



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

|   |  |                                    |
|---|--|------------------------------------|
| <b>1. Name of the Institution</b>             |  | MADRAS CHRISTIAN COLLEGE           |
| Name of the head of the Institution           |  | 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                              |  | principal@mcc.edu.in               |
| Alternate Email                               |  | principalmcctam@gmail.com          |
| Address                                       |  | East Tambaram, Velachery Main Road |
| 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.  | 91442290675                    |
| Mobile no.  | 9940355399                     |
| Registered Email  | iqac@mcc.edu.in                |
| Alternate Email   | principal@mcc.edu.in           |

### 3. Website Address

|  |   |
|--|---|
| Web-link of the AQAR: (Previous Academic Year) | <a href="https://mcc.edu.in/wp-content/uploads/2021/05/2017-18-AQAR.pdf">https://mcc.edu.in/wp-content/uploads/2021/05/2017-18-AQAR.pdf</a> |
|--|---|

### 4. Whether Academic Calendar prepared during the year

Yes

if yes, whether it is uploaded in the institutional website:  
Weblink :

<https://mcc.edu.in/wp-content/uploads/2021/04/Calendar-2018-2019.pdf>

### 5. Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | Validity    |             |
|-------|-------|------|-----------------------|-------------|-------------|
|       |       |      |                       | Period From | Period To   |
| 2     | A     | 3.37 | 2013                  | 05-Jan-2013 | 04-Jan-2018 |
| 3     | A     | 3.13 | 2019                  | 18-Oct-2019 | 17-Oct-2024 |
| 1     | A+    | 0    | 2004                  | 08-Jan-2004 | 08-Jan-2009 |

### 6. Date of Establishment of IQAC

08-Jan-2004

### 7. Internal Quality Assurance System

| 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 |
|   |                 |                                       |

|  |                    |      |
|--|--------------------|------|
| Project Proposal on FIST-Project                                   | 15-May-2019<br>15  | 990  |
| NAAC Self-study Report   | 11-Apr-2019<br>180 | 7171 |
| Institutional Information for Quality Assessment (IIQA)            | 08-Jan-2019<br>30  | 7171 |
| MHRD - All India Survey on Higher Education                        | 22-Feb-2019<br>30  | 7171 |
| Alumni (Course Feedback)   | 21-Feb-2019<br>2   | 1059 |
| Annual Quality Assurance Report                                    | 13-Feb-2019<br>180 | 7171 |
| Regular Meeting of IQAC  | 04-Feb-2019<br>1   | 10   |
| National Institutional Ranking Framework (NIRF)                    | 28-Nov-2018<br>30  | 6971 |
| Regular Meeting of IQAC  | 14-Sep-2018<br>1   | 10   |
| Pro-forma for Extension of Autonomous Status for the Academic Year | 05-May-2018<br>30  | 7171 |

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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   |
|---|---------------------------------------|----------------|-----------------------------|----------|
| Madras Christian College - College with Potential for Excellence          | College with Potential for Excellence | UGC            | 2016<br>1825                | 12500000 |
| Department of Mathematics, Physics, Plant Biology and Plant Biotechnology | DST-FIST                              | UGC            | 2013<br>1825                | 9800000  |

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

Yes

| Upload latest notification of formation of IQAC  | <a href="#">View Link</a>                 |                |                      |   |                  |   |   |                                    |  |
|--|---|----------------|----------------------|---|------------------|---|---|------------------------------------|--|
| <b>10. Number of IQAC meetings held during the year :</b>  | 2   |                |                      |   |                  |   |   |                                    |  |
| The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website   | Yes                                       |                |                      |   |                  |   |   |                                    |  |
| Upload the minutes of meeting and action taken report  | <a href="#">View Uploaded File</a>        |                |                      |   |                  |   |   |                                    |  |
| <b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>   | No  |                |                      |   |                  |   |   |                                    |  |
| <b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>  |   |                |                      |   |                  |   |   |                                    |  |
| The college submitted data for National Institutional Ranging Framework (NIRF)   |   |                |                      |   |                  |   |   |                                    |  |
| All India Survey on Higher Education (AISHE) was prepared and submitted during the year 2018-2019  |   |                |                      |   |                  |   |   |                                    |  |
| Prepared and submitted Institutional Information for Quality Assessment (IIQA)   |   |                |                      |   |                  |   |   |                                    |  |
| <a href="#">View Uploaded File</a>   |   |                |                      |   |                  |   |   |                                    |  |
| <b>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</b>   |   |                |                      |   |                  |   |   |                                    |  |
| <table border="1"> <thead> <tr> <th>Plan of Action</th> <th>Achivements/Outcomes</th> </tr> </thead> <tbody> <tr> <td>IQAC facilitated UGCCPE Advisory Committee visit (12/10/2018)</td> <td>Highly commended</td> </tr> <tr> <td>IQAC facilitate to submit the National Institutional Ranking Framework (NIRF) - 2019 (28/11/2018)</td> <td>13th Rank among Arts and Science Colleges</td> </tr> <tr> <td colspan="2" style="text-align: center;"><a href="#">View Uploaded File</a></td> </tr> </tbody> </table> |   | Plan of Action | Achivements/Outcomes | IQAC facilitated UGCCPE Advisory Committee visit (12/10/2018) | Highly commended | IQAC facilitate to submit the National Institutional Ranking Framework (NIRF) - 2019 (28/11/2018) | 13th Rank among Arts and Science Colleges | <a href="#">View Uploaded File</a> |  |
| Plan of Action   | Achivements/Outcomes                      |                |                      |   |                  |   |   |                                    |  |
| IQAC facilitated UGCCPE Advisory Committee visit (12/10/2018)  | Highly commended                          |                |                      |   |                  |   |   |                                    |  |
| IQAC facilitate to submit the National Institutional Ranking Framework (NIRF) - 2019 (28/11/2018)  | 13th Rank among Arts and Science Colleges |                |                      |   |                  |   |   |                                    |  |
| <a href="#">View Uploaded File</a>   |   |                |                      |   |                  |   |   |                                    |  |
| <b>14. Whether AQAR was placed before statutory body ?</b>   | No  |                |                      |   |                  |   |   |                                    |  |
| <b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>   | Yes                                       |                |                      |   |                  |   |   |                                    |  |
| Date of Visit  | 12-Oct-2018                               |                |                      |   |                  |   |   |                                    |  |

