Arts and Science College Tamil Department, 16th February 2013.
- 6. 'En Kathai Noolin Ulladakkam', Than Varalatru Noolgal Panmugap Paarvai (Karutharanga Katturai Thoguppu), Bakthavatsalam Memorial College for Women, Chennai, 23rd February 2013.
- 7. 'Purananootril Vaaniyal Karuthakkam', Sanga Ilakkiamum Samooga Karuthiyalum, St Xavier College, Palayankottai, 11th February 2013.

Dr S Stella Parvatham

- 8. 'Allur Nan Mullaiyar Padalgal', Kavithai Marabil Penezhuthiathum Pennai Ezhuthiathum, Holy Cross College, Nagercoil, 17th September 2012.
- 'Purananootril Nambikkaigal', Sanga Illakiyamum Samoogakkarutthiyalum, St. Xavier's College, Palayamkottai, 11th February 2013.

Dr A Phebe Stella

- 10. 'Thayumanaval Kavithai Noolin Amaipiyal', Naveena Tamil Kavithaigal Nokkum Pokkum, Auxiliam College, Vellore, 5th January 2013
- 11. 'Meetpathikaram ennum Perinba Kaappiathil Kaappiya Paangu', Pannokku Paarvayil Tamil Semmozhi V Conference on Tamil Kaappiyangal, S.T. Hindu College, Nagercoil 18th January 2013.
- 12. 'Neermaangani Nadaga Neri Alukai Utthi Muraimaigal', Avai T. K. Shanmugam Nootrandu Vizha Desia Karutharangam, Sacred Heart College, Tirupattur, 5th February 2013.
- 13. 'Naan Thuninthaval Pennia Nokku',Than Varalatru Noolgal Panmugap Paarvai, Bakthavatsalam Memorial College for Women, Chennai, 23rd February 2013.

Dr K Priva Naidu

- 14. 'Mahila Swatantra ke sawal Marm bedhne ki aavashykta. Naukaripesha naari ke sandarbh mein', Mahila Swatantra ke sawal – Marm bedhne ki aavashykta., Anna adarsh college for women's, 1st September 2012.
- 'Mehroon Nisa Parvez Ki Khariyaon Mein Chitril Daampatya Jeevan Moolya – Sankraman Ke Sandarbh Mein Aadhunik Gadya Sahitya Mein Sankaraman Ki Stithi, S.S.S Jain College, Chennai, 22nd September 2012.

Ms S Suja

16. 'Biodiversity for economic Security', Biodiversity- Green Strategies for Sustainable Development, Department of Advanced Zoology & Biotechnology, Women's Christian College held from 22nd -23rd January, 2013.

Ms Nalini Singaravel & Ms Helen Thimmayya

17. 'Integrating Local Knowledge In The Literature Curriculum: A Model', Unfolding Indigenous Knowledge Systems: Arts, Humanities and Social Sciences, The Asian Centre for Cross Cultural Studies, Chennai, 23rd August, 2012.

Dr Lilian I Jasper

- 18. 'Role of Youth in preserving the Cutural Heritage of India', The Indian Youth and their Sustainability Challenges A Life Skills Perspective, Dept. of Social Work(SFS) Madras Christian College & School of Life Skills and Social Harmony, Chennai, 10th & 11th January, 2013.
- 'Inclusion of Tribal Communities in Biodeversity Interactions', Biodiversity - Green Strategies for Sustainable Development, Dept. of Advanced Zoology & Biotechnology, WCC, Chennai, 22nd & 23rd January, 2013.

Ms Anna Mathew

20. 'Facing Cancer Bravely - Keeping the Terminally Ill Patient Well Informed', Bioethical Governance of Common Good Resources, the Asian Centre for Cross-Cultural Studies (ACCS), 19th & 20th October 2012.

Dr Beulah Immanuel & Dr Sheila John

21. 'Team Leadership focusing on a commitment to Excellence', Academic Leadership for Heads of Departments, Christ College, Bangalore, 26th – 28th, September 2012.

Dr Anna Siromoney & Dr Veena Easvaradoss

22. 'Facilitating a transformational Department Culture, Academic Leadership for Heads of Departments', Christ University, Bangalore, 26^{th} – 28^{th} , September 2012.

