

## Yearly Status Report - 2016-2017

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	MADRAS CHRISTIAN COLLEGE
Name of the head of the Institution	Dr. R W Alexander Jesudasan
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	044-22390675
Mobile no.	9840622438
Registered Email	iqac@mcc.edu.in
Alternate Email	principal@mcc.edu.in
Address	East Tambaram
City/Town	Chennai
State/UT	Tamil Nadu

Pincode	600059																		
<b>2. Institutional Status</b>																			
Autonomous Status (Provide date of Conformant of Autonomous Status)	20-Mar-1978																		
Type of Institution	Co-education																		
Location	Semi-urban																		
Financial Status	Self financed and grant-in-aid																		
Name of the IQAC co-ordinator/Director	Dr T Robinson																		
Phone no/Alternate Phone no.	04422397914																		
Mobile no.	9940355399																		
Registered Email	iqac@mcc.edu.in																		
Alternate Email	robinson@mcc.edu.in																		
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)	<a href="http://mcc.edu.in/images/IQAC/AQAR/2015-16-AQAR.pdf">http://mcc.edu.in/images/IQAC/AQAR/2015-16-AQAR.pdf</a>																		
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://mcc.edu.in/images/Calender/Calendar-2016-2017.pdf">http://mcc.edu.in/images/Calender/Calendar-2016-2017.pdf</a>																		
<b>5. Accrediation Details</b>																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>A</td> <td>3.37</td> <td>2013</td> <td>05-Jan-2013</td> <td>04-Jan-2018</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	2	A	3.37	2013	05-Jan-2013	04-Jan-2018
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
2	A	3.37	2013	05-Jan-2013	04-Jan-2018														
<b>6. Date of Establishment of IQAC</b>	08-Jan-2004																		
<b>7. Internal Quality Assurance System</b>																			
<table border="1"> <tr> <td>Quality initiatives by IQAC during the year for promoting quality culture</td> </tr> </table>		Quality initiatives by IQAC during the year for promoting quality culture																	
Quality initiatives by IQAC during the year for promoting quality culture																			

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
National Institutional Ranking Framework	29-Nov-2016 311	7129
Annual Quality Assurance Report	30-Jan-2017 365	7129
Academic Audit	28-Feb-2017 16	7129
Students	20-Mar-2017 1	1369
MHRD All India Survey on Higher Education	03-Mar-2017 365	7129

L::asset('/', 'public/').'/public/index.php/admin/get\_file?file\_path='.encrypt('Postacc/Special\_Status/'. \$instdata->upload\_special\_status))}

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**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Mathematics Physics Plant Biology and Plant Biotechnology	DST	UGC	2013 5	9800000
Madras Christian College	College with potential for Excellence	UGC	2016 5	12500000

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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View Link](#)

**10. Number of IQAC meetings held during the year :**

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

No

Upload the minutes of meeting and action taken report

No Files Uploaded !!!

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

The College prepared the documents for the College with Potential for Excellence during the year 2016 to 2017 and was awarded the CPE status in 2016. The College submitted for National Institutional Ranking Framework (NIRF), however, the MHRD did not award any ranking in the year 2016 to 2017. The College also applied for the status of Special Heritage during the year 2016 to 2017. AQAR was also prepared during this period. All India Survey on Higher Education (AISHE) was also prepared and submitted during the year 2016 to 2017.

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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achivements/Outcomes
MCC Alumni Association 125th year reunion	Reinforcement of community bonding and fellowship
MCC Boyd Business School	Imparting of quality business education Offers Post Graduate Diploma in Management (PGDM) wit AIMA curriculum and AICTE recognition
New Washrooms in Lounge for Women	Better amenities for the women students
Modernization of Washrooms in Halls for Men	Better amenities for resident men in the campus
College with Potential for Excellence (CPE) status	CPE status for 5 years by UGC, New Delhi
Installation of Second Solar Power Plant	Funds from the USAID. The two solar power plants meet 50 per cent power demand of college
Barnes Hall (Third Hostel for Women)	Equity between the women and men resident halls on campus
Renovation of UG and PG Chemistry Labs	Provides better facilities for Chemistry instruction and research in the allied areas.
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**14. Whether AQAR was placed before statutory body ?**

No

**15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?**

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission	2017
Date of Submission	30-Mar-2017
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The College has ERP Management Information system/software which manages the entire Administration, Finance, campus operations, academic management and Exam Related activities in an efficient way. Software has 20+ modules and facilitates computerization of entire process from Students Admission to Students exit from the College. The Major activities performed in the ERP package are Students fees collection, issue of Transfer certificates , Elective Subject Selection, issue of hall tickets and entire Examination process, Finance, Staff Hr related activities, Library, Administrative operations, Attendance management and Academic monitoring by Web and many more. Modules Used at Present for Management Online Application and Admission Students Academic Management Online Individual Staff Attendance and Admin Attendance Online Elective Subject Selection Certificates Finance HR Library SMS Exam Office

### Part B

#### CRITERION I – CURRICULAR ASPECTS

##### 1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MPhil	3016	Mathematics	14/06/2016
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BA	TAMIL	17/06/1968	081TM5M05	15/06/2008
BA	HISTORY	20/06/1887	091HI4I01	15/06/2009
MA	POLITICAL SCIENCE	17/06/1963	122PS1M04	18/06/2012

MA	PUBLIC ADMINISTRATION	17/06/1985	152PA2E05	15/06/2015
BA	ECONOMICS	18/06/1900	081EC5M02	16/06/2008
BA	PHILOSOPHY	17/06/1867	081PL5M04	16/06/2008
BCom	COMMERCE	16/06/1969	121CO4M04	18/06/2012
MSW	SOCIAL WORK	19/06/1989	152SW4E01	15/06/2015
BSc	MATHEMATICS	19/06/1871	111MT5M02	20/06/2011
BSc	CHEMISTRY	20/06/1927	181CH6M02	16/06/2008
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## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MPhil	MATHEMATICS	01/08/2016
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### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	ENGLISH	14/06/2004
BA	TAMIL	14/06/2004
BA	HISTORY	14/06/2004
BA	HISTORY(VOCATIONAL)	14/06/2004
BA	POLITICAL SCIENCE	14/06/2004
BA	ECONOMICS	14/06/2004
BA	PHILOSOPHY	14/06/2004
BCom	COMMERCE	14/06/2004
BCom	COMMERCE(VOCATIONAL)	14/06/2004
BSc	MATHEMATICS	14/06/2004
BSc	STATISTICS	14/06/2004
BSc	PHYSICS	14/06/2004
BSc	CHEMISTRY	14/06/2004
BSc	PLANT BIOLOGY AND PLANT TECHNOLOGY	14/06/2004
BSc	ZOOLOGY	14/06/2004
MA	HISTORY	09/06/2003
MA	POLITICAL SCIENCE	09/06/2003
MA	ECONOMICS	14/06/2004
MSW	SOCIAL WORK	09/06/2003
MSc	CHEMISTRY	09/06/2003
MPhil	CHEMISTRY	11/06/2012
BA (Journalism)	JOURNALISM	09/06/2003