|  |   |
|--|---|
| <b>16. Whether institutional data submitted to AISHE:</b>  | Yes   |
| Year of Submission   | 2019  |
| Date of Submission   | 22-Feb-2019   |
| <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) | <p>The Madras Christian College uses Information and Communication Technology at all levels of interactions with the stakeholders of the College. It has a well-established Enterprise Resource Planning (ERP) system. This system helps the College to collect, store and manage data effectively from various departments and units. The Enterprise Resource Planning (ERP) Management Information system/software of the College manages the entire administration, including Admissions, Enrollment, Fee Payment, Library, Campus Operations, Academic Management and Exam-related activities. This software helps in the data management of the entire student community. In addition, the software also provides scope for human resource-related activities. To administer finances, the College uses separate accounting software.</p> <p>Modules Used at Present for Management:</p> <ul style="list-style-type: none"> <li>• Online Application and Admission: The role of ERP is vital in the student admission process. Admission to MCC is based on the merit of the students, and the ERP facilitates this process. The ERP software collects, and categorises applications, tabulates the selections made and even corresponds with the applicant. The ERP also facilitates the collection of fees and the enrolment process.</li> <li>• Students Academic Management: From the time a student enters the College until they graduate, all the records are maintained in the ERP. Selection of Language, Allied, Non-Major Elective and Co-curricular subjects are entirely online on the ERP portal. The marking of student attendance is also online. Ten-day attendance status lists are also uploaded online for students and</li> </ul> |

parents information. All notices are uploaded on the College website. In addition, messages are sent through SMS for information and immediate action. • Examination Processes: An Integrated software with an upgraded examination module has been installed. The application for examination, the payment of fees and the declaration of results have all been made online. • Staff information: All staff members information is also maintained in the ERP. Intimation of pay slips is communicated with the support of this system. Software for specific tasks • Finance: The finance and accounts of the College are maintained with the help of staff trained in the accounting software Tally. The operations of the administration and finances are entirely computerised, thus facilitating timely reporting and efficient resource allocation. • Library: While the academic and administrative ERP maintains the log of visitors to the Library using biometric methods, a Library Management Software (INFROPLUS) is installed at the Library to keep track of the books and journals. The ERP system, therefore, helps by procuring and storing an enormous volume of data and facilitates processes in the areas of Planning and Development, administration, Finance and accounts, Student admission and the examinations in the College

## 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 |
|-------------------|----------------|--------------------------|------------------|
| BSc               | 1054           | Chemistry                | 12/06/2018       |
| MPhil             | 4049           | Chemistry                | 12/06/2018       |
| BSc               | 1089           | Statistics               | 12/06/2018       |
| MSc               | 2049           | Statistics               | 12/06/2018       |
| BSc               | 1077           | Microbiology             | 12/06/2018       |
| MSc               | 2041           | Microbiology             | 12/06/2018       |
| BSc               | 1090           | Visual Communication     | 12/06/2018       |

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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 |
|------------------------------------|--------------------------|----------------------|---|----------------------|
| MA                                 | Public Administration    | 10/06/1985           | Organisational Behaviour / 182PA1M02                          | 12/06/2018           |
| BSc                                | Statistics               | 01/06/1962           | Actuarial Statistics / 181ST3I01                              | 12/06/2018           |
| MSc                                | Statistics               | 01/06/1962           | Big data analytics / 182ST4E04                                | 12/06/2018           |
| BSc                                | Microbiology             | 03/06/2002           | Immunology / 184MB2M01  | 12/06/2018           |
| MSc                                | Applied Microbiology     | 03/06/2002           | Immunology and Immunotechnology / 185MB1M03                   | 12/06/2018           |
| MSc                                | Applied Microbiology     | 03/06/2002           | Soil, Agricultural and Environmental Microbiology / 185MB2M03 | 12/06/2018           |
| MPhil                              | Chemistry                | 01/06/1943           | SCIENTIFIC RESEARCH METHODOLOGY / 183CH1M01                   | 12/06/2018           |
| BSc                                | Visual Communication     | 03/06/2002           | Art And Design Studies / 184VC1A01                            | 12/06/2018           |
| BSc                                | Statistics               | 01/06/1962           | Introductory Statistics / 181ST1G01                           | 12/06/2018           |
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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 |
|------------------------------------|--------------------------|-----------------------|
| BSc                                | Visual Communication     | 12/06/2018            |
| MSc                                | Microbiology             | 12/06/2018            |
| BSc                                | Microbiology             | 12/06/2018            |
| MSc                                | Statistics               | 12/06/2018            |
| BSc                                | Statistics               | 12/06/2018            |
| MPhil                              | Chemistry                | 12/06/2018            |
| BSc                                | Chemistry                | 12/06/2018            |
| <a href="#">View Uploaded File</a> |                          |                       |

