

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

I. Details of the Institution		
1.1 Name of the Institution	:	Madras Christian College (Autonomous)
1.2 Address Line 1	:	Madras Christian College (Autonomous)
Address Line 2	:	Tambaram (East)
City / Town	:	Chennai
State	:	Tamil Nadu
Pin Code	:	600 059
Institution e-mail address	:	principal@mcc.edu.in
Contact Nos.	:	044-22390675,22396772
Name of the Head of the Institution	:	Dr. R. W. Alexander Jesudasan
Tel. No. with STD Code	:	044-22390675
Mobile	:	9840622438
Name of the IQAC Coordinator	:	Dr. T. Robinson
Mobile	:	9940355399
IQAC e-mail address	:	iqac@mcc.edu.in
1.3 NAAC Track ID	:	14960
1.4 Website address	:	www.mcc.edu.in
Web-link of the AQAR	:	http://www.mcc.edu.in/docs/AQAR-2014-15.pdf

1.5 Accreditation Details

Sl.No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A+	91.55	2004	5 years
2	2 nd Cycle	A	3.37	2013	5 years
3	3 rd Cycle				
4	4 th Cycle				

1.6 Date of Establishment of IQAC :

1.7 AQAR for the year :

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

- i. AQAR 2010-11 submitted
- ii. AQAR 2011-12 submitted
- iii. AQAR 2012-13 submitted
- iv. AQAR 2013-14 submitted

1.9 Institutional Status

University : State Central
 Deemed Private

Affiliated College : Yes No

Constituent College : Yes No

Autonomous College of UGC : Yes No

Regulatory Agency approved Institution (eg. AICTE,BCI,MCI,PCI,NCI) : Yes No

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

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

1.10 Type of Faculty/ Programme

Arts Science Commerce Law
 PEI (Phys Edu) TEI (Edu) Engineering Health Science
 Management Other (Specify)

1.11 Name of the Affiliating University (for the Colleges) :

1.12 Special Status conferred by Central / State Government – UGC/CSIR/DST/DBT/ICMR etc.

Autonomy by State/ Central Govt./ University
 University with Potential for Excellence UGC-CPE
 DST Star Scheme UGC-CE
 UGC-Special Assistant Programme DST-FIST
 UGC-Innovative PG Programme Any other (Specify)
 UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers :

2.2 No. of Administrative / Technical Staff :

2.3 No. of Students :

2.4 No. of Management representatives :

2.5 No. of Alumni :

2.6 No. of any other stakeholder and community representatives :

2.7 No. of Employers/ Industrialists :

2.8 No. of other External Experts :

2.9 Total No. of Members :

2.10 No. of IQAC meeting held :

2.11 No. of meetings with various stakeholders

No. Faculty

Non-Teaching Staff Students Alumni

Others

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

If yes, mention the amount :

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National State Institution Level

(ii) Themes :

2.14 Significant Activities and contributions made by IQAC

The IQAC coordinator undertook an institutional visit as a part of the planning and development process in College.

2.15 Plan of Action by IQAC / Outcome

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

Plan of Action	Achievements
Getting ready the feedback form Distributing and collecting data from the students Analysing the data collected	The IQAC was able to organize collecting student feedback on the various courses and on the faculty

2.16 Whether the AQAR was placed in statutory body

Yes

No

Management

Syndicate

Any other body

Provide the details of the action taken

Part – B

CRITERION – I

I. Curricular Aspects

1.1 Details about Academic Programmes :

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added/Career Oriented programmes
Ph.D	14	-	-	-
PG	15	-	7	-
UG	16	3	12	-
PG Diploma	6	2	-	-
Advanced Diploma	-	-	-	-
Diploma	8	1	-	-
Certificate	8	4	-	-
Others	1	-	-	1
Total	68	10	22	
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

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

(ii) Pattern of programmes :

Pattern	Number of Programmes
Semester	67
Trimester	-
Annual	-

1.3 Feedback from stakeholders*
(on all aspects) :Alumni Parents Employers Students

Mode of feedback :

Online Manual Co-operating schools (for PEI)

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

Yes – 5 Aided Stream programmes and 5 Self-Financed Stream Programme had their revision of syllabus this year.

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

Yes – Department of English (SFS) – B.A. English and B.Voc.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of Permanent faculty

Total	Asst. Prof.	Asso. Prof.	Prof.	Others
307	210	64	-	-

2.2 No. of Permanent faculty with Ph.D

: 71

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
35	-	-	-	-	-	27	-	62	-

2.4 No. of Guest and visiting faculty and Temporary Faculty

Guest	Visiting	Temporary
32	-	1

2.5 Faculty participation in Conferences and Symposia

No. of Faculty	International Level	National Level	State Level
Attended	54	70	Nil
Presented Papers	42	51	Nil
Resource Persons	2	25	63

2.6 Innovative processes adopted by the Institution in Teaching and Learning

1. Use of smart board in the departments for teaching learning process.
2. Remedial classes for Slow learners was implemented
3. SPSS training was given to PG students and Research Scholars.
4. Field study tour is conducted for Final year UG and PG students.
5. Projects for final year UG students
6. Special Learning Program is conducted to enrich students' learning skill in maths
7. Painting poems , field trips, Role play to enrich students knowledges
8. Video lectures , Dialectics, E-Learning , Team paper on General topic, Screening of literary movies
9. Experimental training was given to the Post Graduate students of our departments in the College Farm to study the yield of greens on the application of various fertilizers by adapting different sowing methods.
10. Public speaking, mock interviews and other means of maximizing the effective use of the English language.
11. Forming solar power as labs.