BSc	GEOGRAPHY TOURISM AND TRAVEL MANAGEMENT	13/06/2005
BSc	MICRO BIOLOGY	09/06/2003
BSc	VISUAL COMMUNICATION	09/06/2003
MSW	HUMAN RESOURCE MANAGEMENT	09/06/2003

### 1.3 – Curriculum Enrichment

#### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
DHRM	14/06/2004	85
DMLT	12/06/1989	10
DCA	13/06/1994	39
DJMC	12/06/2006	10
CFA	15/06/2015	5
CGD	11/06/2012	8
CECE	15/06/2015	2
FRENCH FOR BEGINNERS	10/06/2013	5
CSH	15/06/2015	5
MS OFFICE	11/06/2012	14
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#### 1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MA	ENGLISH	43
BCom	COMMERCE	69
MSc	CHEMISTRY	24
MSc	PHYSICS	26
MCA	COMPUTER APPLICATIONS	25
BCom	COMMERCE	121
BCom	A&F	52
BBA	BUSINESS ADMINISTRATION	119
MA	TAMIL	13
MA	HISTORY	33
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### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	No
Alumni	Yes

Parents

No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

#### Feedback Obtained

The IQAC organizes and collects feedback from the graduates every year when they come back to the college during for 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. Students are asked to rate on a four point scale the department and the extent of course coverage in their degree programmes. The feedback also includes questions on values imbibed (in terms of knowledge, concepts, analytical abilities and broad perspectives, clarity and relevance of textual material, library sources) and extent of effort required by students. Any serious issue expressed in the feedback is brought to the knowledge of college authorities and in turn addressed to the Heads of the Departments. Secondly, the IQAC circulates questionnaires to students of all academic departments every year to assess the teaching and learning process. These questionnaires are based on student satisfaction survey on teaching-learning process as recommended in NAAC criterion. The questions include syllabus coverage by teachers, teaching ability and communication skill. There are questions pertaining to assessment procedure and teachers' mentoring role to identify the strengths and weaknesses of students. The questions include how best the teaching methods are student-centric and innovative Students are also asked to give their feedback on how best soft skill, life skill and employability skills are nurtured in the institution. Overall teaching quality and effectiveness in usage of ICT in classrooms are expected to be indicated by students. Students provide a descriptive feedback on observations made by them to improve overall teaching-learning experience in the institution. The feedback is done through Google Forms sent online. Another method of evaluating performance is the examination results (pass percentage) of students to assess the courses handled by faculty members. The higher pass percentage reveals a higher quality of teaching-learning process in the institution.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BA	HISTORY	43	390	45
BA	POLITICAL SCIENCE	70	567	68
BA	ECONOMICS	70	672	74
BA	PHILOSOPHY	35	146	34
BA	TAMIL	70	164	69
BA	ENGLISH	70	1384	70
BCom	COMMERCE	70	4689	72
BSc	MATHEMATICS	70	1379	70
BSc	STATISTICS	50	374	52
BSc	PHYSICS	50	1547	50

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## 2.2 – Catering to Student Diversity

### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2016	1863	612	80	25	213

## 2.3 – Teaching - Learning Process

### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
318	318	17	102	16	11

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The college endorses the functioning of mentoring system in every academic department. Students in the first year of undergraduate and post graduate courses are allocated to the faculty of respective departments as in order to facilitate guidance and counselling which seeks to enhance their personal growth. As of now, the mentor-mentee ratio of the institution is 21:1. The initiative helps build a student-centric environment which looks into not only the academic accomplishments of the students, but also their personal life. Every faculty member is expected to assess the progress of their students through periodic meetings. It also serves as a platform to gather information on the grievances of students both at the personal and academic levels. Moreover, it reemphasizes the importance of student-teacher relationship with a cosmopolitan character by transcending the barriers of age, sex, religion, culture, nationality and so forth. The system also enables a better coordination between the faculty and the parents/guardians of the students in their overall development.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
6811	312	1:22

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
313	312	1	29	130

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017	Dr. S. Sathasivam	Assistant Professor	'IlakkiaVenthana' by Madhavi Literary Society, Singapore

2016	Dr T. Johnson Sampathkumar	Associate Professor	'Beacon of the Light Award' from Dr. M. J. John Foundation, Louisiana, United States of America
2017	Dr T. Johnson Sampathkumar	Associate Professor	Best Citizen of India Gold Medal Award' from Global Economic Progress and Research Association, New Delhi
2016	Dr. D. Arul Samraj	Associate Professor	Awarded 'Loyola Environmental Award, Loyola College
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## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester- end/ year- end examination
BA	DU01	2016	19/11/2016	06/01/2017
BA	DU03	2016	19/11/2016	06/01/2017
BA	DU04	2016	19/11/2016	06/01/2017
BA	DU05	2016	19/11/2016	06/01/2017
BA	DU06	2016	19/11/2016	06/01/2017
BA	DU07	2016	19/11/2016	06/01/2017
BCom	DU08	2016	19/11/2016	06/01/2017
BSc	DU10	2016	19/11/2016	06/01/2017
BSc	DU11	2016	19/11/2016	06/01/2017
BSc	DU12	2016	19/11/2016	06/01/2017
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
1	13929	0.0001

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://mcc.edu.in/index.php/courses-offered/program-outcomes>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
DU01	BA	HISTORY	24	11	Nil
DU03	BA	POLITICAL SCIENCE	58	40	Nil
DU04	BA	ECONOMICS	60	28	Nil
DU05	BA	PHILOSOPHY	18	13	Nil
DU06	BA	TAMIL	47	37	Nil
DU07	BA	ENGLISH	64	54	Nil
DU08	BCom	COMMERCE	69	69	Nil
DU10	BSc	MATHEMATICS	64	50	Nil
DU11	BSc	STATISTICS	46	35	Nil
DU12	BSc	PHYSICS	47	38	Nil

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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://mcc.edu.in/index.php/offices-centres/offices/quality-assurance-cell>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

<b>Yes</b>
Name of the teacher getting seed money
<b>Dr .A. Annadurai</b>
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr R.W. Alexander Jesudasan, Principal	Visiting Professor	20/06/2016	Liverpool Hope University, U.K
International	Dr. D. Gnanaraj Thomas and Dr T.	Research collaboration with Prof.	20/06/2016	University of Trier

	Robinson, Department of Mathematics	Henning Fernau and his team at Department of Computer Science, University of Trier, Germany		
International	Dr. V. Barla, MCC Boyd Business School	Academic and Research collaboration with visited Liverpool Hope University, U.K	20/06/2016	Liverpool Hope University, U.K
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### 3.2 – Resource Mobilization for Research

#### 3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1080	DBT-SERB	4581307	1698025
Students Research Projects (Other than compulsory by the University)	365	TNSCST	0.1	0.1
International Projects	365	TNSCST	0.1	0.1
International Projects	365	TNSCST	0.1	0.1
International Projects	1080	UBCHEA	1324301	794581
Nil	365	UBCHEA	263835	263835
Nil	365	UBCHEA	389790	389790
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#### 3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