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                               | Tamil   | 01/08/2008  |
| BA                               | English   | 01/08/2008  |
| BA                               | English Language and Literature                 | 01/08/2008  |
| BA                               | Economics                                       | 01/08/2008  |
| BA                               | History   | 01/08/2008  |
| BA                               | History (Voc)                                   | 01/08/2008  |
| BA                               | Journalism                                      | 01/08/2008  |
| BA                               | Philosophy                                      | 01/08/2008  |
| BA                               | Political Science                               | 01/08/2008  |
| BCA                              | Computer Applications                           | 01/08/2008  |
| BCom                             | Accounts and Finance                            | 01/08/2008  |
| BCom                             | Commerce  | 01/08/2008  |
| BCom                             | Vocational                                      | 01/08/2008  |
| BSW                              | Social Work                                     | 01/08/2008  |
| BSc                              | Chemistry                                       | 01/08/2008  |
| BSc                              | Geography, Tourism and Travel Management        | 01/08/2008  |
| BSc                              | Matheamatics                                    | 01/08/2008  |
| BSc                              | Microbiology                                    | 01/08/2008  |
| BSc                              | Physical Education, Health Education and Sports | 01/08/2008  |
| BSc                              | Physics   | 01/08/2008  |
| BSc                              | Plant Biology and Plant Biotechnology           | 01/08/2008  |
| BSc                              | Statistics                                      | 01/08/2008  |
| BSc                              | Visual Communication                            | 01/08/2008  |
| BSc                              | Zoology   | 01/08/2008  |
| BSc                              | Zoology (Vocational))                           | 01/08/2008  |
| BVoc                             | Hospitality and Tourism                         | 01/08/2008  |
| BVoc                             | Retail Management and Information Technology    | 01/08/2008  |
| BBA                              | Busniess Adminstration                          | 01/08/2008  |
| MA                               | Tamil   | 12/03/2004  |
| MA                               | English   | 12/03/2004  |
| MA                               | History   | 12/03/2004  |
| MA                               | Communication                                   | 12/03/2004  |



|       |  |            |
|-------|--|------------|
| MA    | Economics                                    | 12/03/2004 |
| MA    | Philosophy                                   | 12/03/2004 |
| MA    | Political Science                            | 12/03/2004 |
| MA    | Public Administration                        | 12/03/2004 |
| MCA   | Computer Applications                        | 12/03/2004 |
| MSc   | Applied Microbiology                         | 12/03/2004 |
| MSc   | Chemistry                                    | 12/03/2004 |
| MSc   | Mathematics                                  | 12/03/2004 |
| MSc   | Physics                                      | 12/03/2004 |
| MSc   | Plant Biology and Plant Biotechnology        | 12/03/2004 |
| MSc   | Statistics                                   | 12/03/2004 |
| MSc   | Zoology                                      | 12/03/2004 |
| MCom  | Commerce                                     | 12/03/2004 |
| MCom  | Computer Oriented Business Applications      | 12/03/2004 |
| MSW   | Community Development and Medical Psychiatry | 12/03/2004 |
| MSW   | Human Resource Development                   | 12/03/2004 |
| MPhil | Tamil  | 12/08/2014 |
| MPhil | English                                      | 12/08/2014 |
| MPhil | History                                      | 12/08/2014 |
| MPhil | Economics                                    | 12/08/2014 |
| MPhil | Philosophy                                   | 12/08/2014 |
| MPhil | Political Science                            | 12/08/2014 |
| MPhil | Public Administration                        | 12/08/2014 |
| MPhil | Chemistry                                    | 12/08/2014 |
| MPhil | Mathematics                                  | 12/08/2014 |
| MPhil | Physics                                      | 12/08/2014 |
| MPhil | Botany                                       | 12/08/2014 |
| MPhil | Statistics                                   | 12/08/2014 |
| MPhil | Zoology                                      | 12/08/2014 |
| MPhil | Commerce                                     | 12/08/2014 |
| MPhil | Commerce                                     | 12/08/2014 |
| MPhil | Social Work                                  | 12/08/2014 |
| BCom  | Commerce (SFS)                               | 01/08/2008 |
| BSc   | Mathematics (SFS)                            | 01/08/2008 |
| BSc   | Physics (SFS)                                | 01/08/2008 |
| MSc   | Chemistry (SFS)                              | 12/03/2004 |

### 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 |
|---------------------------------------|----------------------|-----------------------------|
| Data Analytics(DA)                    | 01/06/2016           | 33                          |
| Cheminformatics                       | 03/12/2018           | 37                          |
| Peer Counselling Course               | 01/06/2018           | 40                          |
| Basic Counselling Course Level 1      | 01/06/2018           | 43                          |
| Human Resource Management (DHRM)      | 14/06/2004           | 12                          |
| Medical Laboratory Technology (DMLT)  | 19/06/1989           | 13                          |
| Computer Applications (DCA)           | 13/06/1994           | 8                           |
| Tally with introduction to accounting | 01/06/2004           | 15                          |
| Event Management(CEM)                 | 03/06/2013           | 6                           |
| Certificate Course in French(CF)      | 03/06/2013           | 7                           |
| <a href="#">View Uploaded File</a>    |                      |                             |

### 1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title            | Programme Specialization                 | No. of students enrolled for Field Projects / Internships |
|------------------------------------|--|---|
| MA                                 | History                                  | 33  |
| MSc                                | Mathematics                              | 39  |
| MSc                                | Chemistry                                | 24  |
| MSc                                | Statistics                               | 17  |
| MSc                                | Physics                                  | 26  |
| BA                                 | Journalism                               | 50  |
| BSc                                | Visual Communication                     | 54  |
| BSW                                | Social Work                              | 20  |
| BSc                                | Geography, Tourism and Travel Management | 64  |
| MA                                 | Communication                            | 36  |
| <a href="#">View Uploaded File</a> |  |   |

## 1.4 – Feedback System

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

|           |     |
|-----------|-----|
| Students  | Nil |
| Teachers  | Nil |
| Employers | Nil |
| Alumni    | Yes |
| Parents   | Nil |

### 1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?

(maximum 500 words)