2.7 Total No. of actual teaching days during this academic year : 180

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

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

1. All the Faculty members of each department are involved in the curriculum restructuring and syllabi revision of their respective departments
2. Subject experts from leading institutions are invited for giving their valuable suggestions.

2.10 Average percentage of attendance of students : 82%

2.11 Course/ Programme wise distribution of pass percentage

Title of the programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Aided Stream						
B.A. Economics	58	13.79	27.59	17.24	17.24	76
B.A. English Lang & Litt	61	0.00	37.70	40.98	4.92	84
B.A. History	35	2.86	22.86	20.00	0.00	46
B.A. History (Voc)	29	0	20.68	3.44	3.44	28
B.A. Philosophy	30	0	16.66	26.66	3.33	47
B.A. Political Science	57	0	29.82	17.54	5.26	53
B.A. Tamil Literature	52	7.69	55.76	21.15	0	85
B.Com. Commerce	68	26.47	60.29	7.35	0	94
B.Com. Commerce (Voc.)	29	10.34	44.82	41.37	0	97
B.Sc. Chemistry	40	0.00	40.00	22.50	0	62
B.Sc. Mathematics	64	15.63	34.38	14.06	0	64
B.Sc. Physics	44	18.18	20.45	18.18	4.55	61
B.Sc. Pl. Bio. & Pl. Biotech	41	7.32	19.51	21.95	0	49
B.Sc. Statistics	40	5.00	27.50	27.50	5	65
B.Sc. Zoology	37	24.32	32.43	8.11	0	65
B.Sc. Zoology (Voc)	21	4.76	23.81	0.00	0	29

M.A. Economics	19	5.26	63.16	5.26	0	74
M.a. English Lang & Litt.	38	7.89	81.58	10.53	0	100
M.A. History	12	0.00	66.67	33.33	0	100
M.A. Philosophy	13	7.69	84.62	7.69	0	100
M.A. Political Science	17	0.00	52.94	23.53	0	76
M.A. Public Admn.	36	2.78	75.00	16.67	0	94
M.A. Tamil Literature	17	23.53	76.47	0.00	0	100
M.Com. Commerce	38	23.68	71.05	0.00	0	95
M.S.W. Social Work	21	0.00	80.95	4.76	0	86
M.Sc. Chemistry	23	0.00	65.22	0.00	0	65
M.Sc. Mathematics	39	56.41	33.33	0.00	0	90
M.Sc. Physics	23	34.78	47.83	0.00	0	83
M.Sc. Pl. Bio. & Pl. Biotech	24	12.50	79.17	0.00	0	92
M.Sc. Statistics	16	31.25	68.75	0.00	0	100
M.Sc. Zoology	25	40.00	56.00	0.00	0	96
Self – financed Stream						
B.A. Journalism	65	1.54	33.85	10.77	0	46
B.B.A. Bus. Administration	45	8.89	37.78	28.89	13.33	89
B.B.A. Business Administration	63	7.94	34.92	23.81	1.59	68
B.Com. Accounts & Finance	49	18.37	46.94	6.12	2.04	73
B.Com. Commerce	118	5.93	45.76	26.27	0.85	79
B.S.W. Social Work	63	1.59	28.57	31.75	6.35	68
B.C.A. Computer Science	48	31.25	35.42	2.08	2.08	71
B.C.A. Computer Science	49	10.20	51.02	10.20	0	71
B.Sc. Geog. Tou. & Tra. Mgt.	47	4.26	40.43	27.66	2.13	74
B.Sc. Mathematics	39	10.26	20.51	15.38	0.00	49
B.Sc. Microbiology	36	41.67	50.00	2.78	0.00	94
B.Sc. Physical Education	36	2.78	33.33	2.78	0.00	39
B.Sc. Physics	29	24.14	6.90	0.00	0.00	31
B.Sc. Visual Communication	46	0.00	39.13	8.70	0.00	48
M.A. Communication	31	25.81	58.06	0.00	0.00	84
M.Com. Comp. Orient. Bus. App	38	39.47	60.53	0.00	0.00	100
M.S.W. Social Work	39	0.00	84.62	15.38	0.00	100
M.Sc. Applied Micro.	16	25.00	62.50	0.00	0.00	88
M.Sc. Chemistry	24	0.00	66.67	0.00	0.00	67
M.Sc. Marine Studies	11	9.09	81.82	9.09	0.00	100

M.C.A	28	32.14	64.29	0.00	0.00	96
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2.12 How does IQAC Contribute/ Monitor/Evaluate the Teaching & Learning processes

The IQAC organizes and collects students feedback from the graduates every year when they come back to the college during their graduation. This strategic collection of feedback after a year of the students completing the course is unique in that feedback provided by the students will be unbiased. The results of the feedback are reported to the faculty members in concern. In this manner teaching is monitored and evaluated. Another method of evaluating is by considering the pass percentage of the courses handled by the faculty members. The higher pass percentage is correlated to a higher quality of teaching.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	2
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others	-

2.14 Details of Administrative and Technical staff:

Category	Number of permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the year	Number of positions filled temporarily
Administrative Staff	147	26	-	-
Technical Staff	33	12	-	-

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/ Promoting Research Climate in the Institution

The IQAC in associates with Deanery Research and Development promotes research by gathering information from faculty members about the research publications and paper presentations. It encourages faculty members to participate in workshops organized by the Research and Development Cell on using Statistical Tools. These workshops are of great use to the faculty who incorporate data collection in their research.