15
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### 3.3 – Innovation Ecosystem

#### 3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
NIL	NIL	Nil
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#### 3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category

NIL	NIL	NIL	Nil	NIL
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nil
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**3.4 – Research Publications and Awards**

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
ENGLISH	2
TAMIL	5
POLITICAL SCIENCE	2
ECONOMICS	4
PHILOSOPHY	2
COMMERCE	5
MATHEMATICS	1
STATISTICS	2
CHEMISTRY	2
ZOOLOGY	7

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	COMMERCE	16	Nil
National	ZOOLOGY	1	Nil
National	BOTANY	5	Nil
International	SOCIAL WORK (AIDED)	1	Nil
International	MATHEMATICS	6	Nil
International	PHYSICS	3	Nil
International	CHEMISTRY	4	Nil
International	BOTANY	1	Nil
International	ZOOLOGY	4	Nil
International	MICROBIOLOGY(SFS)	1	Nil
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
ENGLISH	5
HISTORY	7

POLITICAL SCIENCE	11
COMMERCE	7
SOCIAL WORK	4
BOTANY	1
COMMERCE SFS	1
GEOGRAPHY SFS	1
SOCIAL WORK SFS	2
VISUAL COMMUNICATION SFS	1
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#### 3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
NIL	Nil	Nil	Nil
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#### 3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Invitro effectiveness of HCG on the induction of steroidogenesis in the oocyte of Cirrhinus mrigala	Saravanan N, Uma T, JothiNarendiran N. and Inbaraj RM. 2016.	J.Adv.Res. Biol.Sci.	2016	1	Madras Christian College	1
Overhead tank is the potential breeding habitat of Anopheles stephensi in an Urban transmission setting in Chennai.	Shalu Thomas, Sangamithran, Johnson A Justin, AswinAsokan, Manu T Mathai, NeenaValecha, Matthew B Thomas, Alex Eapen	Malaria	2016	12	Madras Christian College	12
A new jumping spider of the Genus Stenaelurillus Simon,	John TD Caleb, Manu Thomas Mathai	Zootaxa	2016	7	Madras Christian College	7

1886 from India(Araneae: SalticidaeAelurilinae)						
Resting and feeding preference of Anopheles stephensi in an urban setting perennial for malaria.	Shalu Thomas, Sangamithran, NAvishankaran, NA Johnson Amala Justin, AswinAsokan, Manu Thomas Mathai, NenaValecha, Jacqui Montgomery, Matthew B Thomas, Alex Eapen	Malaria	2017	7	Madras Christian College	7
Larvicidal activity of fractions of Sphaeranthus indicus Linnaeus (Asteraceae) ethyl acetate whole plant extract against Aedes aegypti Linnaeus 1762, Anopheles stephensi Liston 1901 and Culex quinquefasciatus Say 1823 (Diptera: Culicidae)	Subramanian Arivoli, Samuel Tennyson, Manickam Jayakumar, Balasubramanian Senthilkumar, Marimuthu Govindarajan, Ranganathan Babujan arthanam and Selvaraj Vijayana nd. 2016.	International Journal of Mosquito Research	2016	4	Madras Christian College	4
Laboratory evaluation of Asteraceae species Ta	Murugesan Sakthivel, Palani Gunasekaran, Gyurme	International Journal of Mosquito Research	2016	2	Madras Christian College	2

geteserect a Linnaeus and Tridax procumbens Linnaeus for their toxicity against the larvae of Culexquinquefasciatus Say 1823 (Diptera: Culicidae)	Tenzin, Th anikachala mSaravanan , Subraman ian Arivoli, John William and Samuel Tennyson. 2016.					
Laboratory evaluation of two Meliaceae species as larvicides against Culexquinquefasciatus Say (Diptera: Culicidae)	Murugesan Sakthivel, Than ikachalamS aravanan, Gyurme Tenzin, Ma nickkamJay akumar, Su bramanian Arivoli and Samuel Tennyson. 2016.	Vector Biology Journal	2016	5	Madras Christian College	5
Larvicidal and pupicidal efficacy of plant oils against Culexquinquefasciatus Say 1823 (Diptera: Culicidae)	Manickkam Jayakumar , Subraman ian Arivoli and Samuel Tennyson. 2016.	Journal of Entomology and Zoology Studies	2016	2	Madras Christian College	2
Phytonanopesticides for vector control: A review.	Samuel Tennyson, Subramania nArivoli Arivoli and John William	Journal of Applied Zoological Researches	2016	7	Madras Christian College	7
Larvicidal and repellent potential of Zingiberimmonii(	Marimuthu Govindara jan, Mohan Rajeshwary , Subraman ian Arivoli,	Parasito logy Research	2016	30	Madras Christian College	30



J. Graham) Dalzell (Z ingiberace ae) essential oil: an ec o-friendly tool against malaria, dengue and lymphatic filariasis mosquito vectors.	Samuel Tennyson and Giovan iiBenelli					
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Ceropegiaravikumariana (Apocynaceae: Ceropegieae), a new species from the Western Ghats of Tamil Nadu, India	Kambale. S.S. and G. Gnanasekaran	Rheedea	2016	8	0	Madras Christian College
Resurrection of the genus Haplanthus (Acanthaceae: Andrographinae)	G. Gnana sekarn, G.V.S. Murthy and Y.F. Deng	Blumea	2016	19	0	Madras Christian College
Barleria durairajii (Acanthaceae), a new species from Tamil Nadu	K. Ravikumar, K., D. Narasimhan, K. Devanathan, K. and G. Gnana sekaran	Rheedea	2016	8	0	Madras Christian College
Reinstatement and Lectotypification of Andrographis gracilis	G. Gnana sekaran G, E.S. Santhosh Kumar and G.V.S.	Journal of Japanese Botany	2016	13	0	Madras Christian College

(Acanthaceae), a Lesser Known Endemic Species from Southern Western Ghats, India	Murthy						
Role of triton X-100 and hydrothermal treatment on the morphological features of nanoporous hydroxyapatite nanorods	E. Iyyappan, P Wilson, K. Sheela, R. Ramya	Material Science and Engineering C	2016	95	19	Madras Christian College	
The role of p-linkers in tuning the optoelectronic properties of triphenylamine derivatives for solar cell applications - A DFT/TDDFT study	M. Panneerselvam, A. Kathiravan, R. Vijay Solomon, M.Jacob	Phys.Chem. Phys.	2016	187	3	Madras Christian College	
A spectroscopic approach with theoretical studies to study the interaction of 9-Aminoacridine with certain phenols	C. Manivannan, R. Vijay Solomon, P. Venuvalingam, R. Renganaathan	Z. Phys. Chem	2017	44	0	Madras Christian College	
Electrocatalytic I	T. Manovah	Journal of Electro	2017	235	3	Madras Christian	