Dr T S Renuga Devi

- 23. 'Role of Spectrophysics in Analysing HIV/AIDS and Tuberculosis', Perspectives in Lasers and Spectroscopy (NCPLAS 2013), Department of Physics, Faculty of Humanities and Science, Dr.MGR Educational and Research Institute, 15th February 2013.
- 24. 'A Study on Leather Industry and Tannery Effluents', Recent advances in Physics (NCRAP 2012), Department of Physics, Sri Vidya Mandir Arts and Science College, Uthangarai, 20th & 21st, July 2012.
- 25. 'Spectro-scopic analysis on some Pharma-ceutical and Biological materials', Recent advances in Physics (NCRAP 2012), Department of Physics, Sri Vidya Mandir Arts and Science College, Uthangarai, 20th & 21st, July 2012.
- 26. 'FTIR spectral study on diabetic blood samples Mono-therapy and Combination therapy', Recent advances in Physics (NCRAP 2012), Department of Physics, Sri Vidya Mandir Arts and Science College, Uthangarai, 20th & 21st July 2012.
- 27. 'FTIR Spectro-scopic assignment of hydroxyl bond in benign and malignant human breast tissues', Recent advances in Physics (NCRAP 2012), Department of Physics, Sri Vidya Mandir Arts and Science College, Uthangarai, 20th & 21st July 2012.
- 28. 'Efficacy and safety of simvastatin on renal failure patients', Perspectives in Lasers and Spectroscopy (NCPLAS 2013), Department of Physics, Faculty of Humanities and Science, Dr.MGR Educational and Research Institute, 15th February 2013.
- 29. 'Biomedical Applications of FTIR and UV-Visible Spectro-scopy for the diagnosis of lipid disorders women blood samples', Recent Advancements in Spectroscopy, Department of Physics, Auxilium College, Vellore, 14th September 2012.
- 30. 'Therapeutic efficacy of Simvastatin in Hyper-lipidemic and Chronic renal failure Patients', Recent advances in Physics (NCRAP 2012), PG

Department of Physics, Sri Vidya Mandir Arts and Science College, Uthangarai, 20th & 21st July 2012.

Dr G Cynthia Jemima Swarnawalli

31. 'Studies on solid lipid nanoparticles (SLN) of stearic acid-Effect of particle size and degree of dispersion on ultrasonic velocity', Ultrasonics, National Physical Laboratory (NPL) and CSIR, New Delhi, 30th & 31st October 2012.

Dr J Margaret Marie

32. 'Service Learning – WCC Perspective', Asia Regional Workshop on Service Learning; Engagement in Environment Action, Madras Christian College, 1st -3rd August 2012.

Dr Sherrie Jesulyn David

33. 'Dyeing potential of a few plant based dyes on cotton Yarn', Eighth All India Conference of KAAS (Kanniyakumari Academy of Arts and Sciences), Sree Ayyappa College for Women, Chunkankadai, 5th & 6th October 2012.

Ms Benitha Golda D

34. 'Integrated Microfarming Technologies Cooperatives: A green approach towards economic security and sustainable development', Biodiversity-Green Strategies For Sustainable Development, Department Of Advanced Zoology and Biotechnology, 22nd & 23rd of January 2013.

Dr Sheila John & Ms Jasmine Jenifer

35. "Perspectives of Health Professionals on Functional Foods", Golden Jubilee Celebrations Of Ida Nin, Hyderabad, 29th November - 1st December 2012.

Dr Sheila John

36. 'Does Sugar Sweetened Beverage Consumption Alter Food Intake Among South Indian Adolescents', Golden Jubilee Conference Of IDA (45th Annual National Conference) Nin, Hyderabad, 29th November - 1st December 2012. (Poster Presentation).

Dr Sheila John & Ms Shajini Judith Diana

37. 'Significance of Fruit & Vegetable Consumption among School Children: A Garden-Based Nutrition Education', Golden Jubilee Celebrations of IDA, Special issue – Indian Diets and Health: In Retrospect and Prospect, Hyderabad, 29th November - 1st December 2012.

Dr Nancy Angeline Rani R

38. 'Management of Healthy Lifestyle among Industrial Workers', Global Environment & Sustainable Development & Management, JHA Agarsen College, Chennai, 30th October 2012.

Dr Nancy Angeline Rani R & Dr Annette Beatrice

- 39. 'Antioxidants & Diabetes Mellitus', Tackling Nutritional Challenges among the Diabetic Young, Chennai, 11th September 2012.
- 40. 'Detecting Diabetes mellitus among adolescent girls and the association with dietary habits and anthropometric status', Tackling Nutritional Challenges among the Diabetic young, Chennai, 11th September 2012.
- 41. 'Type 1 Diabetes and Dietary Management', Tackling Nutritional Challenges among the Diabetic young, Chennai, 11th September 2012.