3.2 Details regarding Major Projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	4	-	-
Outlay in Rs. Lakhs	46.72810	52.20675	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	7	14	-	-
Outlay in Rs. Lakhs	12.23500	47.83869	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	75	9	-
Non-Peer Review Journals	1	4	4
e-Journals	7	1	-
Conference proceedings	14	12	5

3.5 Details on Impact factor of publications

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the funding agency	Total grant sanctioned	Received
Major projects				
Chemistry	2014-Ongoing	Science and Engineering research Board	1400000	950000
Plant Biology and Plant Biotechnology	2008-2015 Completed	Govt. Of India Ministry of science and Technology(DBT)	3609060	846601
Zoology	2014-2015 Ongoing	DBT	2404875.48	
	2009-Ongoing	DBT	1120800	579440
Research project Major Botany	2013-2015 Completed	DST	472400	418400
Research project Major Botany	2013-2015 Completed	DST	1165600	6445350
Research project Major Mathematics	2014-Ongoing	DST	874500	295000
Research Project Major Zoology	2012-2015 Ongoing	CSIR	1032384	554384
Minor Projects				
Zoology	2015-Ongoing	SERO/UGC	493000	311500
Physics	2015-ongoing	SERO/UGC	400000	380000
Physics	2015-ongoing	SERO/UGC	460000	425000
Chemistry	2015-ongoing	SERO/UGC	270000	190000
Plant Biology and Plant Biotechnology	2015-ongoing	SERO/UGC	210000	115000
Mathematics	2015-ongoing	SERO/UGC	185000	155000
Social Work	2015-ongoing	SERO/UGC	170000	135000
BCA	2015-ongoing	SERO/UGC	125000	46000
Commerce	2015-ongoing	UBCHEA	95085	944835
BSW	2015-ongoing	UBCHEA	190170	189920

Physics	2015-ongoing	UBCHEA	190170	189920
Zoology	2015-ongoing	UBCHEA	633900	633650
Philosophy	2014-ongoing	UBCHEA	95085	944835
Marine Studies	2014-2015 Completed	Tamil Nadu State council for science and technology	7500	7500
Plant Biology and Plant Biotechnology	2012-ongoing	Tamil Nadu Forest Department	330160	160847
Zoology	2013-2015 Completed	Indo-French center for Advance Research	880000	712022
Research Project Minor Tamil	2014-2015	Central Institute Of Classical Tamil	145000	145000
Research Project Minor Zoology	2014-2015 Completed	ICSSR	356000	320400
Research Project Minor Economics	2014-2015 Ongoing	ICSSR	207000	100000
Interdisciplinary Projects				
Industry Sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other (Specify)				
Total				

3.7 No. of books published

i) With ISBN No.

3

Chapters in Edited Books

17

ii) Without ISBN No.

1

3.8 No. of University Department receiving funds from

UGC-SAP

-

CAS

-

DST-FIST

3

DPE

-

-

DBT Scheme/funds

4

3.9 For Colleges

Autonomy

✓

CPE

✓

DBT Star Scheme

✓

INSPIRE

-

CE

-

Any other (Specify)

-

3.10 Revenue generated through consultancy

Nil

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	2	4	7	2	17
Sponsoring agencies	Self sponsored	Tamil Nadu Council for Science and Technology	-	-	-

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

3.13 No. of collaborations

International National Any other

3.14 No. of linkages created during this year :

3.15 Total budget for research for current year in lakhs

From Funding agency From Management of University/ College
 Total

3.16 No. of patents received this year

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

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

Total	International	National	State	University	Dist	College
19	2	8	9	-	-	-

3.18 No. of faculty from the Institution

who are Ph.D guides :

and students registered under them :

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

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

JRF	<input type="text" value="5"/>	SRF	<input type="text" value="4"/>	Project Fellows	<input type="text" value="2"/>	Any other	<input type="text" value="-"/>
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3.21 No. of students Participated in NSS events :

University level	<input type="text" value="-"/>	State level	<input type="text" value="1"/>	National level	<input type="text" value="1"/>	International level	<input type="text" value="-"/>
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3.22 No. of students participated in NCC events

University level	<input type="text" value="-"/>	State level	<input type="text" value="14"/>	National level	<input type="text" value="51"/>	International level	<input type="text" value="-"/>
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3.23 No. of Awards won in NSS

University level	<input type="text" value="-"/>	State level	<input type="text" value="1"/>	National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>
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3.24 No. of Awards in NCC :

University level	<input type="text" value="-"/>	State level	<input type="text" value="2"/>	National level	<input type="text" value="2"/>	International level	<input type="text" value="-"/>
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3.25 No. of Extension activities organized

University forum	<input type="text"/>	College forum	<input type="text"/>	NCC	<input type="text" value="3"/>
NSS	<input type="text" value="8"/>	Any other	<input type="text"/>		
School of Continuing Education	<input type="text" value="2"/>	Alumni	<input type="text" value="4"/>	Student Christian Movement	<input type="text"/>
MCC Farm	<input type="text" value="4"/>	Chandran Devanesan Centre for Human Resource Development	<input type="text" value="8"/>	Placement Cell	<input type="text" value="2"/>
Miller Memorial Library	<input type="text" value="8"/>	Campus Ministries	<input type="text" value="-"/>	Centre for Women Studies	<input type="text" value="8"/>
Institute for Advanced Christian Studies	<input type="text" value="6"/>	Counseling Services	<input type="text"/>	Centre for Peace Studies	<input type="text" value="5"/>
IASC	<input type="text" value="3"/>	MCC Community College	<input type="text" value="2"/>	MCC Family Life Institute	<input type="text" value="8"/>
College Union Society	<input type="text" value="15"/>	Scrub Society	<input type="text" value="2"/>	SSDA	<input type="text" value="4"/>