#### Feedback Obtained

The Internal Quality Assurance cell of the College collects feedback from the Alumni and current students every year. It is mandatory for all the students to submit their feedback on parameters relating to Academics, especially Teaching, Learning and Evaluation. The feedback collected through digital forms require responses that obtain scores on a four-point scale (Very Good, Good, Satisfactory and Unsatisfactory) The questions in the Feedback form pertain to Teaching-Learning and evaluation methods adopted by the departments in the conduct of various courses and Laboratory work. The questions are on the depth of course content, sufficiency of study resources in the Department and Library, Laboratory and/or computing facilities available, extent of coverage of syllabus, communication skills and effectiveness of teaching by the Faculty, Learning methodologies adapted for wholesome education, fairness of evaluation, outcome of study of the courses and their applicability. The data collected through online survey is analyzed by the Faculty of the Department of Statistics of the College. The results presented as graphical representations are submitted to the Management and subsequently presented in the meeting of the Heads of Departments, to make relevant changes in the forthcoming Academic year and decision-making. The feedback collection exercise and analysis is done to improve the Academics to higher level of student-centric teaching, outcome-based learning, and to equip the student community for employment.

## 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 |
|-----------------------|---|---------------------------|--------------------------------|-------------------|
| BSc                   | Mathematics   | 70                        | 1712                           | 63                |
| BA                    | English   | 72                        | 1776                           | 72                |
| BA                    | Tamil   | 70                        | 207                            | 66                |
| BA                    | History   | 45                        | 518                            | 45                |
| BA                    | History Vocational - Archaeology and Museology                  | 30                        | 91                             | 29                |
| BA                    | Political Science   | 73                        | 859                            | 73                |
| BA                    | Economics   | 72                        | 911                            | 72                |
| BA                    | Philosophy  | 36                        | 157                            | 36                |
| BCom                  | Commerce  | 81                        | 5604                           | 81                |
| BCom                  | Commerce Vocational Advertising, Sales Promotion and Management | 30                        | 355                            | 29                |

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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 |
|------|---|---|---|---|--|
| 2018 | 5725  | 1327  | 79  | 25  | 214  |

## 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  | 300   | 18                                | 105                              | 33                         | 17                              |
| <a href="#">View File of ICT Tools and resources</a>         |   |                                   |                                  |                            |                                 |
| <a href="#">View File of E-resources and techniques used</a> |   |                                   |                                  |                            |                                 |

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

Mentoring system is practised in all the Departments wherein every faculty is assigned students from each class of under-graduation and post-graduation classes. A Student, on joining the respective Department, is assigned to a faculty of the Department. A mentor maintains his/her group of mentees until the mentee graduates. The entire group meets at least three times a semester. These meetings are scheduled at a convenient time as agreed by the group. The mentor also maintains a record of each mentee, both personal and academic. The meetings of the mentor and mentees are also recorded. The number of mentees attending a particular session, the problems discussed, solutions arrived at, academic preparation and progress of each mentee are recorded by the mentor and maintained in the Department. Later the Head of the Department is appraised about the same. In case of a request for change arising from either the mentor or the mentee, the Head of the Department inspects the situation and resolves the issue. As of now, the mentor-mentee ratio of the institution is 1: 21. During the Covid times, the mentors were able to keep track of the mentees through online platforms like Zoom and Google Meet. The Mentor-Mentee system is effectively functioning in the College. The mentees have benefited as they could get their doubts and concerns cleared immediately by the mentor itself. The presence of peer support, guidance and help has benefited the students by improving their academic performance. The mentor and peer group address the intellectual inadequacies of slow learners. The advanced learners are encouraged and oriented to widen their scope of study by enrolling in courses from the School of Continuing Education, Institute for Administrative Services and MOOCs.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 7052   | 318                         | 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 |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 318                         | 318                     | 0                | 14                                       | 149                      |

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 |
|---------------|---|-------------|--|
|---------------|---|-------------|--|

|                                    |                         |                     |  |
|------------------------------------|-------------------------|---------------------|--|
| 2019                               | Dr (Mrs) Mekala Rajan   | Associate Professor | "Fellow of the EAST for Academic Excellence"                 |
| 2018                               | Dr S. Sathasivam        | Assistant Professor | "Ilanth Tamil Aaivalar - 2018"                               |
| 2018                               | Dr R. Ranjith Kumar     | Assistant Professor | Dr. APJ Abdul Kalam Award"                                   |
| 2018                               | Dr Nithaniyal Stalin    | Assistant Professor | "Dr. APJ Abdul Kalam Award" for Scientific Excellence - 2018 |
| 2018                               | Dr. Manu Thomas Mathai, | Associate Professor | "Prof. Dr. B. Kaiuta Lifetime Achievement Award"             |
| <a href="#">View Uploaded File</a> |                         |                     |  |

## 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                                 | 1020           | April 2019     | 27/04/2019   | 07/06/2019  |
| BA                                 | 1021           | April 2019     | 27/04/2019   | 07/06/2019  |
| BA                                 | 1028           | April 2019     | 27/04/2019   | 07/06/2019  |
| BA                                 | 1018           | April 2019     | 27/04/2019   | 07/06/2019  |
| BA                                 | 1027           | April 2019     | 27/08/2019   | 07/06/2019  |
| BA                                 | 1002           | November 2018  | 17/11/2018   | 19/12/2018  |
| BA                                 | 1010           | November 2018  | 17/11/2018   | 19/12/2018  |
| BCom                               | 1036           | November 2018  | 17/11/2018   | 19/12/2018  |
| BSc                                | 1075           | November 2018  | 17/11/2018   | 19/12/2018  |
| BSc                                | 1089           | November 2018  | 17/11/2018   | 18/12/2018  |
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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 |
|---|--|------------|
| 375   | 14060  | 2.6        |