Dr Maria Margaret Joseph

42. 'Study on the shelf life, nutrient content and sensory acceptability of lotus seed flour', Golden Jubilee Celebrations of IDA, Special issue – Indian Diets and Health: In Retrospect and Prospect, Hyderabad, 29th November - 1st December 2012.

Dr Annette Beatrice

- 43. 'Green Human Resource Management A Panacea to a Healthy Nation', 'Global Environment & Sustainable Development & Management', JHA Agarsen College, Chennai, 30th October 2012.
- 44. 'Management interventions to improve Environmental Health of Industrial Workers', Global Environment & Sustainable Development & Management, JHA Agarsen College, Chennai, 30th October 2012.
- 45. 'Management of healthy lifestyle among industrial workers', Global Environment & Sustainable Development & Management, JHA Agarsen College, Chennai, 30th October 2012.

Ms Jasmine Jenifer

- 46. 'Perspectives of Health Professional on Functional Foods', An Integrated Approach to Healing with Foods, WCC, 31st August 2012.
- 47. "Repositioning nutrition as central to development a strategy for large scale action in tribal areas WCC perspective" –workshop on addressing household level food and nutrition security for tribal areas at MSSRF, Chennai, 24th & 25th May 2012.
- 48. 'An Exploratory Study on the traditional foods, nutritional beliefs and dietary practices of the people of Nepal', Golden Jubilee Celebrations of IDA, Special issue Indian Diets and Health: In Retrospect and Prospect, Hyderabad, 29th November 1st December 2012.
- 49. 'A study on the shift from homemade foods to convenience foods among working and nonworking women in Chennai, Golden Jubilee Celebrations of IDA, Special issue Indian Diets and Health: In Retrospect and Prospect, Hyderabad, 29th November 1st December 2012.

Dr Sheba Sangeetha Jeyaraj

- 50. 'Effect Of Fish Oil And Flaxseed Oil Supplementation On The Body Mass Index And Serum Lipid Profile In Women With Hypercholesterolemia', Biodiversity Green Strategies For Sustainable Development Organized By The Dept. Of AZBT, WCC, 23rd January 2013.
- 51. 'Effect Of Hibiscus Juice Supplementation On The Body Mass Index And Blood Hemoglobin Levels Of Anemic College Girls', Golden Jubilee Celebrations of IDA, Special issue Indian Diets and Health: In Retrospect and Prospect, Hyderabad, 29th November 1st December 2012. (Poster Presentation)
- 52. 'Effect of Fish oil and Flaxseed oil supplementation on the Body Mass Index and Serum Lipid Profile in women with Hypercholesterolemia', Biodiversity Green Strategies for Sustainable Development, Women's Christian College, Chennai 22nd & 23rd January 2013.

Ms Shajini Judith Diana J

- 53. 'Effect of Guava on The Serum Lipid Profile And Whole Blood Ascorbic Acid Levels Of Chronic Smokers', Technology Development of Traditional Foods, Karunya University, Coimbatore, 3rd & 4th September 2012.
- 54. 'Effect of Bottle Gourd Juice Supplementation on the Anthropometric Measurements, Plasma Glucose Levels, Serum Lipid Profile and Blood Pressure Levels of Diabetic Women with Hypercholesterolemia', Golden Jubilee Celebrations of IDA, Special issue Indian Diets and Health: In Retrospect and Prospect, Hyderabad, 29th November 1st December 2012.

Dr Suneeta Saghayam

55. 'Effect of Irumpanpulli (AverrhoaBilimbi) concentrate on the lipid profile of hypercholesterolemic men', Golden Jubilee Celebrations of IDA, Special issue – Indian Diets and Health: In Retrospect and Prospect, Hyderabad, 29th November - 1st December 2012.

Dr Veena Easvaradoss & Dr Miriam Archana Simon

- 56. 'Impact of curricular and extracurricular activities on aggression and self esteem', Positive Behaviour: Perspectives and Applications (NCPBPA 2012), Pondicherry University, Puducherry, 21st 22nd September, 2012.
- 57. 'Psychological Well-being: Building Bridges for tomorrow', Indian Psychological Science Congress, National Association of Psychological Science, Chandigarh, 5th & 6th October, 2012.

Dr Veena Easvaradoss

58. 'Impact of family and peer relationships, self rating and happiness on adolescent's coping with problem experiences' Positive Behaviour: Perspectives and Applications (NCPBPA – 2012) Pondicherry University, Puducherry, 21st & 22nd September, 2012.