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

- Our NSS activities started in the month of July 2013 by senior volunteers in various hospitals, Government Schools and adopted villages. A number of volunteers carried out several service activities in the adopted villages' such as socio-economic survey, tree plantation, sports for school children, competitions, cleaning in and around the adopted village. Apart from this, they also had interactive sessions with school children, village people and teachers.
- The Centre for Women Studies activities for the year 2013-'14 began with the launching of a Self-help group project "Greenesque" on 25th July 2013. This outlet was to encourage the students to develop their management skills. The profit is used for the Manna scheme. The Manna scheme is in operation and 78 students are availing the free meal scheme that is made available. The Independence day celebration was held on 13th August 2013 by involving the women workers of the college.
- The Students Services for the Differently Abled SSDA provides a favourable environment to the Differently Abled students to pursue their academic work effectively. To this end scribing, reading and educational assistance are provided by a band of dedicated student volunteers drawn from various disciplines from both the aided and the self-financed streams. Along with the local partners and supporters financial assistance is provided to needy differently abled students pursuing their undergraduate education. We are sad to mention that Mr A.J.Mithra, Music teacher at the MCC Campus Matriculation School and a long standing supporter and well-wisher of the SSDA passed away suddenly in 2014. He was instrumental in identifying potential donors and philanthropists who supported the differently abled in their various endeavors. We take this opportunity to commend his services towards the cause of the differently abled in our College.
- In order to provide a more holistic education, the Student Counselling Services had joined hands with the department of Value Education and the Center for Human Resource Development in different activities pertaining to the student's welfare and development. Counselling sessions play a major role in helping to mould the personality of both the students and staff.
- Family Life Institute is entering into its 40th year of service to the villages in the neighbourhood of Mappedu. FLI continues to offer various services including Health Clinic, Vocational Training Unit, and a Primary School. Self Help Group for village women and a Service Learning Programme for students are also offered in the campus. Health clinic continues to serve the basic medical needs of the people in the surrounding villages at a subsidized rate. MCC campus doctor visits the clinic every week and a full time nurse takes care of the patients. The school, started as a daycare centre for nursery children during early 80's has grown into a full fledged school and caters to the needs of 307 students from LKG to 5th standard. Vocational training in Tailoring is given to girls from the local village.
- The RSL School facilitates 10 IED children, 4 from primary level and 6 from high school. These children are with different learning disabilities like visually challenged, mentally retarded, hearing impaired etc.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities

Facilities	Existing	Newly created	Source of fund	Total
Campus area	365	-	MCC	365
Class rooms	99	5	UGC	104
Laboratories	58	2	UGC	60
Seminar Halls	16	-	MCC	16
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	80	39	MCC/UGC	119
Value of the equipment purchased during the year (Rs. In Lakhs)	14,12,4,065	11,01,9,862	MCC/UGC	25,14,3,927
Others Solar Power Plant (100 kva)		-	-	70 lakhs

4.2 Computerization of administration and library

All the administrative and library functions are fully computerized

4.3 Library Services

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	10,533	26,33,250	1,255	3,13,750	11,788	29,47,000
Reference Books	7,695	19,23,750	360	90,000	8,055	20,13,750
e-Books	1,50,000	2,54,000	-	-	1,50,000	2,54,000
Journals	70	1,37,734	-	-	70	1,37,734
e-Journals	10,000	2,44,000	-	-	10,000	2,44,000
Digital Database	D.Space	-	-	-	-	-
CD & Video	354	17,700	10	500	364	18,200
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centers	Computer Centers	Office	Department	Others
Existing	892	14	Yes	3	3	137	450	305
Added	46	2	Yes	-	1	20	10	16
Total	938	16	Yes	3	4	157	460	321

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

The Research and Development Cell conducted two days SPSS Work shop for teachers in both Arts and Science Stream. The Bursar's office administration was automated with the introduction of new software. The Bursar office staffs were trained to effectively perform their duties using this new software. Networking was enhanced in various departments. E-governance processes were introduced in order to connect office and to mandate accuracy and promptness.

4.6 Amount spent on maintenance in lakhs

i. ICT	9,21,191.00
ii. Campus Infrastructure and facilities	17,58,7,255.00
iii. Equipment	16,92,086.00
iv. Others	16,23,000.00
Total	21,82,3,532.00

Criterion – V

5 Student support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student support

The Library Committee and the College Union Society caters to the needs of the student community by addressing issues related to library facilities and other amenities in college. Grievances of academic and other natures are appealed to the Department Grievances Cell. Hall cabinet adhere to the Hall Constitution for effective administration. Foreign Student Information system is coordinated by the Dean of International Programmes or the Dean of Student Affairs at the Student Records Office. The IQAC in collecting and recording data related to these various student support services, ensures that awareness is created about them among the student community.

The IQAC determines and assures quality for the production of the best deliverables of these services.

5.2 Efforts made by the institution for tracking the progression

Progress is tracked through the AQAR every year.