Investigation of Group X Metal Nano particles Loaded TiO <sub>2</sub> Nanotubes Powder Prepared by Rapid Breakdown Anodization for Selective H <sub>2</sub> O <sub>2</sub> Sensing	David, P. Wilson, V. Manju, A. Palaniappan, P. Sagayaraj, and C.Ramesh	Chemical Society				College
Vacancy defects and defect clusters in alkali metal ion-doped MgO nanocrystals studied by positron annihilation and photoluminescence spectroscopy	S. Sellaiyan, A. Uedonok. K. Sivaji. Janet Priscilla J. Sivasankari, Selvalakshmi	Applied physics A	2016	132	0	Madras Christian College
Study of PVAc-PMMA-LiCl polymer blend electrolyte and the effect of plasticizer ethylene carbonate and nanofiller titanium on PVAc-PMMA-LiCl polymer blend electrolyte	M V Leena Chandra, S Karthikeyan, S Selvasekarapandian, M Premalatha, and S Monisha	Journal of Polymer Engineering	2016	21	1	Madras Christian College

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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Semi	59	63	0	0

nars/Workshops				
Presented papers	59	63	0	0
Resource persons	13	16	21	44
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### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Dr.W. Lawrence S. Prabhakar, Department of Political Science	Research Consultancy Work of Naval War College	Army War College, Mhow	0
Dr.W. Lawrence S. Prabhakar, Department of Political Science	Research Consultancy Work of Naval War College	National Maritime Foundation, Defence Services Staff College, Wellington, Nilgiris District	0
Dr.D. Prince Annadurai Department of Social Work	On draft of the Tamil Nadu Juvenile Justice Rules - 2016	Change India, a NGO working for Child Protection, held at SOS Childrens Village, East Tambaram	0
Dr.PrinceAnnadurai Department of Social Work	Base- Line evaluation of international citizen service programme in Vellore, Kancheepuram and Thiruvallur Districts of Tamil Nadu"	Students Partnership Worldwide India Project Trust, Restless Development, Chennai	0
Dr. B. Prince Solomon, Department of Social Work	Capacity Building Programme	Irular Welfare Project 'AbdulKalampuram' in Cheyyar, Subdivision of TiruvannamalaiDist at Meesanallur Village, VandavasiTaluk	0
Mr. S. Sudharsan, Department of Social Work	Status of released Bonded Labourers in Thiruvalluvar, Vellore, Thiruvalluvar Districts of	International Justice Mission	0

	TamilNadu		
Rev Dr. V.M. Spurgeon, Department of Philosophy	Contacting Attorneys in India	United Board for Christian Higher Education in Asia	0
Dr P. HanumanthaRao, Department of Microbiology, SFS	Technical Expert for the audit scheduled at Kaleesuway refinery Limited	TUV SUD South Asia Pvt. Ltd., Andheri (E)	0
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### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
NIL	NIL	NIL	0	0
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### 3.6 – Extension Activities

#### 3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
National Youth Leaders Programme	NSS and Madras Christian College	2	10
International yoga day	NSS and Madras Christian College	0	13
Walkathon	NSS and SwachhBharathAbhiyan	1	29
SwachhBharathAbhiyan	NSS and Madras Christian College	2	100
Traffic Control Program	NSS and RTO office, Tambaram	3	100
Blood Donation Camp	NSS and Bank of Baroda.	1	5
Green Kalam Rally	NSS and Queen Marys College, Chennai	1	30
Tree Plantation Programme in AnnaiAngugam Nagar	NSS and SaiPrasanna Foundation	2	45
Rally On Women Safety	NSS and Madras Christian College	3	60
Clean India Campaign (Swachh BharathAbhiyan)	NSS and Government of India	3	150

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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
National Service Scheme	IV position Cash Award under the scheme of National Youth Leaders Programme	NSS amongst all the colleges of University of Madras	0
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Health Camp	MCC FLI and Tanker Foundation along with NSS and NCC	Kidney Camp	1	20
Health Camp	MCC FLI and COSH hospital along with NSS and NCC	Ortho camp	1	20
Health Camp	MCC FLI and Rajan Eye Hospital	Eye camp	1	10
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
International Collaboration with Brethren College Abroad, USA, for student exchange to Department of Social Work, MCC	Brethren College Abroad, USA	Brethren College Abroad, USA	150
Lecture Zoology	Davidson College, North Carolina, Dr.Chris Paradise	Davidson College, North Carolina	90
International Collaboration with Flinders University, South Australia for student exchange to Department of Social Work, MCC	Flinders University, South Australia	Flinders University, South Australia	60
International	University of	University of	120

Collaboration with University of South Australia, South Australia for student exchange to Department of Social Work, MCC	South Australia, South Australia	South Australia, South Australia - ISEP scholarships	
Research	CSIR-Central Electro Chemical Research Institute, Karaikudi - 630003.	DST-SERB	1080
International Collaboration with Brethren College Abroad, USA, for student exchange to Department of Social Work, MCC	Brethren College Abroad, USA	Brethren College Abroad, USA	120
The Consortium works for "Bridge the World. Connect for Peace. Act for Justice."- BCA Study Abroad program	Juniata College, Huntingdon, Pennsylvania, United States in collaboration with	Juniata College, Huntingdon, Pennsylvania, United States	365
Promotion and cooperation in education and scientific research	The Regents of the University of Michigan	The Regents of the University of Michigan	365
Academic exchange and cooperation program in education and research	Leibniz University of Hanover	Leibniz University of Hanover	365
Facilitation of International exchange of education and developmental programs	SungKongHoe University	SungKongHoe University	365
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Field Work and Research Project	Field Work Internship and Research Project	Restless Development - India, Chennai	13/06/2016	05/05/2017	2

		Delhi offices			
Field Work and Research Project	Field Work Internship and Research Project	Action Aid, India, Chennai	13/06/2016	05/05/2017	3
Field Work and Research Project	Field Work Internship and Research Project	National Institute for Research in Tuberculosis (NIRT), Chennai	13/06/2016	05/05/2017	2
Field Work and Research Project	Field Work Internship and Research Project	Aide et Action, India - Chennai	13/06/2016	05/05/2017	2
Field Work and Research Project	Field Work Internship and Research Project	International Justice Mission, India - Chennai	13/06/2016	05/05/2017	3
Field Work and Research Project	Field Work Internship and Research Project	Tamil Nnadu Slum Clearance Board - Chennai	13/06/2016	05/05/2017	3
Field Work and Research Project	Field Work Internship and Research Project	YRG Care - Voluntary Health Service, Adayar - Chennai	13/06/2016	05/05/2017	3
Field Work and Research Project	Field Work Internship and Research Project	SCARF - Chennai	13/06/2016	05/05/2017	4
Field Work and Research Project	Field Work Internship and Research Project	Kilpauk Medical College, Chennai	13/06/2016	05/05/2017	2
Field Work and Research Project	Field Work Internship and Research Project	Southern Railway Hospital - Chennai	13/06/2016	05/05/2017	5
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Leibniz	20/06/2016	To develop an	1