Dr Nitiksha J Tarkas & Ms Nazneen P Mogrelia

59. 'Dynamics of Resilience, Personal control and Social Support among working and nonworking women (co-author)' Well Being across the Life Span Psychology Department, Ethiraj College, 30th August, 2012.

Number of conferences organized by the institution

- 1. A National Conference on "An Integrated Approach to Healing with Foods" was organized on 31st August 2012.
- A National Conference on "Biodiversity Green Strategies for Sustainable Development" sponsored by the National Biodiversity Authority (NBA), MoES, UGC & Radiant Cash Management Systems was organized on 22nd & 23rd January 2013
- 3. A two day National Seminar on 'Enhancing Psychological Well-Being of Children –Role of the Teacher' was organized on 28th & 29th January 2013.
- 4. A National Conference on 'Folklore & Literature' was organized by the Department of English to mark their Golden Jubilee on 19th February 2013.
- 5. A two-day National Conference on 'Contemporary Trends in Tourism & Hospitality' sponsored by ICSSR & UGC was organized on $12^{\rm th}$ & $13^{\rm th}$ March 2013.
- 6. The National level Model United Nations Conference was organized on 20^{th} and 21^{st} July 2012.

1.Indian Council of Social Sciences Research, New Delhi

3.Mehta Institute of Career Training (MICT), Chennai

2. University Grants Commission, New Delhi

Number of faculty acted as experts resource persons	38
Lang-5, Hst- 1,Eng-7, Mat 2, Phy-5, PBB-2, ZBT-2, HSc-1, Psy-4, CSC – 2, Com-2, BCA-1, PGMAt-2, Eng-1, Lang II-1	
Number of faculty acted as experts resource persons – international	7
Lang – 4, Psy-1, Com-1, PG Mat-1	
Number of faculty acted as experts resource persons- national	17
Lang – 5, Eng-7, Phy-1, HSc-1, Psy-2, Com-1	
Number of collaborations with international institutions	3
Eastern University, University of Latvia, Concordia College	'
Number of collaborations with national institutions	8
Home Science - 6	1

- 4. Nestle Nutrition Institute,
- 5. Southern Health Foods
- 6. Nestle India Pvt. Ltd.

Psychology - 2 SCARF, SNEHA

Number of linkages created during the year

Total budget for research for current year as a percentage of total institution budget

21.3629/2046.06*100

Amount of external research funding received in the year

Chemistry Club	24520.00
Contemporary Trends In Tourism & Hospitality	425700.00
Cultural Programme-Physics	15000.00
Nat.Sem.on Psychological Well Being of Children	628075.00
Nature Camp	50000.00
NC-Biodiversity-Green Strategies	325050.00
NC on Folklore-Eng Dept	129550.00
Project-Dialect Dictionery of Vilavancode	100000.00
Work Shop Seminar-B.A Corp	198400.00
Public Releation Campaign-MA Communication	15000.00
Work Shop Seminar-Management Studies	64500.00
National Conference-Msc Physics	10000.00
Work Shop Seminar-Bsc Viscom	65000.00
UBCHEA Project	9755.00
English Dept.Conference	5000.00
Work Shop Seminar-B.Com	70740.00
	2136290.00

Number of patents received in the year

Number of patents applied for in the year

Number of research awards/ recognitions received by faculty and research fellows of the institute in the year

Dr Beulah Immanuel recognized as supervisor to guide Ph.D.Students Dr Gowri Ramesh & Dr Sheba Jeyaraj were granted M.Phil Guideship Dr Jeba Jesintha – recognized as a supervisor to guide Ph.D students in Mathematics

Number of PhDs awarded during the year

- 1. Ms Priya Naidu
- 2. Ms | Jeyasanthi
- 3. Ms Kalavathy Santhi
- 4. Ms G Cynthia Jemima Swarnavalli
- 5. Ms Bright
- 6. Ms R Pauline
- 7. Ms J Margaret Marie
- 8. Ms H Shyla Jebashree

l	0			
Γ	1 04			

2136290

0			

0

4

Percentage of faculty members invited as external experts/resource persons/reviewers/referees or any other significant research activities

33			

Percentage	Total Teachers	Total External
60%	5	3
100%	9	9
40%	5	2
	6	6
50%	7	4
40%	6	2
	14	12
30%	10	3
40%	5	2
	16	1
	3	2
40%	6	3
1%	4	0.1
1%	4	0.1
25%	9	2
100%	5	5
AIDED	83	56.35
SF	88	
	171	56.35
		33%
	60% 100% 40% 50% 40% 30% 40% 1% 1% 25% 100%	Teachers 60% 5 100% 9 40% 5 6 50% 7 40% 6 14 30% 10 40% 5 16 3 40% 6 1% 4 1% 4 1% 4 25% 9 100% 5 AIDED 83 SF 88

6.