5.3 a) Total Number of students

UG	PG	Ph.D	Others
5006	1148	39	93

b) No. of students outside the state

1218

c) No. of international students

47

Men	No	%
	3381	53.7

Women	No	%
	2905	46.2

Last Year 2011-12						This Year 2012-13					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1721	962	284	315	33	6123	1801	936	26	322	29	6286
			5						1		

Demand Ratio 1:9.5

Dropout % 2.2

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

Institute for Administrative services (IASC)

No. of students beneficiaries

: 500

5.5 No. of students qualifies in these examinations

NET	<input type="text" value="4"/>	SET/SLET	<input type="text" value="-"/>	GATE	<input type="text" value="-"/>	CAT	<input type="text" value="-"/>
IAS/IPS etc	<input type="text" value="2"/>	State PSC	<input type="text" value="-"/>	UPSC	<input type="text" value="-"/>	Others	<input type="text" value="-"/>

5.6 Details of student counselling and career guidance

Students Counselling Services

No. of students benefited	:	<input type="text" value="314"/>
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5.7 Details of campus placement

On Campus			Off Campus
Number of Organizations visited	Number of students participated	Number of students placed	Number of students placed
49	1200	373	

5.8 Details of gender sensitization programmes

1 st September, 2014	:	The movie "Color Purple" by Alice Walker highlighting the concept of "Womanism" was screened.
10 th September, 2014	:	The Talent Treat "Eve's Eve" was organised and Actor Sarath Kumar the Chief Guest interacted with the audience and shared his experiential knowledge.
29 th October, 2014	:	A session on "Positive thinking and Problem Management" by Mrs. Prabha Arun, a counsellor enlightened the students.
5 th November, 2014	:	Dr. Rita John, Professor in Madras University motivated the staff and students through the topic "Research – Opportunities and Challenges".
17 th December, 2014	:	An Oratorical competition on the topic "What is true achievement" was conducted for the women students.
20 th January, 2015	:	A workshop on "Empowerment of Women through Research" by Dr. Rita John added insight to the academic growth of women.
12 th March, 2015	:	In connection with the "International Women's Day" a discussion on "Women's Issues" was held with Mrs. Uthra Nihila Kumari an advocate, Madras High Court , Latika Charan -IAS and Dr.Geetha,Head Centre for Women's studies ,University of Madras.
Academic course	:	Value Education - Gender Studies is a part of their curriculum in UG

5.9 Students Activities**5.9.1 No. of Students participated in Sports, Games and other Events**

State/University level National level International level

No. of students participated in cultural events

State/University level National level International level

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

Sports : State/University level National level International level

Cultural: State/University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	184	1,78,750.00
Financial support from government	942	33,75,746.00
Financial Support from other sources	30	3,89,393.00
Number of students who received International/ National recognitions	-	-

5.11 Student organized / initiatives

Fairs: State/University level National level International level

Exhibition: State/University level National level International level

5.12 No. of social initiatives undertaken by the students :

5.13 Major grievances of students (if any) redressed :

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

The Madras Christian College with the inspiration of the love of God offers to people of all communities education of the whole person which is congruous with God's revelation in Christ of the true nature of the humanity, and is appropriate to the needs of India and of the world.

Academic Excellence, Spiritual Vitality and Social Relevance have remained the major guiding principles and goals of the institution down the decades.

6.2 Does the Institution has a management Information System

Yes.

Through Enterprise Resource Processing the major offices are connected. More transactions are made online.

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

6.3.1 Curriculum Development

Recommendations in syllabus revision were implemented by several departments.

6.3.2 Teaching and Learning

E-learning through creation of e-content to be utilized for teaching and learning is facilitated by all departments. Faculty were trained to use the e-content creating software. Software was then installed in the laptops provided to each department. Facilities were provided to the faculty members to create, record and publish the e-content.

6.3.3 Examination and Evaluation

UG and PG students appearing in the Final Semester ESE will be permitted to take Supplementary Examinations immediately after the publication of the examination results, in the event of being unsuccessful in the Final Semester Exams.

6.3.4 Research and Development

Department of Botany conducted a workshop on "Mushroom Cultivation" and the practical demonstration and experiments were conducted in the farm from 9th - 13th February 2015 for the science graduates of Madras Christian College. III B. Sc. Students of Department of Zoology are establishing a vermicomposting unit in the farm as part of their practicals with the support of DBT Star College Scheme funds. III B. Sc. Zoology (vocational) Industrial

Fish and Fisheries students developed Ornamental fish breeding and live feed culture unit in the farm as part of their practicals with the support of DBT Star College Scheme funds. I M. Sc. students of the Department of Statistics are carrying out a project on “A statistical experimental design on watermelon” using farm land for their experimental plots.

6.3.5 Library, ICT and physical infrastructure / instrumentation

The Miller Memorial Library has been completely revamped in terms of infrastructure and the accessibility of the resources. Various new sections are introduced exclusively for Reference, Book Bank, Competitive Exam, Periodicals, Maps, Audio/Video facility, Projects and Thesis, Braille etc., OPAC [Online Public Access Catalogue], NPTEL is the recent additional benefit which has been introduced to the user community. The Miller Memorial Library has achieved its vision of creation and dissemination of knowledge through ICT which in turn endeavours and empowers faculty and students to achieve excellence in the knowledge paradigm of the country. The books in Miller Memorial Library are in the process of getting barcoded for automated circulation. The recently installed Library Management Software (LMS) in addition to the existing automation process enhances the library services. Miller Memorial Library acquired access to many online databases through subscription and is using D Space for managing the digital contents.

In addition to the Library the following infrastructural advancements were made: Solar energy, Indoor Stadium, New Commerce Block, New International Guest House, Drinking water through reverse osmosis plant, new wash rooms in men’s halls and Greenwoods (stationary outlet).

6.3.6 Human Resource Management

The mission, vision, goals and objectives are communicated and deployed at all levels to ensure individual employees contribution for institutional development.