University of Hanover		academic exchange and cooperation program in education and research	
BCA Study Abroad	03/11/2016	Study abroad program and academic collaboration	11
Davidson College	05/04/2017	Students and Faculty members exchange program	11
Korea Foundation	22/07/2016	To support Korean Language program	Nil
Pennsylvania Centre for International Exchange and Partnership	18/02/2017	International student and faculty exchange, study abroad programs and create service learning, internship, community service and volunteer programs	Nil
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#### **CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES**

##### **4.1 – Physical Facilities**

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
65500000	61943530

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
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## 4.2 – Library as a Learning Resource

### 4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
INSPROPLUS	Fully	6.1	2012

### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	10675	266875	325	98890	11000	365765
Reference Books	483	12095	162	40500	645	52595
e-Books	322	34150	0	0	322	34150
Journals	140	35000	0	0	140	35000
e-Journals	697	34150	0	0	697	34150
Digital Database	4	34150	0	0	4	34150
CD & Video	377	59550	0	0	377	59550
Library Automation	1	10000	0	0	1	10000
Others(s pecify)	15	7000	5	2500	20	9500
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### 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Details Enclosed	NPTEL Institutional Repositories of MCC	Bandicam Software	03/07/2017
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## 4.3 – IT Infrastructure

### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1006	17	1006	20	10	170	481	1	355
Added	109	0	109	0	0	10	90	0	9
Total	1115	17	1115	20	10	180	571	1	364

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Bandicam Software Smart Classrooms Seminar Hall Computer Centre in Library	<a href="http://www.mcc.edu.in/e-content.html">www.mcc.edu.in/e-content.html</a>

**4.4 – Maintenance of Campus Infrastructure**

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
25870600	27693966	11087400	11868842

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

The college campus spans over 320 acres and boasts a comprehensive infrastructure, installations, and equipment, all managed by the Estate office. The Estate office follows preventive and post-maintenance policies, conducting regular checks and attending to emergencies to ensure the campus functions smoothly. Maintenance requirements and grievances are registered with the Estate office, which is overseen by the Estate Manager reporting to the Bursar. The Estate Manager is supported by a team of electrical supervisors, civil supervisors, electricians, carpenters, plumbers, clerical assistants, sanitary workers, campus workers, sweepers, and gardeners. Housekeeping for restrooms and classrooms is outsourced to trained personnel. The science laboratories, classrooms, and library operate from 8 am to 6.15 pm on working days. Adequate laboratory assistants support the Science Departments, responsible for maintaining the Physics, Chemistry, Botany, Zoology, and computer laboratories. Air conditioners, computers, and network facilities are maintained through AMC or serviced as needed, and damaged equipment is discarded. The library is managed by the Librarian, who coordinates with the Estate Manager and System Administrator for regular maintenance. RFID technology facilitates inventory management, while pest control measures are implemented regularly. The campus boasts a state-of-the-art sports complex, funded partly by the UGC. It features a well-ventilated indoor stadium with facilities for basketball, shuttle badminton, and volleyball, making it suitable for both national and international competitions. Power generation and energy conservation are prioritized, with buildings connected to a 1000 kVA transformer and two 250 kVA generators, ensuring uninterrupted power supply. Additionally, two solar power plants generate a substantial amount of electricity each month. Water supply is maintained by nine Reverse Osmosis (RO) water dispensers, two large overhead tanks, and various wells. Efficient sewage treatment is carried out on campus, where waste is segregated, and water is repurposed for irrigation. Medical facilities include a clinic with a Medical Officer and Resident Nurse on campus, along with a network of local hospitals providing ambulance services during emergencies. Rainwater harvesting is widespread across the campus, with 66 wells harvesting a significant amount of rainwater, contributing to 1/3rd of the colleges water consumption. Ample parking facilities are available for students, staff, residents, and visitors. Security operations are outsourced, managed by 40 security guards supervised by Assistant Security Officers, with

CCTV surveillance at the main entrance and library. The newly constructed Students Centre replaces the old cafeterias and offers a modern space for catering services, providing a variety of food items for students from different states and countries. The building is designed with sustainability in mind, featuring green spaces, dining areas, and exclusive zones for teaching staff, ensuring a comfortable environment for all.

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Department Scholarship, General Scholarship, Missionary Scholarship	177	520992
Financial Support from Other Sources			
a) National	SC/ST/CAD/BC/MBC/DNC/Prize Money/Freeship	3626	3615785
b) International	IM Mathai Fund	4	28831
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#### 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Language Lab	12/06/2012	3408	Nil
Personal Counselling	12/06/2013	171	Nil
Soft Skill Development	12/06/2006	626	Re - energetics Consulting - Singapore
Mentoring(SFS)	13/06/2016	1015	Nil
Bridge Course	10/06/2013	61	Nil
Remedial Coaching	10/06/2008	0	Nil
Yoga and Meditation	13/06/2005	160	Nil
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#### 5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling	Number of students who have passed in the comp. exam	Number of students placed

			activities		
2016	Coaching for NET	35	0	7	0
2016	Enter into Services	171	0	5	0
2016	Career Counselling	0	1838	0	317
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	0

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Corporate	1476	317	Nil	0	0
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2016	742	UG/PG	All departments	Nil	PG/MPhil/Ph.D/B.Ed./M.Ed.
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	2
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Athletics	Hall Meet	151
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## 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for	Number of awards for	Student ID number	Name of the student
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			Sports	Cultural		
2016	Nil	National	Nil	Nil	Nil	Nil
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The College Union Society is headed by the Principal as its President, assisted by two members of staff appointed by the Senatus of the College, one as Vice-president and the other as Staff Advisor to guide and support the College Union Society. The student office bearers consist of the Student Chairman and Student Secretary who are the formal representatives of the College Union Society along with six Convenors who undertake the responsibility of the various activities in College. The College Union Council consists of the President, the Vice President, the Staff Advisor, and the elected College Union Society Student Chairman, Student Secretary and Student Conveners. The Students' Council consists of Elected Representatives from the Academic Departments (Excluding the Departments that do not offer regular UG/PG Courses) of the College. The Chairman and Secretary of the College Union Society are elected by the entire student body of the College from among the Elected Representatives from the Academic Departments. Brief and Functions of the students Council: 1) The Students' Council may discuss any matter pertaining to the welfare of the students. 2) The Students' Council may consider any matter referred to it by the President and the Student Conveners. 3) The Students' Council may make recommendations to the Associations, Societies and any other Units/Organizations, recognized by the College. The Students' Council may make recommendations directly to the President. 4) The College Union Cabinet shall meet periodically, but shall meet at least once a month. College Auditions: Being the very first event hosted in the Madras Christian College, the College Auditions seeks to identify various talents and abilities of students in the college through a series of enjoyable yet tough competitions focusing on cultural as well as literary and debating events. It is an opportunity for all those students to showcase their talents, whether it is on stage or off stage. Aurora: Aurora is a one day inter-hall, inter-departmental cultural event organised exclusively for the women students of Madras Christian College since 2014. It aims to serve as a platform for girls to portray their unique talents and abilities both on as off stage. Theatre Night :Theatre night is a two day extravagant display of drama and theatre in the Madras Christian College, conducted by a group of uniquely talented artists on and off the stage, which aims at promoting the art of theatre, giving each individual the space to grow and learn in the course of its preparation for a career in theater. Deepwoods: An inter-collegiate festival conducted in the Madras Christian College every year since 1980. The three day event attracts participants from various colleges across Chennai and other parts of India. Deepwoods offers an array of exciting events ranging from music to dance, debates and arts. Some of the highlights of the fest include an Electronic Dance Music (EDM) night fuelled by the energy of a diverse crowd, a Rock show headlined by India's leading bands, and a light music performance bringing with it an evening of euphonious melodies.