SECTION IV

This section deals with Student Mentoring and Support System existing in the institution. This includes student activities, mentoring, and opportunities for development and inclusive practices.

27. Student Details and Support Mechanisms	
The total intake of students for various courses (Sanctioned) 552-aided, 713-sf	1265
Actual enrollment during the year 527-aided, 670-sf	1197
Student dropout percentage during the year 9%-aided, 3%-SF	5
Success percentage in the final examination across the courses	88
	20

87%-aided, 89%-sf

Programmes	No. Appear ed	No. Pass ed	% of Pass es	I Class - Exem p.	I Class with distincti on	I Cla ss
B.A./B.Sc 2	2010 - 201	3				
HISTORY	33	21	64%		7	5
ENGLISH	45	39	87%		2	23
MATHEMATICS	53	50	94%	3	17	23
PHYSICS	36	26	72%		4	14
CHEMISTRY	36	26	72%		5	12
PLANT BIOLOGY & PLANT BIOTECHNOLOGY	27	24	89%		5	8
ADVANCED ZOOLOGY & BIOTECHNOLOGY	35	35	100 %	1	8	15
NUT, FSM & DIETETICS (VOCATIONAL STREAM)	22	19	86%		1	14
NUT, FSM & DIETETICS (GENERAL)	31	25	81%		4	15
COMPUTER SCIENCE	44	44	100 %		7	29
PSYCHOLOGY	45	42	93%		5	20
	407	351	86%			
M.Sc 20	11 - 2013	1	1			
APPLIED PSYCHOLOGY	15	12	80%			11
FOOD SERVICE MANAGEMENT & DIETETICS FOODS AND	9	9	100 %		2	7
NUTRITION	14	13	93%		4	8
	38	34	89%			

aided	445	385	87%	4	71	204
sf	575	512	89%	3	136	293
	1020	897	88%	7	207	497

Number of academic distinctions in the final examination and percentage

214

75 -aided, 139-SF

Number of students who got admitted to institutions of national importance

48

Hst-10, Mat-1, Phy-4, Che-1 PBB – 10, ZBT-17, Hsc-2, CSC – 2, PG Biotech 1

Number of students admitted to institutions abroad

13

Lang-1

PSy-1 Karishma Rajaratnam	
• BCA-2	
• Corp-4	
• Viscom-2	
PG Phy-1	
 PG Biotech-1 Melinda Thomas 	
Number of students qualified in UGC NET/ SLET Hsc-8, Psy-1, ZBT-2, CSC – 1, PG Biotech-1	13
Number of students qualified GATE/ CAT/ other exampsy-3, BCA – 1(GRE), 1(GMAT), 2(CAT), PG Biotech-1	
28. Does student support mechanism exist for coa	ching for competitive examinations?
	Yes
	165
29. Student participation, if response is yes to Qn.	28
	82
UGC Net Coaching - 80	
Mat - Quantitative Aptitude Class – 52 BCA seminar on GRE & CAT exams – 50	
DCA Seminar on GRE & CAT exams - 30	
30. Does student counselling and guidance service	e exist?
Y	Yes
31. Student participation, if answer to Qn. 30 is ye	es
Number of students participated	57
32. Career Guidance	
Number of career guidance programs organized	23
Workshops & Presentations – 10	
Placement programs - 13	
Percentage of students participated in career guidant programs	ce 40
33. Is there provision for campus placement?	
Y	Yes
34. If yes to Qn. 33	
Number of students participated in campus selection programs	400
Number of students selected for placement during th	e 301
year	
•	

HSc-1 Nandeeta Anna George

Number of sports and games events conducted by the

institute for the students

Yes 36. If Answer is Yes to Qn 35 Number of programs organized 7 1. Course on Gender Studies - Hst 2. One day seminar on Domestic Violence-Hst 3. Feminist Perspective - Eng 4. Panel Discussion on Gender Violence 5. Core Course on Gender Psychology-MSc 6. Economics of Gender - Corp 7. Women & Media - MACom 37. Student activities Number of students participated in external cultural 96 events Number of prizes won by students in external cultural 71 events Number of cultural events conducted by the institute for 11 the students Number of students participated in international sports 1 and games events Number of students participated in national level sports 8 and games events Number of students participated in state level sports and 11 games events Number of students participated in university level sports and games events Number of prizes won by students in international sports and games events Number of prizes won by students in national level sports and games events Number of prizes won by students in state level sports 6 and games events Number of prizes won by students in university level 1 sports and games events