## 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)

<https://mcc.edu.in/programme-outcomes/>

2.6.2 – Pass percentage of students

| Programme Code | Programme Name | Programme Specialization | Number of students | Number of students passed | Pass Percentage |
|----------------|----------------|--------------------------|--------------------|---------------------------|-----------------|
|----------------|----------------|--------------------------|--------------------|---------------------------|-----------------|

|      |     |                                       | appeared in the final year examination | in final year examination |     |
|------|-----|---------------------------------------|--|---------------------------|-----|
| 2009 | MA  | History                               | 28                                     | 21                        | 75  |
| 2030 | MA  | Political Science                     | 16                                     | 15                        | 94  |
| 2020 | MA  | Economics                             | 20                                     | 15                        | 75  |
| 2031 | MA  | Public Administration                 | 38                                     | 32                        | 84  |
| 2006 | MA  | English                               | 46                                     | 46                        | 100 |
| 2069 | MSc | Mathematics                           | 39                                     | 25                        | 64  |
| 2075 | MSc | Statistics                            | 19                                     | 17                        | 89  |
| 2072 | MSc | Physics                               | 26                                     | 25                        | 96  |
| 2049 | MSc | Chemistry                             | 25                                     | 24                        | 96  |
| 2073 | MSc | Plant Biology and Plant Biotechnology | 25                                     | 24                        | 96  |

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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)

<https://mcc.edu.in/quality-assurance/#>

## 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

| Yes                                    |
|--|
| Name of the teacher getting seed money |
| 30                                     |

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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. Shirmila Stanley                       | Fellowship        | 10/05/2018    | United Board for Christian Higher Education Asia |
| International | Dr. Shirmila                               | Fellowship        | 09/06/2018    | United Board                                     |

|                                    |                      |   |            |  |
|------------------------------------|----------------------|---|------------|--|
|                                    | Stanley              |   |            | for Christian Higher Education Asia                          |
| International                      | Dr. S Sudharsan      | Project Grant                                       | 10/05/2018 | United Board for Christian Higher Education in Asia (UBCHEA) |
| National                           | Dr. R. Ranjith Kumar | Dr. APJ Abdul Kalam Award for Scientific Excellence | 13/08/2018 | Marina Labs, Chennai   |
| <a href="#">View Uploaded File</a> |                      |   |            |  |

### 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             | 730      | University Grants Commission                                     | 85000                  | 40000                           |
| Major Projects             | 730      | University Grants Commission                                     | 90000                  | 50000                           |
| Major Projects             | 1095     | United Board   | 1377333                | 71910                           |
| Interdisciplinary Projects | 730      | Indian Council for Social Science Research (ICCSR Minor Project) | 400000                 | 240000                          |
| Major Projects             | 365      | United Board for Christian Higher Education                      | 1470000                | 70000                           |
| Major Projects             | 1095     | United Board for Christian Higher Education                      | 308750                 | 200000                          |
| Major Projects             | 365      | United Board for Christian Higher Education in Asia (UBCHEA)     | 350000                 | 150000                          |
| Minor Projects             | 30       | National Human Rights Commission, New Delhi                      | 50000                  | 50000                           |
| Minor Projects             | 730      | UGC  | 200000                 | 24000                           |
| Major Projects             | 1095     | DST-SERB   | 3504000                | 2400000                         |

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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0.045

### 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  |
| No file uploaded.         |                   |      |

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      |
| No file uploaded.       |                 |                 |               |          |

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                  |
| No file uploaded. |      |              |                      |                    |                      |

### 3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

| Name of the Department | Number of PhD's Awarded |
|------------------------|-------------------------|
| History                | 2                       |
| Economics              | 1                       |
| Commerce - Aided       | 2                       |
| Mathematics - Aided    | 2                       |
| Physics - Aided        | 1                       |
| Chemistry - Aided      | 3                       |
| Botany                 | 1                       |
| Zoology                | 1                       |
| English - SFS          | 1                       |
| Commerce - SFS         | 5                       |

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) |
|---------------|-------------|-----------------------|--------------------------------|
| International | Philosophy  | 1                     | 0                              |
| International | MATHEMATICS | 5                     | 0.26                           |
| International | Statistics  | 1                     | 0                              |
| International | Physics     | 16                    | 1.70                           |
| International | Chemistry   | 16                    | 2.94                           |



|                                    |                 |   |      |
|------------------------------------|-----------------|---|------|
| National                           | Botany          | 3 | 0    |
| International                      | Zoology         | 9 | 1.07 |
| International                      | Hindi           | 1 | 0    |
| International                      | Chemistry (SFS) | 1 | 3.26 |
| National                           | Microbiology    | 1 | 0    |
| <a href="#">View Uploaded File</a> |                 |   |      |

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 |
|------------------------------------|-----------------------|
| Political Science                  | 12                    |
| Tamil                              | 7                     |
| Commerce                           | 4                     |
| Chemistry                          | 2                     |
| English                            | 2                     |
| Computer Application (BCA)         | 1                     |
| Botany                             | 1                     |
| Economics                          | 1                     |
| Languages                          | 1                     |
| Microbiology                       | 1                     |
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3.4.4 – Patents published/awarded during the year

| Patent Details                                   | Patent status | Patent Number | Date of Award |
|--|---------------|---------------|---------------|
| Coconut fibre as suture material by IPR of India | Published     | 298076        | 26/06/2018    |
| <a href="#">View Uploaded File</a>               |               |               |               |