## 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words): Yes The Madras Christian College Alumni Association, one of the oldest in India was formed in 1891 with the objective of fostering long term relationships among the alumni in institutional

building. Departments of the College conduct reunions. The College initiated a unique program named "Distinguished Alumni Series" to honor and felicitate alumni distinguished themselves in their field. Many of the alumni of our college are today in good positions in top organizations in the country and abroad. Some of them come forward on a regular basis to meet the students and offer career counselling and advice. The Practice: The Alumni chapters meet at various places all over the globe and have a reunion reminiscing the past. The alumni are invited for lectures by various departments to give students a picture of the industry and latest developments in their field. The Alumni Association is involved in conducting the Christmas carol concert every year in December. The Executive committee of MCC Alumni Association meets to transact business concerning alumni of the College and also developmental works of their alma maters. Over the years the association has supported many noble causes of the college. Alumni are involved in the Board of Directors and Board of Studies. Evidence of success: Around 1500 Alumni from across the globe, from various streams of life came together in July 2013 for an historic event called "Global Alumni Reunion". This Reunion was again held in 2016, to commemorate the 125th year of the Association, where almost 2000 alumni participated and relived their student lives here on campus. The Alumni of the college have also contributed to the development of Infrastructure on the campus. In 2016, the Physics and Chemistry laboratories were renovated with sponsorship from our Alumnae Ms. Indra Nooyi of the BSc Chemistry 1974 Batch. Ms. Indra Nooyi also funded the renovation and modernization at MacNicol lounge for women faculty and students. Ms. Chandrika Tandon, an alumnae of the College has set up a corpus fund of (Rs. 6.00 Crores) for establishment of MCC Boyd Business School. Dr. Raman, an alumnus contributed Rs. 35,00,000 to equip the MCC Community College. The family of Late Eric Prabhakar, an Olympion donated Rs. 25,00,000 towards corpus for scholarship. Shri Suresh Krishna, Chairman, TVS Sudaram Fastness Ltd., an alumnus of the college has donated Rs. 1.08 Crores for airconditoning of the auditorium of Anderson Hall. MRF Ltd has donated Rs. 22 Lakhs to install a lift in the College Campus. The Alumni have significantly contributed to endowment funds, scholarships and prizes for the students of our college. Many of the alumni of our college are today in good positions in top organizations in the country and abroad. Problems encountered and resources required: Since the Alumni are scattered all over the globe it is quite difficult to organise get together more frequently. In spite of this difficulty they do meet among their batches at least once a

5.4.2 – No. of registered Alumni:

4396

5.4.3 – Alumni contribution during the year (in Rupees) :

2307331

5.4.4 – Meetings/activities organized by Alumni Association :

**MEETING:** • Executive committee Meeting • Annual General Body Meeting  
**ACTIVITIES:** • Beginning from 1997, the MCC Alumni Association has been organizing the Annual Christmas Carol Concert in which a large number of leading choirs provide a musical treat for two consecutive days in December every year. Close to 1000 people attend this event. • The association conducts the annual old boys cricket match in the second Saturday of February every year in the MCC Sports grounds. • The Association also had its 125th year celebrations in the year 2016 which witnessed around 1500 alumni from across the globe revisiting the College. • Illustrious alumni of the College are honored from time to time by the Association in its Distinguished Alumni Series. All these programs have been webcast for the benefit of those who could not come to attend these events.

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The Institution practices decentralisation and participative management in areas of finance with budget preparation and in the recruitment of faculty.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

### 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	Several Departments made changes in their syllabus to keep abreast with changes in the Industry. Departments that made changes include Political Science, Public Administration, Economics, Social Work and Mathematics
Teaching and Learning	The Institution provides the required facilities to ensure that the teaching and learning methods are effective. LCD Projectors, laptops and software like SPSS and Tally are provided to the Departments. 16 classrooms are equipped with smart boards
Examination and Evaluation	Examination reforms introduced in this year include a new answer book
Research and Development	The College encourages Research and Development through the Research and Development Deanery. The Faculty is involved in research and development extensively. The Institution has a large number of research projects, both minor and major from Government bodies and Private institutions both in the country and abroad.
Library, ICT and Physical Infrastructure / Instrumentation	A 500KWP solar power plant has been launched which will contribute to nearly 50
Human Resource Management	Faculty development workshop for the faculty was organized. The staff are encouraged to attend orientation and refresher programs. Enlightenment Enclave, a new forum to enlighten students and faculty on the latest topics emerging relevant to education and academics was organized. Individual and Group counseling services were conducted for teaching, non-teaching staff, parents and students.
Industry Interaction / Collaboration	Organizations like TCS, CTS, Wipro,



IBM, Deloitte US India, Daimler, Mckinsey, Ernst and Young, Zoho, Vijay TV, Thompson and Reuters, Citibank, Royal Bank of Scotland, Infosys, Hexaware, Sutherland, Enoah Solutions, Foxonn etc. have conducted campus interviews and about 319 students have been placed. Experts from these organizations have been resource persons for various programs organized by the College.

**Admission of Students**

The College widely publicizes admission to the College through the institutions website and by extensive advertisements in regional and national newspapers. A centralized admission process with updated software for efficient processing of application forms has been introduced. Admissions are made as the reservation policy of Tamil Nadu and the Government of India. The College does not collect any capitation fee for admissions thereby ensuring quality intake of students.

**6.2.2 – Implementation of e-governance in areas of operations:**

E-governance area	Details
<p><b>Planning and Development</b></p>	<p>The process of planning and development is carried out effectively by using Information and Communication Technology to exchange between the Head of the Institution / Department / Units and the Faculty. This ensures that decisions can be taken quickly and successfully.</p>
<p><b>Administration</b></p>	<p>Through E Governance, the Institution is able to interact with all stakeholders in a convenient and efficient manner. The activities of various Departments are well coordinated and implemented with the use of technology. The Institution also maintains personal information and records of the employees.</p>
<p><b>Finance and Accounts</b></p>	<p>All activities relating to finance and accounts have been computerized. Accounting software, Tally is used to keep track of all financial transactions.</p>
<p><b>Student Admission and Support</b></p>	<p>The Admission process begins with advertisements in newspapers, through social media and the College website. All applications can be purchased and submitted online. Admission fees are collected online. The entire admission process is centralized with the help of</p>

	e governance. The attendance of students is also maintained online.
<b>Examination</b>	The Examination office is equipped with computers and software. The results are declared online. Students can apply for their examination and pay the fees online.