38. Composition of students	
Percentage of Scheduled Caste 10%-aided, 10%-sf	10
Percentage of Scheduled Tribe 1%-aided, 0.45%-sf	1
Percentage of other backward communities 54%-aided, 48%-sf	50
Percentage of women students	100
Percentage of physically challenged 0.76%-aided, 0.30%-sf	0.50
Percentage of rural students 1% -aided, 0%-sf	0
Percentage of urban students 99%-aided, 100%-sf	100
39. Scholarships and Financial Support	
Number of students availing financial support from the institution	118
Amount disbursed as financial support from the institution	1150236
Number of students awarded scholarship from the institution	118
Number of students received notable national/international achievements/recognition	0
40. Student initiatives	
Number of community upliftment programs initiated by students 1. CNCREA 2. Blood donation camp organized by NSS 3. BCA- Service Learning Project, 4. MA Com- PR Campaign	4
Number of literary programs initiated by students Literary & Debating Club – eng. CST-2 Service Learning Projects,	3
Number of social action initiatives based on science / environment initiated by students 1. Eco Literature – Eng	5

2.	Che - 1 put up a stall in the Science Festival-2013
	Conducted by the Government of Tamil Nadu and
	Science City during 30-01-2013 and 3-02-2013
3.	PBB – 1 Tree Census
4.	Viscom-1 (project on pollution in Marina & Besant
	Nagar)
5.	PG Biotech - A poster & model Exhibition on
	Environment

66

Number of student research initiatives

- Eng 25 students do Research: Theory & Practice
- Mat 2 students attended the Summer Research Program, Indian Academy of Sciences
- Phy 1 Samyuktha project in IIT, Madras
- Che-6 Student research projects
- PBB-2
- ZBT-4 (field zoology projects)
- Psy-4 students presented and published papers
- BCA 1 student presented a paper at Ethiraj
- PG Phy 3 students presented & published papers
- PG Mat-18 students of M.Sc. Mathematics

7.

SECTION V

This section surveys the Governance and Innovation at the institution related to quality management. The educational management strategies adopted and in practice for achieving the objectives are focused.

41.	wnetner per	spectiv	e pian io	r overa	ii deveid	opmei	itai act	ivities	is cre	ateu?	
	Yes										
0	No										
	7 0.3	6 0								10	

42. If the answer for Qn. 41 is Yes, is the plan implemented and monitored?

Yes No

43. Whether benchmarking is created for institutional quality management efforts?

Yes No

44. If the answer to Question 43 is Yes, please list the benchmarking in various areas of development in bullet format

- Curriculum, Teaching & Learning
 - o Student feedback on the Courses & Course Teachers

- o Parents feedback on curriculum & impact on their ward
- o Faculty Development Programs to equip & update teachers

• International Collaborations

- Opportunity for Undergraduate students to transfer credits earned during the Semesters I IV to Concordia College, USA and earn an American Degree.
- Erasmus Mundus MOVER's program of the University of Madras for students to pursue their final year in an European University.
- United Board Visiting Scholars Program for faculty to experience one semester each in an Asian
 & American University.

• Research & Consultancy

- o Organizing National Conferences / Seminars and Publication of Research articles in Proceedings & Journals.
- o Research Projects funded by UGC, TNCST, DST & UBCHEA.

• Infrastructure

- o ICT Infrastructure is augmented regularly in keeping with the latest trends.
- Campus ambience & ethos is preserved through periodic maintenance of buildings, furniture and landscaping

• Co-curricular & Extension activities

- o Nurturing and honing skills in debate, music, theatre & Leadership
- Sensitizing students to serve the community.
- o Participating in RDC & NIC Camps at New Delhi, by NCC Cadets.
- o Participation in International & National Sports Meet.

• Student Progression

- o Active Career Counselling & Placement opportunities.
- o Remedial Coaching for academically poor students.
- o Coaching for competitive examinations like UGC NET.