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 |
|--|---|-------------------------------------|---------------------|----------------|---|---|
| Molecular docking studies, charge transfer excitation and wave function analyses (ESP, ELF, LOL) on valacyclovir : A | Fathima Rizwana B.,<br>Johanan Christian Prasana,<br>S. Muthu,<br>Christina Susan Abraham | Computational Biology and Chemistry | 2019                | 24             | Madras Christian College, Chennai                         | 19  |

|   |  |                                |      |    |                                   |    |
|---|--|--------------------------------|------|----|-----------------------------------|----|
| potential antiviral drug  |  |                                |      |    |                                   |    |
| Spectroscopic investigation, Hirshfeld surface analysis and molecular docking studies on anti-viral Entecavir   | Fathima Rizwana B.,<br>Johan Christian Prasana,<br>Christina Susan Abraham,<br>S. Muthu                                      | Journal of Molecular Structure | 2018 | 17 | Madras Christian College, Chennai | 14 |
| New bio-sensitive and biologically active single crystal of pyrimidine scaffold ligand and its gold and platinum complexes: DFT, antimicrobial, antioxidant, DNA interaction, molecular docking with DNA/BSA and anticancer studies | M. Sankar Ganesh, J.<br>Dhavanthra Raja, K. Sakthikumar,<br>R. Vijay Solomon,<br>J. Rajesh,<br>S. Athimoolam, V. Vijayakumar | Bioorganic Chemistry           | 2018 | 17 | Madras Christian College, Chennai | 11 |
| Photocatalytic water splitting of TiO <sub>2</sub> nanotubes powders prepared via rapid breakdown anodization sensitized with Pt, Pd and Ni   | David, T.M.,<br>Wilson, P.,<br>Mahesh, R.,<br>Ramesh, C.,<br>Seshadri, H.  | Materials Technology           | 2018 | 17 | Madras Christian College, Chennai | 15 |

|   |   |                                     |      |    |                                   |    |
|---|---|-------------------------------------|------|----|-----------------------------------|----|
| nanoparticles   |   |                                     |      |    |                                   |    |
| Biomolecular Interaction, Anti-Cancer and Anti-Angiogenic Properties of Cobalt(III) Schiff Base Complexes   | S.Arunachalam, B. Gowdhami, K. K.M.Sundaram, R. Vijay Solomon, P. Venuvanalingam, M. A. Akbarsha, M. Sundaraman | Scientific Reports                  | 2019 | 17 | Madras Christian College, Chennai | 14 |
| Effect of zinc precursor ratio on morphology and luminescent properties of ZnO nanoparticles synthesized in CTAB medium   | C.Amirthavalli, A. Manikandan, A.A.M.Prince   | Ceramics International              | 2018 | 16 | Madras Christian College, Chennai | 13 |
| Spectroscopic (FT-IR, FT-Raman) investigation, topology (ESP, ELF, LOL) analyses, charge transfer excitation and molecular docking (dengue, HCV) studies on ribavirin | B. Fathima Rizwana, S. Muthu, Johanan Christian Prasana, Christina Susan Abraham, M. Raja                       | Chemical Data Collection            | 2018 | 15 | Madras Christian College, Chennai | 13 |
| Spectroscopic profiling (FT-IR, FT-Raman, NMR and UV-Vis), autoxidation mechanism   | Christina Susan Abraham, S. Muthu, Johanan Christian Prasana, S. Muthu,   | Computational Biology and Chemistry | 2018 | 12 | Madras Christian College, Chennai | 8  |

|   |   |                                |      |    |                                   |   |
|---|---|--------------------------------|------|----|-----------------------------------|---|
| (H-BDE) and molecular docking investigation of 3-(4-chlorophenyl)-N,N-dimethyl-3-pyridin-2-ylpropan-1-amine by DFT/TD-DFT and molecular dynamics: a potential SSRI drug | Sanja J. Armakovic, Stevan Armakovic, Fathima Rizwana B, Ben Geoffrey A.S                           |                                |      |    |                                   |   |
| Spectroscopic (FT-IR, FT Raman) and quantum mechanical study on N-(2,6-dimethylphenyl)-2-[4-[2-hydroxy-3-(2-methoxyphenoxy)propyl]piperazin-1-yl]acetamide              | Jacob George, Johanan Christian Prasana, S. Muthu, Tintu K. Kuruvilla, S. Sevanthi, Rinnu Sara Saji | Journal of Molecular Structure | 2018 | 12 | Madras Christian College, Chennai | 9 |
| Spectroscopic (FT-IR, FT-Raman), quantum mechanical and docking studies on methyl[(3S)-3-(naphthalen-1-ylloxy)-3-(thiophen-2-yl)propyl]amine                            | Renuka, V., Revathi, B. K., Jonathan, D. Reuben, Priya, M. Krishna. Asirvatham P. Samuel,           | Journal of Molecular Structure | 2019 | 11 | Madras Christian College, Chennai | 7 |

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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 | Name of | Title of journal | Year of | h-index | Number of | Institutional |
|--------------|---------|------------------|---------|---------|-----------|---------------|
|--------------|---------|------------------|---------|---------|-----------|---------------|

| Paper   | Author   |                                   | publication |     | citations excluding self citation | affiliation as mentioned in the publication |
|---|--|-----------------------------------|-------------|-----|-----------------------------------|---|
| Effect of zinc precursor ratio on morphology and luminescent properties of ZnO nanoparticles synthesized in CTAB medium | C.Amirthavalli, A. Manikandan, A.A.M.Prince                                      | Ceramics International            | 2018        | 100 | 13                                | Madras Christian College, Chennai           |
| Strontium incorporated hydroxyapatite/hydrothermally reduced graphene oxide nano composite as a cytocompatible material | Nimmy, E., Wilson, P.  | Ceramics International            | 2019        | 100 | 6                                 | Madras Christian College, Chennai           |
| Spectroscopic investigation, Hirshfeld surface analysis and molecular docking studies on anti-viral Entecavir           | Fathima Rizwana B., Johanan Christian Prasana, Christina Susan Abraham, S. Muthu | Journal of Molecular Structure    | 2018        | 98  | 14                                | Madras Christian College, Chennai           |
| Parallel Contextual Array insertion Deletion Grammar  | S. James Immanuel, D. G. Thomas, Atulya K.Nagar, T.Robinson                      | Lecture Notes in Computer Science | 2018        | 356 | 0                                 | Madras Christian College, Chennai           |
| Self-humidifying manganese oxide-supported Ptelectrocatalysts   | Aristatil Ganesan, Mani Narayanansamy, Karthikeyan Shunmugave                    | ElectrochimicaActa                | 2018        | 224 | 5                                 | Madras Christian College, Chennai           |