Teachers offering courses in Value Education and Personality Development are given special training by reputed agencies.

The Chandran Devanesan Centre for Human Resource Management organized Faculty Development workshop for the facilitators on the theme “Building Skills” on 1st March 2014.

A workshop on “Skill Development” was organized by the Centre on 10th March 2014 for MCC Community College students.

The centre along with the Placement Cell organized Placement training for the final year students on March 11th and 12th 2014, as well as during 1st to 5th of September 2014.

An anti-suicide Campaign “Live On’ was organized by the centre.

Faculty Development workshop on “Enhancing Skills and knowledge on values, Character building and Motivation” was organized on 16th June 2014.

Orientation for the students currently undergoing the Personality development programme as well as the Soft Skills Programme was held on 18th and 24th June 2014 for UG students and June 19th and 23rd June 2014 for PG students belonging to both Day and SFS, in the Anderson Hall.

As part of Training the trainers initiative of the Centre, faculty members were sent to AIACHE faculty development programmes held at Kodaikanal during 4th to 7th August 2014 and to Stella Mary's Training Centre, Kanyakumari during 17th to 19th September 2014.

Facilitators went as resource persons to St. Christopher's College of Education and conducted 3 days workshop on "Effective Communication skills" during 25th to 27th September 2014.

6.3.7 Faculty and staff recruitment

Faculty are recruited as per government norms. The Christian Minority Rights as enshrined in the Constitution of India are enjoyed by the college

6.3.8 Industry Interaction / collaboration

Full time jobs were offered to 202 students from organizations like TCS, TCS (BPS), CTS, Deloitte US India, Mc Kinsey, Ernst & Young, Zoho, Infosys, Zifo, Scope International etc.

All the final year UG and PG students of all the departments underwent a one day Placement Preparation Workshop in September 2014.

6.3.9 Admission of Students

The college ensures wide publicity of admission process through College Prospectus, Institutional Website, Advertisement in Regional/National Newspapers. A Centralized admission process was implemented this year with a new software facility for efficient processing of application forms. Admissions are made as per the reservation policy of Tamil Nadu and the Government of India.

6.4 Welfare schemes

Teaching	EPF, UTI Pension scheme, Insurance, Gratuity
Non teaching	Medical Insurance, Gratuity, Fee-Concession for Staff Children, EPF, UTI Pension Scheme
Students	Insurance, Scholarships (Government & Management)

6.5 Total corpus fund generated :

6.6 Whether annual financial audit has been done : Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No			
Administrative	No			

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

For UG Programmes Yes No

For PG Programmes Yes No

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

Online and timely publication of Semester Examination results. C.A. Retake facility & Third Valuation

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

MCC became one of the earliest colleges to be granted the status of Autonomy in 1978. Innovative teaching and evaluation methods have been adopted by utilization of ICT resources.

6.11 Activities and support from the Alumni Association

The MCC Alumni Association conducted many programmes which brought in alumni from across the globe to the campus to reminisce their past and to witness the present developments. Many alumni came back for small reunions and campus tours to cherish and relive their nostalgic past. The Distinguished Alumni Series was organized on 20th March 2014 to honour Mr. B. Muthuraman, Chairman, Tata International Ltd., & Vice-Chairman, Tata Steel Ltd. and Mr. K. Vijay Kumar I.P.S., Sr. Security Adviser, Ministry of Home Affairs, Government of India & Former Director General, CRPF. The Madras Chapter of the MCC Alumni Association honoured our alumnus, Mr. R. Abilash, Recipient of the prestigious Sahitya Akademi award for his novel titled 'kaalgal' and the present students of the College for their 'skip a meal' initiative. The Alumni Association also conducted its annual 'MCC Alumni Carol Concert' on 8th and 9th December 2014 at MCC Higher Secondary School Grounds, Chetpet. The Quintessential Annual Old Boys Cricket match was conducted on 14th February 2015.

6.12 Activities and support from the Parent – Teacher Association

Not Applicable

6.13 Development programmes for support staff

The Centre for Women's Studies celebrated Christmas with the women workers on 12th December 2014 and sarees donated by Dr. A. Subramanian were distributed to them. The centre also organized a Jumble sale for the Support Staff on 13th February 2015. The sale enabled the support staff to purchase items for a minimal price.

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

A sustainable development committee (Ecology Committee) was formed to address the issues related to the environment.

Activities such as 'one credit' campus cleanup program on alternate Saturdays, Bird watching & Campus walk in the night to see nocturnal animals, Establishing Raptor Rehabilitation Centre on campus in alliance with ACIR, were introduced.

100 KVA Solar power plants has been installed by the college as part of green initiatives.

Tree plantation has been an ongoing program to keep the College Green.

Criterion – VII

7. Innovations and Best Practices

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

The Scrub Society has introduced a Rolling Trophy for Cleanliness among Halls of Residence and a helpline for animals during this academic year.

MCC Community College which was started on 11th January 2013, successfully completed the first batch and all the students were placed in their respective fields. The second batch Diploma Examinations were conducted in July 2014 and all the candidates were passed. The second batch Diploma in Health Assistant (DHA) students were placed in COSH Hospital, Annai Arul Hospital, Santhosh Family Clinic, and Glen Mark Pharmaceuticals Ltd., and the Diploma in Computer Hardware Services (DCHS) students were placed in ACCESS SYSTEMS, C.S.Corp, Ambattur Industrial Estate, Olympia Tech Park, Guindy and Lap Tech Services. A proposal sent to University Grants Commission (UGC), Ministry of Human Resource Development (HRD), Govt. of India was approved in May 2014. 35 students enrolled in Diploma in Health Assistant (DHA) course and 30 students enrolled in Diploma in Computer Hardware Services (DCHS) during July 2014. Totally 65 students enrolled during this academic year.