• Governance & Leadership

- Regular Association & Executive Board meetings to review and enhance development & progress of the Institution
- o Periodic revision of salary / emoluments for Management staff

• Environment friendly initiatives

- o Field visits to various habitats and wildlife sanctuaries
- Greening of the campus
- Cataloguing, Labeling and Preservation of Museum Specimens at the Government Museum,
 Chennai
- o Turtle Rehabilitation, Conservation and hatchling release through TREE Foundation (NGO)
- Care giving, assisting the Veterinarian and attending to the needs of abandoned animals at Blue Cross

45. Is a Managen	nent Intorr	nation Svs	tem (MISI	in n	ace?
------------------	-------------	------------	-----------	------	------

Yes

O No

46. If answer to question 45 is Yes, please provide details of MIS applied to

1. Administrative procedures including finance

- The administration and finance of the College are executed as per norms of TamilNadu Government as the institution is a Grant-in-Aid college
- The College website is constantly updated and provides all information relating to the functioning of the College.
- The College calendar publishes General information, rules & regulations including the Administrative procedures, Examination & Evaluation procedures every year.
- All records of staff service registers (soft copy and hard copy) are computerized & maintained in the Principal's office and Bursar's office
- Receiving and disbursing student scholarships
- Maintenance of insurance policy records for staff & students
- Improvement of infrastructure through funds and grants received from various sources.
- Preparation of Utilization certificates for the funds received for organizing conferences / seminars.

2. Student admission

- Admission work is initiated soon after the publication of the +2 results with the sale of applications.
- Registration, Scrutiny and selection of applicants based on Government norms
- Orientation Program for students and Parents

3. Student records

- Residential address and contact numbers
- Filing of essential original certificates
- Attendance particulars
- Fees payment
- Maintaining records of courses opted by each student
- Continuous Internal Assessment Mark Statement
- Advisor advisee cards

4. Evaluation and examination procedures

- Maintaining records of Grades and Credits
- Maintaining profile of external examiners
- Conducting End of Semester Examination and organizing valuation of papers following double valuation system
- Maintaining End Semester Examination marks
- Organizing Board of Examiners and Academic council meeting to declare the results
- Conducting Supplementary Examinations.

5. Research administration

• The Centre for Nutrition - Counseling, Research & Extension Activities

- 1. Awareness programs on Non Communicable Diseases (NCD) are organized through counseling, seminars and lectures.
- 2. All research activities are documented.
- 3. Consultation services are offered to educational institutes, companies, corporate groups and hospitals.
- IQAC promotes research activities and encourages participation of staff & students in National / International seminars, conferences and workshops.

6. Others

HUMAN RELATIONS

Quantitative Aptitude

Grand Total

Maths Dept Assn

- Surveillance Cameras are installed on several locations on campus
- Wi fi facilities have been made available for resident students on campus
- Public address system has been enhanced for efficient communication

(enter the respective details corresponding to the serial numbers)



47 Existence of learning resource management

47. Existence of learning res	3	
	Yes	No
e-database in library	C Yes	° No
ICT and smartclass room	• Yes	° No
e-learning sources (e-Books, e- Journals)	• Yes	° No
Production of teaching modules	• Yes	° No
Interactive learning facilities	• Yes	° No

48. Internal resource mobilization: Kindly provide the amount contributed

60500.00

8560.00

18200.00

208260.00

Research		15000	
Green Grandeur	15000	,	
Consultancy and training		208260	
Consutancy	18000.00		
C.A Course	54000.00		
Career Guidance Cell	32800.00		
Certificate Course in Dyslexia	16200.00		

Student contribution 1861875.50 Festeve 930640 **College Play Tickets** 381250 WINGS'13 10695.50 **Battle Fest** 12000.00 **Down Pour** 17800.00 F SM-2011 Batch 7000 **Festival of Choirs** 502490 1861875.5 Alumni contribution 58500 Scholarship 40000 Outreach 15000 **Clock Tower Maint** 2000 500 Rivett Prize Florence Theophilus 1000 **58500** Wellwishers 4868105 Chemistry Club 24,520.00 **Contemporary Trends In** 425,700.00 Tourism & Hospitality **Cultural Programme-Physics** 15,000.00 Nat.Sem.on Psychological Well 628,075.00 Being of Children 50,000.00 Nature Camp NC-Biodiversity-Green 325,050.00 Strategies NC on Folklore-Eng Dept 129,550.00 Silver Jubilee-CSC 399,500.00 Student's Welfare Cell-SNEHA 5,000.00 Yi-WCC Net 138,000.00 Project-Dialect Dictionery of 100,000.00 Vilavancode Work Shop Seminar-B.A Corp 198,400.00 Public Releation Campaign-MA 15,000.00 Communication Work Shop Seminar-64,500.00 **Management Studies National Conference-Msc** 10,000.00 **Physics** Work Shop Seminar-Bsc 65,000.00 Viscom Work Shop Seminar-B.Com 70,740.00 The Batch of 1962 7,500.00 Dr.G.Rengasamy 100,000.00 Dr.Nithila Masilamani 50,000.00 Batch of 1984-1987 127,000.00