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2016	Jaba Priya	International Journal of Scientific and Modern Education	NIL	750
<a href="#">View File</a>				

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2016	Understanding the Times organised by Staff Study Circle	NIL	14/06/2016	14/06/2016	160	Nil
<a href="#">View File</a>						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course	3	20/05/2016	09/06/2016	21
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time

64	62	0	6
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### 6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
EPF, UTI Pension Scheme, Group Insurance Scheme, Government Health Insurance Scheme, Special Provident fund, Contributory Pension Scheme, Teachers Provident Fund, Employees State Insurance Scheme, Employees Group gratuity Scheme, UTI Retirement Benefit pension fund, Cooperative Thrift Credit Society, Fee Concession Campus Clinic and Medical Checkup, Exgratia Tea and Coffee during break time, Childrens Park	EPF, UTI Pension Scheme, Group Insurance Scheme, Government Health Insurance Scheme, Special Provident fund, Contributory Pension Scheme, Teachers Provident Fund, Employees State Insurance Scheme, Employees Group gratuity Scheme, UTI Retirement Benefit pension fund, Cooperative Thrift Credit Society, Fee Concession Campus Clinic and Medical Checkup, Exgratia Tea and Coffee during break time, Childrens Park	Scholarships (Government and Management, Campus Clinic, Cafeteria, RO Water, Restrooms, WiFi

## 6.4 – Financial Management and Resource Mobilization

### 6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Yes, The Institution conducts periodical internal and external financial audits. The Institution has a full time Bursar who is ably assisted by a well established office with staff to ensure the maintainence of accounts. The accounts of the Institution is annually audted by a qualified chartered accountant and experienced audit personnel.
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### 6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Department of History	125000	Faculty Special Prize- History
<a href="#">View File</a>		

### 6.4.3 – Total corpus fund generated

2722668
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## 6.5 – Internal Quality Assurance System

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

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

### 6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Orientation Program : The College invites the student and their parents / local gaurdians to the orientation program that is organised on the first day that the student joins the College. This program orients the students and the
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parents on the programs and extra curricular activities that are offered by the College. A tour of the campus also gives them a glimpse of the beautiful heritage of the College. College and Department Programs: The parents are invited for various programs organized by the College and the Departments. Some of the programs include Department fests, farewells, convocation etc. Parent Teacher Interactions : The parents of students are kept informed through mentors or the head of the Department of the academic performance of their wards. Parents are also notified of the attendance percentage every month. Any other behavioural and attitudinal issues are also brought to the attention of the parents

#### 6.5.3 – Development programmes for support staff (at least three)

Workshop / Lecture on Empowering women by fostering Entrepreneurial Skills on April 15, 2017 ETEL ( Empowerment through English Language) 2 January 2017 Support Staff Fellowship – Life Counselling : The purpose of Life (Monthly) Festival and Farewell Celebrations

#### 6.5.4 – Post Accreditation initiative(s) (mention at least three)

Recruitment of Teachers in the Aided Stream Upgradation of Physics Chemistry laboratories Water Purifiers in nine places in the campus College with Potential for Excellence

#### 6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

#### 6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2016	Enlightenment Enclave	09/09/2016	09/09/2016	19/09/2016	70
<a href="#">View File</a>					

### CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

#### 7.1 – Institutional Values and Social Responsibilities

##### 7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Inauguration of a new Women's hostel in campus	20/06/2016	Nil	270	126
Gender and Islam	01/10/2016	Nil	36	28
Gender sensitization programme was conducted, and	06/03/2017	Nil	50	50

the talks were delivered by Dr.Deepa Alexander, Senior Assistant Editor, The Hindu spoke on Gender and Media, Professor.Hemalatha, Former director of CWS, Anna University spoke on Importance of Gender				
Movie Screening and discussion: "Pink"	06/03/2017	Nill	50	50
Special Lecture on Uniform Civil Code commemorating International Women's Day by Mrs. Sheila Jayaprakash a reputed High Court Lawyer.	06/03/2017	Nill	40	35
Talk on "Women empowerment and rights"	07/03/2017	Nill	50	50
Sangamam Womens Day Celebration among Irular community, Annai Satya Nagar, Kancheepuram District. "Munnethrathirkaga Munneru"	10/03/2017	Nill	90	0
Special lecture by Women and Human Rights by Dr. Deepthi Sukumar	20/03/2017	Nill	40	35
Special lecture on Women's Movements in	21/03/2017	Nill	40	35



2016	4	3	13/06/2016	330	Awareness program	.Scrub Society' was involved in spreading awareness and pruning of a woody climber, Ventilago madraspatana, which pose a big danger to the avenue trees on campus.	50
2016	Nill	Nill	02/12/2016	1	"Vardha" Cyclone (Natural Calamity)	The College is known for its sprawling campus with 90 green cover. Many trees were lost in the College campus because of 'Vardha'.	600
2016	Nill	Nill	14/06/2016	1	Reconstruction of Infrastructure	After the cyclone "Vardah", laying of cables and roads had to be done.	130
2017	Nill	Nill	17/04/2017	5	Skill Development Program for Women	I M Mathai Endowment Fund Skill Development Programme	30

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#### 7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
College proposes to: 1. To take measures to improve its ranking from 12th position to a better position in National Institutional Ranking Framework (NIRF) 2. To launch a unique programme "Sport for All" for all I year UG Students from the academic	13/06/2016	A part of College calendar, a copy each of which is distributed to each student at the beginning of academic year consists of Rules and Regulations regarding conduct while in premises of College, Department, during examinations, academic regulations including articles on definition of ragging, and on College policy on ragging.
By-laws	Null	By-laws of the College describes the code of conduct for Principal and other administrative staff.