|  |   |                           |      |     |   |                                   |
|--|---|---------------------------|------|-----|---|-----------------------------------|
| for highly-durable PEM fuel cells  | 1   |                           |      |     |   |                                   |
| Stability and rheological properties of hybrid $\gamma$ -Al <sub>2</sub> O <sub>3</sub> nanofluids with cationic polyelectrolyte additives   | R. Kiruba, Sithara Vinod, A.W. Zaibudeen, R. Vijay Solomon, John Philip | Colloids and Surfaces A   | 2018 | 160 | 8 | Madras Christian College, Chennai |
| Spectro-electrochemical assessments of DNA/BSA interactions, cytotoxicity, radical scavenging and pharmacological implications of biosensitive and biologically active morpholine-based metal(II) complexes: a combined experimental and computational inv | K. Sakthikumar, R. Vijay Solomon, J. D.Raja                             | RSC Advances              | 2019 | 128 | 8 | Madras Christian College, Chennai |
| Ultrasonically aided selective stabilization of pyrrolic type nitrogen by one pot nitrogen doped and hydrotherm  | Ida, S., Wilson, P., Neppolian, B., Karthik, P., Ravi, P.               | Ultrasonics Sonochemistry | 2019 | 119 | 6 | Madras Christian College, Chennai |

|   |  |                    |      |     |    |                                   |
|---|--|--------------------|------|-----|----|-----------------------------------|
| ally reduced Graphene oxide/Titanium nanocomposite (N-TiO <sub>2</sub> /N-RGO) for H <sub>2</sub> production                                  |  |                    |      |     |    |                                   |
| Biomolecular Interaction, Anti-Cancer and Anti-Angiogenic Properties of Cobalt(III) Schiff Base Complexes                                     | S.Arunachalam, B. Gowdhami, K. K.M.Sundaram, R. Vijay Solomon, P. Venuvalingam, M. A. Akbarsha, M. Sundaraman                              | Scientific Reports | 2019 | 179 | 14 | Madras Christian College, Chennai |
| Chronic intake of 4-Methylimidazole induces Hyperinsulinemia and Hypoglycemia via Pancreatic Beta Cell Hyperplasia and Glucose Dysregulation. | Rekha B, Velmurugan G, Freddy AJ, Anusha S, Ramprasath T, Karthik KV, Suresh S, Kulshrestha P, Mithieux G, Lyon AR, Selvam GS, Ramasamy S. | Scientific Reports | 2018 | 179 | 3  | Madras Christian College, Chennai |

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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/Seminars/Workshops | 7             | 22       | 5     | 7     |
| Presented papers            | 25            | 24       | 4     | 0     |
| Resource persons            | 14            | 16       | 11    | 18    |

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#### 3.5 – Consultancy

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

| Name of the Consultant(s) | Name of consultancy | Consulting/Sponsoring | Revenue generated |
|---------------------------|---------------------|-----------------------|-------------------|
|---------------------------|---------------------|-----------------------|-------------------|

| department                | project   | Agency   | (amount in rupees) |
|---------------------------|---|--|--------------------|
| Dr. P. Hanumantha Rao     | Technical Expert in BRC Auditing at Kaleesuwari Refinery Pvt. Ltd., Chennai during September 2018 and at Dr. Oetker India Pvt. Ltd., Bhiwadi, Rajasthan during January 2019 | TÜV SÜD Management Service GmbH, Munich, Germany<br>TÜV SÜD Management Service GmbH, Munich, Germany | 0                  |
| <a href="#">View File</a> |   |  |                    |

### 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 |
|-------------------------------------|------------------------|---------------------------|--------------------------------------|--------------------|
| NA                                  | NA                     | NA                        | 0                                    | 0                  |
| <a href="#">View File</a>           |                        |                           |                                      |                    |

### 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 |
|------------------------------|---|--|--|
| Free Diabetes Screening Test | Mohans Diabetes Specialities Centre   | 5  | 100  |
| Blood Donation Camp          | The Blood Donors Club   | 5  | 160  |
| Blood Donation Camp          | LLRMF Blood Bank  | 5  | 120  |
| Disaster Management Workshop | Sri Sathya Disaster Management Team   | 3  | 70   |
| INDUSTRIAL VISIT             | Hatsun Agro Products Ltd, Thimmasamudram Village, Kancheepuram                              | 8  | 220  |
| INDUSTRIAL VISIT             | Hindustan Coca-Cola Beverages Private Limited, Nemam, Thiruvallur.                          | 8  | 220  |
| INDUSTRIAL VISIT             | Aavin Dairy -Tamil Nadu Co-Operative Milk Producers Federation Ltd, Sholinganallur, Chennai | 8  | 220  |
| Employment                   | National Service  | 11   | 350  |



|   |  |    |     |
|---|--|----|-----|
| Opportunities in Tourism                          | Scheme (NSS), University of Madras Tamil Nadu Tourism Development Corporation. |    |     |
| An in-campus (MCC) rally on "Rabies Awareness"    | Environment, Health and Sanitation Club (EHS CLUB)                             | 10 | 150 |
| SBSI Valedictory and Diabetes Screening Inaugural | SBSI   | 5  | 100 |
| <a href="#">View File</a>                         |  |    |     |

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 |
|---|---|--|------------------------------|
| Stakeholder Workshop, Tourist Student awareness programme | Swachhta Action Plan                        | IITTM, Ministry of Tourism - Govt.of.India | 300                          |
| 8th State Level Talent Test - IGS                         | Certificate of Appreciation (Nodal Officer) | The Indian Geographical Society            | 652                          |
| World Hepatitis Day                                       | Cash Award                                  | Other Organized Body                       | 20                           |
| <a href="#">View File</a>                                 |   |  |                              |