25,955.00 50,000.00

502,490.00

B.A Corp Dept-MUN

Mr.Ravichandran

Choirs 2012-13

Income received Festival of

Conference

Dr.Shoba Ramakrishna Endt.	
Lecture	100,000.00
Shalom Endt.	32,500.00
India Cements Endt.	650,000.00
Ida Manickam Memorial	
Scholarship	210,000.00
Other Scholarships	88,785.00
Prof. D.Johnson Victor	
Scholarship	50,000.00
Alumnae Scholarship	40,000.00
Monisha Aman Scholarship	32,000.00
Vasti Ann Vasanta kumari	
Scholarship	6,000.00
George Deviprasad	
Endownment Fund	111,100.00
Silver Jubilee Celebrations	
Dept.of Computer Science	15,740.00
English Department	
Conference	5,000.00
	4,868,105.00

49. Infrastructure and welfare spending: Please specify the amount

Amount spe	nt for	infrastruct	ure develo	nment
minount spc	116 101	min astract	are aeven	princin

17058101

Air conditioner	78,670.00
Buildings - Centenary	7,965,149.00
Computer	4,040,166.00
Cycle	8,300.00
Equipments	1,460,598.00
Furniture & Fittings	1,421,513.00
Generator	779,132.00
Tempo Traveller	1,304,573.00

TOTAL 17,058,101.00

Amount spent for student welfare

Student Safety Insurance 187740.00
Choir Uniform 16650.00
Senate Retreat 3520.00
207910.00

Amount spent for staff welfare

207910

Noon Meal63870.00Teaching Staff Retreat32477.00Non Teaching Staff Retreat18205.00Non Teaching Staff Uniform6102.00Christmas Gift56403.00Fellowship Dinner77087.00254144.00

50. Is delegation of authority practic	ced					
Yes						
° No						
51. Does grievance redressal cell ex	ist?					
	Y	es		N	lo	
Faculty	⊚	Yes		0	No	
Students	⊙	Yes		0	No	
Staff	•	Yes		0	No	
52. Grievances received from faculty	y and	d resolved (Enter a number; 0 for nil)			
Number of grievances received			0			
Number of grievances resolved			0			
53. Number of grievances received f	rom	students a	nd resolved (Enter a numb	er;	0 for nil)	
Number of grievances received			0			
Number of grievances resolved			0			
54. Number of grievances received f	rom	other staff	members and resolved (E	nter	a numbe	r; 0 for nil)
Number of grievances received			0			
Number of grievances resolved			0			
55. Has the institution conducted an Yes No	y SV	VOT analys	is during the year			
56. The SWOT analysis was done by	inte	rnal or by e	external agency			
© Internal						
External						
57. Kindly provide three identified s	strer	ngths from S	SWOT Analysis (in bullet fo	orm	at)	
58. Kindly provide three identified v		knesses from	n the SWOT analysis (in bu	ullet	t format)	

59. Kindly provide two opportunities identified from the SWOT analysis (in bullet format)



60. Kindly provide two identified challenges/threats from SWOT analysis (in bullet format)



61. Identify any significant progress made by the institution towards achieving the goals and objectives during the year (list below in bullet format)

- > B.Com Honors, a new academic Degree Program was implemented
- Renovation of Home Science Physiology Lab (renamed as Florence Theophilus Block) and administrative office and Visual Communication lab (renamed as Copper Pod Block)
- ➤ In our efforts to enhance facilities towards teaching & learning departments and labs are equipped with additional Computers & Projectors. Classroom furniture were repaired & varnished
- > Student exchange programs with International Institutions have been strengthened



62. How do you perceive the role of NAAC in the quality development of your institution (Suggestions in bullet format to be given below)

- > NAAC enables us to Introspect and improve our standards in Higher Education thus fulfilling our mission towards women empowerment
- > It encourages us to organize and maintain records pertaining to Student Progression and Faculty Development
- > It motivates us to undertake various Research Projects and enhance our research output