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

The Miller Memorial Library has been completely revamped in terms of infrastructure and the accessibility of the resources. Various new sections are introduced exclusively for Reference, Book Bank, Competitive Exam, Periodicals, Maps, Audio/Video facility, Projects and Thesis, Braille etc., OPAC [Online Public Access Catalogue], NPTEL is the recent additional benefit which has been introduced to the user community. The Miller Memorial Library has achieved its vision of creation and dissemination of knowledge through ICT which in turn endeavours and empowers faculty and students to achieve excellence in the knowledge paradigm of the country. The books in Miller Memorial Library are in the process of getting barcoded for automated circulation. The recently installed Library Management Software (LMS) in addition to the existing automation process enhances the library services. Miller Memorial Library acquired access to many online databases through subscription and is using D Space for managing the digital contents.

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

Best Practice #1

1. Title of the Practice

Research Culture to nurture and encourage younger faculty

2. Objectives of the Practice

Madras Christian College promotes research at all levels. Both teaching faculty and students are encouraged to do research. They are encouraged to present research papers and apply for minor and major research projects. Allowance is provided by the Research and Development Cell to the faculty who are involved in research activities. Students and faculty present their research findings in International journals with ISSN number published by the respective departments. The Dean of Research and Development Cell facilitates the processing and documentation works and is assisted by the Dean of Sciences and the Dean of Humanities. The objective is that the needs of the students and faculty who are pursuing research is met.

3. The Context

The Madras Christian College although a Liberal Arts and Science college encourages its faculty and students to get involved in research. It has produced stalwarts in research such as K. S. Krishnan, Physicist and collaborator with CV Raman, Raja Ramanna, Nuclear Science, E. C. G. Sudharshan, Physicist and winner of Third World Prize, R. Y. George, first Indian Scientist to land on Antarctica and C. P. Ramachandran, Science-Diplomat, WHO. The present Principal of Madras Christian College, Dr. R. W. Alexander Jesudasan, is a world renown scientist and authority in Entomology. A Doctor of Science, he has published more than hundred papers and has accomplished more than thirty projects. In recognition of his contribution in research he has received several awards and prestigious fellowships. With him as the leader, he stands as a forerunner of research at Madras Christian College, encouraging and motivating new aspirants into research.

4. The Practice

Shiraz Naval Minwalla, a professor of theoretical physics at the Tata Institute of Fundamental Research (TIFR), Mumbai, won the New Horizons in Physics Prize for 2013 on November 5. In an interview to The Hindu he had mentioned that research in India is restricted to a few elite institutions. In this context Madras Christian College though a liberal Arts and Science college has been an institution of Higher Education which is actively involved in research and has taken research to great heights.

Apart from paper presentation and publications many faculty have received awards in recognition of their research contribution.

The Madras Christian College has a very vibrant Research and Development Cell (R&D Cell) which is headed by the Dean of Research who is assisted by the Dean of Humanities and Dean of Sciences. They ensure that a very encouraging research culture is present in MCC. What is unique about them is that even faculty at the entry level are also given equal opportunity to attend seminars and conferences and apply for minor and major research projects. In addition to this financial assistance is provided for those who present their research works in seminars and conferences.

Research is conducted in the chosen field of specialization as per the advice and guidance of the senior faculty in various departments. The R&D Cell organizes training programmes in research methodology and in using Statistical methods for faculty in college. These programmes are very useful for faculty in their research as it teaches them how to use the SPSS tool for analysis and thereby to produce quality research.

The R&D Cell also coordinates research activities by establishing research collaboration with other institutions and encourages Inter-disciplinary research. In this context it is worth mentioning that the college offers Inter-disciplinary subjects as a part of the curriculum. This provides opportunity for the students to be introduced to the subjects that are apart from their major. Apart from this the faculty also get involved in research which is of inter-disciplinary nature.

The R&D Cell is also a support centre for documentation and supply of data. When there is a call for proposals from any agency the Cell operates in enabling the applicants to be aware of the requirements, eligibility criteria and the modalities of submission. Thus the R&D Cell is actively involved in promoting a dynamic research culture which is on par with one of its founding Principles “Academic Excellence”; a research culture which is inclusive of all teaching faculty.

5. Evidence of Success

The success of promoting active research can be seen in the fact that several faculty have presented and published papers. 7 PhDs were produced this year. 5 Endowment Lectures were organized. 12 Lectures were organized by individual departments. 15 faculty members were involved in International visits for the purpose of teaching and research. 11 faculty members were awarded with research projects. At least 12 faculty members were awarded with significant recognitions for their research contribution. 35 faculty members delivered special lecture and were resource persons in various colleges. 48 faculty members published several research papers in noteworthy publications.

6. Problems Encountered and Resources Required

The Madras Christian College has a well established Research and Development Cell which is administered well under the leadership of the Dean of Research and Development along with the Dean of Sciences and the Dean of Humanities. The modalities and functioning are in accordance with the tradition of MCC such that quality is given top priority. The research culture also has ensured that there is no gap between the teaching and practice of theory as evidenced in the active involvement of students in several research projects. Building rapport, establishing camaraderie and communities are the stronghold of Madras Christian College. At the same time due to the increase in the student and staff strength there is a need to upgrade laboratories and enhance the infrastructural facilities in the campus. Efforts are taken by the management to address the issues related to maximum utilization of space which will optimize the research output.