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Workshop on Sensitization of Moral Values was organized for the teachers handling value education	23/07/2016	23/07/2016	30



classes in the Council Room , Madras Christian College. Dr. Mrs. Shanthi Davidar, Psychiatrist was the resource person for the workshop.			
Seminar on the topic "Overcoming Religious Fundamentalism for Peace"	06/10/2016	06/10/2016	Nil
Seminar on "Crisis Relief and Social Transformation"	24/02/2017	24/02/2017	30
One day basic training programme on Human Rights supported by National Human Rights Commission (NHRC)	19/07/2017	Nil	100
Workshop on Human Rights for the students of Department of History, MCC	Nil	Nil	80

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**7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)**

1. 150 tree saplings were planted. 2. Special dustbins were introduced to collect plastic/non-biodegradable waste. 3. In order to create awareness about planting more trees, the Kalam's Green India programme was organised by Sai Prasanna Foundation. 150 NSS Volunteers from Madras Christian College had participated in this event and received saplings from Actor Vivek. 4. Clean India Campaign (Swachh Bharath Abhiyan), nearly 150 NSS volunteers from Madras Christian College along with the program officers, cleaned the Tambaram Bus terminus. 5. Clean India Awareness, 20 NSS volunteers from Madras Christian College along with the program officers cleaned the Tambaram Railway Station and also created awareness among people about clean India. 6. The Society members at the stall spread awareness about the Ventilago, a woody climber, which has been a menace to the flora of MCC especially the avenue trees. This was followed by the removal of Ventilago in selective areas of the campus. 7. After the devastating effects of the cyclone 'Vardah', saplings, growing near the uprooted trees, were collected periodically and maintained in a nursery at the Botany Department to protect them from getting destroyed along with the fallen trees. 8. Scrub Society were involved in clean up drives to remove all the garbage during Deep Woods held on 16th, 17th and 18th February 2017. 9. Bird walk and did a bird count project on 19th and 20th February 2017 as part of the Great Backyard Bird Count.

**7.2 – Best Practices**

**7.2.1 – Describe at least two institutional best practices**

Objective / Best Practice : Engage Alumni actively in the growth and development of the College The Context: The Madras Christian College Alumni Association, one of the oldest in India was formed in 1891 with the objective of fostering long term relationships among the alumni in institutional building. Departments of the College conduct reunions. The College initiated a unique program named "Distinguished Alumni Series" to honor and felicitate alumni who distinguished themselves in their field. Many of the alumni of our College are today in good positions in top organizations in the country and abroad. Some of them come forward on a regular basis to meet current students to offer career counselling advice. The Practice: The Alumni chapters meet at various places all over the globe and have a reunion reminiscing the past. The alumni are invited for lectures by various Departments to give students a picture of the industry and latest developments in their field. The Alumni Association is involved in conducting the Christmas carol concert every year in December in Chennai city. The Executive committee of MCC Alumni Association meets periodically to transact business concerning alumni of the College and also developmental works of their almatmater. Over the years the association has supported many noble causes of the College. Alumni are involved in the Board of Directors and Board of Studies. Evidence of success: Around 1500 Alumni from across the globe, from various streams of life came together in July 2013 for an historic event called "Global Alumni Reunion". This Reunion was again held in 2016, to commemorate the 125th year of the Association, where almost 2000 alumni participated and relived their student lives here on campus. The Alumni of the College have also contributed to the development of Infrastructure on the campus. In 2016, the Physics and Chemistry laboratories were renovated with sponsorship from our Alumna Ms. Indra Nooyi of the B.Sc. Chemistry 1974 Batch. Ms. Indra Nooyi also funded the renovation and modernization of the MacNicol Lounge for Women. Ms. Chandrika Tandon, an alumna of the College has set up a corpus fund of (Rs. 6.00 Crores) for establishment of MCC Boyd Business School. Dr. K. Raman, an alumnus contributed Rs. 35 Lakhs to equip the MCC Community College. The family of Late Mr. Eric Prabhakar, an Olympion donated Rs. 25 Lakhs towards corpus for scholarship. Krishna Educational Society has donated Rs. 1.08 Crores for airconditioning of the auditorium of Anderson Hall. M/S Evertrue Charitable Educational Foundation has donated Rs. 22 Lakhs to install a lift in the College Campus. The Alumni have significantly contributed to endowment funds, scholarships and prizes for the students of our College. Problems encountered and resources required: Since the Alumni are scattered all over the globe it is quite difficult to organise get together more frequently. In spite of this difficulty they do meet as batches at least once a year.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

True to one of its defining principles viz., Academic Excellence, Madras Christian College has been making all efforts in fulfilling this objective since its inception in the 19th century. The ambience, floral and faunal density and diversity, infrastructure, residential facilities for students and many staff, a farm and other related amenities contribute to the sustenance of Excellence Status of the Institution in academics. The College in recognition of its academic excellence received several recognitions viz., UGC - 'College with Potential for Excellence' (2016-2021), 10th Rank in the Country by Ministry of Human Resource Development - NIRF, and 'India Today' and 'The Week' ranking among the top ten Colleges in the recent past. Being one of the first

few Colleges granted Autonomous status is 1978 by the University Grants Commission, the College continuously introduces new programmes and courses, innovative curricular changes in tune with changing times and examination reforms. Autonomy also enabled the College to introduce diploma and certificate courses through the School of Continuing Education. The College also introduced vocational degree programmes in the Departments of History, Zoology and Commerce in 1994. The Self-Financed Stream was started in 1999. Degree Programmes of contemporary relevance and employability are offered in the Self-Financed Stream. The College now has thirty two Departments under both the Aided and Self-Financed Streams offering Undergraduate, Postgraduate and Research programmes (M.Phil. and Ph.D.). Among the awards won by the College in the last decade, it is pertinent to make reference to the 'Best College Award' (2010) by the State Government of Tamil Nadu, 'Environment Award' (2012) from the State Government of Tamil Nadu, and 'Best College in Arts Science from the State of Tamil Nadu' Award from the VIT University (2015). Several Staff of the College including the Principal, and students have been recognized and presented with many awards, recognitions and laurels in the field of academics. Another area in which the academic standards are high at MCC is the field of research. Teachers and students present their research papers in Seminars and Conferences and publish papers in journals of high repute. Research has always been a parallel endeavour by the Teaching Community, through funded research projects granted by agencies within the Country and overseas. The Staff guide scores of research, doctoral and M.Phil. programmes. National bodies such as Indian National Science Academy and Indian Science Academy have chosen Madras Christian College as a host institution besides several academic societies and Associations to conduct their conferences and seminars. Considering the high standards of our Institution, Students from all over the Country and abroad come to study in varied programmes at Madras Christian College. International Collaborations with Universities and Colleges of high repute abroad foster faculty student exchange and study abroad programmes besides joint research projects. Academic Excellence in Madras Christian College has attracted the benevolence of funding agencies, philanthropists and alumni to donate to MCC for projects. The Solar Power Project funded by USAID ASHA, Rain Water Harvesting funded by Asian Paints Ltd., research projects funded by the

Provide the weblink of the institution

### **8.Future Plans of Actions for Next Academic Year**

College proposes to: 1. To take measures to improve its ranking from 12th position to a better position in National Institutional Ranking Framework (NIRF) 2. To launch a unique programme "Sport for All" for all I year UG Students from the academic year 2017-2018 3. Tree Planting Programme in order to replenish and rejuvenate the green cover of the campus which was heavily affected by the 'Vardah' Cyclone on 12th December 2016. To plant tree saplings with the help of student volunteers from NCC, NSS and Scrub Society. 4. College in association with MCC Alumni Association proposes to felicitate alumni who are recognized in the fields Education etc. 5. To build a classroom block to provide 2 computer laboratories and 8 classrooms 6. To build a modern students' centre providing good kitchens and spacious dining hall along with an office for the College Union Society.