Best Practice #2

1. Title of the Practice

Madras Christian College, Planning and Development

2. Objectives of the Practice

Madras Christian College is a 178 year old institution which has served humanity by offering selfless service and continues with its mission to provide higher education which is appropriate to the needs of India and of the world. As it marches forward it has ventured into the process of

planning and development to set targets for a period of five years through which it will realize its vision towards excellence and relevance. The objective of the planning and development process is to identify the benchmarks of quality and to set achievable targets to be aspired by every department and unit in college.

3. The Context

Progress and change are necessary for an institution to grow. Where there is no Institutional development the Institution is likely to experience stagnation. Although the greatest achievement of the Madras Christian College is to have a legacy of 177 years, yet it is essential that the greatness of the institution does not merely depend on the age of the institution but upon the present achievements and developments. Like how it is important to ponder upon the great legends created by Madras Christian College, it is equally important to look forward into a future which will continue to create more such legends. In an age where education is becoming commercialized and there is a constant conflict between quality and quantity, it is necessary that the Madras Christian College sets trends and draws sure road maps which will assure the future generations of quality education on par with its three founding principles: Academic Excellence, Social Relevance and Spiritual Vitality.

4. The Practice

The Planning and Development of Madras Christian College began with a meeting of the Core Committee and all the members of the Planning and Development Council. A template was distributed to each department and unit asking for basic profile details of the department. An important aspect of the template was for the departments to present details of the goals and objects for the next five years.

A brief meeting was held thereafter by the core committee with a scope to analyse the templates and to find out if the suggestions made by the departments would enhance the quality of the institutions. It was found that benchmarking was of preliminary importance. Therefore the core committee recommended that the departments and the units venture forth into defining the benchmarks on par with the values, traditions and ethos of Madras Christian College. So it was suggested that the departments and the units undertake a visit to an institution of highest excellence in their respective field. A study was to be made on the best practices found in the institutions visited. The Planning and Development Committee ensured that at least three members from each department/unit were involved in the institutional visit.

The Core Committee identified eight goals of the planning and development process. They are: Governance and Administration, Academics, teaching and learning, Student-centric Development, Research and Development, Social Relevance, Spiritual Vitality, Infrastructural Facilities and Financial Resources. The departments and Units were to identify the areas of quality enhancement in accordance to the eight principle goals. The comprehensive template which was designed by the core committee had listed all the eight principle goals across five years such that the departments and unity may identify the action plan for quality enhancement for each year under each principle goal. This was the first phase called as the Planning Phase.

The next phase involved an analysis of the information provided by the individual departments through the templates provided during the planning phase. The Core Committee met with the external experts and rigorous discussions and brainstorming sessions were held. The information provided was compiled and suggestions which were relevant in fulfilling the purpose of quality enhancement were selected.

At present the documentation process is underway in preparing the Prospective Plan Document. With this in hand the role out will begin from the academic year 2016-17 onwards after the plan is approved and the budget is sanctioned by the Board.

5. Evidence of Success

The Planning and Development exercise which was carried out by the Madras Christian College was a successful venture in that it involved the entire college including all the units and the Halls. All the departments were keen on undertaking the institutional visits and for most of them it was only after the visit that they were able to identify several areas which could lend itself to further quality enhancement. Moreover the management bore the expenses of the institutional visit and emphasised that distant should not be a constraint in visiting an institution of excellence. The ideas brought forth by the departments and the units showed the passion and enthusiasm of the college as the exercise went on in full swing. An atmosphere of healthy competition was induced and there came about a rejuvenation of a move towards quality. This self-study exercise enabled the Madras Christian College to critically look upon itself and to understand that there was definitely a need for a paradigm shift in many areas. Many innovative recommendations were put forward by the departments and the units. These were made in the areas pertaining to the eight principle goals of the Planning and Development Process. Overall this exercise which took two years is nearing its completion even as the whole college is looking forward to a new beginning.

6. Problems Encountered and Resources Required

The Planning and Development process began on March 2013. After the initial meeting the departments were asked to submit a template detailing their prospective plan for quality enhancement. An analysis of this first template showed a dearth of understanding among the departments and units in aspects related to quality. It reflected the lack of propensity towards enhancing quality and the need for a level of comparison.

Therefore the Core Committee realized that the institutional visits would help in identifying the problems. The financial support for the visits including travel, boarding and lodging was borne by the management. This ensured that the revised template was more comprehensive by including details about the best practices found in the institutions visited.

In addition to this, there will be major financial requirement during the implementation of the Prospective Plan which will be met by the college in part and through various sources identified by the departments and the units.

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

The college has embarked on a major project to map the entire area of 369 acres digitally. This is a major project in collaboration with an external agency and the Department of Geography and Tourism. A tree census is also underway being initiated by the scrub society. The results of these projects will bring about a comprehensive understanding of the college environment and will be an authentic document which will provide information on the road maps to sustainable development.

7.5 Whether environmental audit was conducted?

Yes

No

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

No

8. Plans of institution for next year

The Madras Christian College Planning and Development has charted out a course for a great paradigm shift in areas such as Governance and Administration, Academics, Teaching and Learning, Infrastructural Development, Student-centric Development, Research and Development, Social Relevance and Spiritual Vitality. These plans will be presented in the form of a document and will be approved by the Board after which it will be implemented from the next academic year onwards.

Name

Name

Signature of the
Coordinator
IQAC

Signature of the
Chairperson,
IQAC