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 |
|-------------------------|--|-----------------------------------|--|--|
| National Service Scheme | University of Madras                             | NSS Pre parade selection Training | 1  | 3  |
| National Service Scheme | Sri Sathya Disaster Management Team              | Disaster Management Workshop      | 3  | 70   |
| National Service Scheme | MCCRSL School                                    | Independence Day Celebration      | 3  | 30   |
| National Service Scheme | SBSI   | Clean Campaign                    | 5  | 100  |
| National Service Scheme | SBSI   | NSS Inaugural Function            | 2  | 50   |
| National Service Scheme | Social Work Department, Madras Christian College | Leadership Training programme     | 1  | 8  |

|                           |                          |                      |   |     |
|---------------------------|--------------------------|----------------------|---|-----|
| National Service Scheme   | Mahindra World City      | Plantation Programme | 1 | 10  |
| National Service Scheme   | The Blood Donors Club    | Blood Donation Camp  | 5 | 160 |
| National Service Scheme   | Egmore Government Museum | Swachh Pakhwada      | 2 | 40  |
| National Service Scheme   | Railway Office, Tambaram | Swachh Bharat        | 2 | 60  |
| <a href="#">View File</a> |                          |                      |   |     |

### 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 |
|--------------------------------|--|------------------------------|----------|
| PG CURRICULUM RESEARCH PROJECT | SRM Research Institute, SRM Institute of Science and Technology, Chennai | NIL                          | 365      |
| PG CURRICULUM RESEARCH PROJECT | Department of Chemistry, IIT Madras                                      | NIL                          | 365      |
| International Field Placement  | Sujitha  | Accomodation and Free course | 30       |
| International Field Placement  | SERENA GARIECIA LANGSTIEH  | Accomodation and Free course | 30       |
| <a href="#">View File</a>      |  |                              |          |

#### 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              |
|-------------------|--|---|---------------|-------------|--------------------------|
| Internship        | SUMMER INTERNSHIP TRANING PROGRAM                                  | Sangrose Laboratories Pvt. Ltd,   | 03/05/2018    | 29/05/2018  | Anju Mereena Thomas      |
| Internship        | SUMMER INTERNSHIP TRANING PROGRAM                                  | Sacred Heart College (Autonomous)   | 02/05/2018    | 01/06/2018  | F. Anjum Firdose         |
| Internship        | KLEBSIELLA PNEUMONIAE (NBRC3319) MEDIATED SYNTHESIS OF (-)ECKLONIA | Indian Institute of Technology, Kharagpur.                                      | 18/05/2018    | 18/06/2018  | K. Daphne Jacinth Gracia |

|            |  |  |            |            |                  |
|------------|--|--|------------|------------|------------------|
|            | LACTOSE<br>PRECURSOR                               |  |            |            |                  |
| Internship | PHYTOCHEMICAL INVESTIGATION OF ROTULA AQUATIC LOUR | National Institute for Interdisciplinary Science and Technology, | 18/05/2018 | 18/06/2018 | V. Dhrishya      |
| Internship | SUMMER INTERNSHIP TRAINING PROGRAM                 | The Chennai Industrial Cooperative Analytical Laboratory Ltd     | 09/05/2018 | 01/06/2018 | J. Ida Shamila   |
| Internship | SUMMER INTERNSHIP TRAINING PROGRAM                 | Department of Inorganic Chemistry, University of Madras          | 24/05/2018 | 13/06/2018 | Jesni M. Jacob   |
| Internship | SUMMER INTERNSHIP TRAINING PROGRAM                 | Department of Inorganic Chemistry, University of Madras          | 24/05/2018 | 13/06/2018 | A. Lavanya       |
| Internship | DISPERSION OF GRAPHENE AND MoS2 NANOSHEETS         | Indian Institute of Science, Bengaluru                           | 18/05/2018 | 18/06/2018 | K. Lakshmi Priya |
| Internship | IN PLANT TRAINING PROGRAM                          | Vanitec Limited  | 10/05/2018 | 31/05/2018 | Mahalakshmi M.   |
| Internship | ENVIRONMENTAL AND WATER ANALYSIS                   | SGS India Private Limited  | 04/05/2018 | 29/05/2018 | Manisha M.       |

[View File](#)

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 |
|-------------------------|--------------------|--------------------|---|
| ICKONSYSTEMS            | 03/09/2018         | INTERNSHIP         | 50  |
| Cedarville College, USA | 01/07/2018         | Field Placement    | 1   |

[View File](#)

### 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 |
|--|--|

35500000

108023171.68

## 4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities   | Existing or Newly Added |
|--|-------------------------|
| Value of the equipment purchased during the year (rs. in lakhs)                          | Newly Added             |
| Number of important equipments purchased (Greater than 1-0 lakh) during the current year | Newly Added             |
| Video Centre   | Existing                |
| Seminar halls with ICT facilities  | Existing                |
| Classrooms with Wi-Fi OR LAN   | Newly Added             |
| Classrooms with LCD facilities   | Existing                |
| Seminar Halls  | Existing                |
| Laboratories   | Existing                |
| Class rooms  | Newly Added             |
| Class rooms  | Existing                |
| Campus Area  | Existing                |
| <a href="#">View File</a>  |                         |

## 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            | 11872    | 5501982 | 21          | 6675    | 11893   | 5508657 |
| Reference Books       | 5150     | 365881  | 43          | 35582   | 5193    | 401463  |
| e-Books               | 3218809  | 336826  | 7760        | 0       | 3226569 | 336826  |
| Journals              | 140      | 283058  | 2           | 2000    | 142     | 285058  |
| e-Journals            | 9796     | 336826  | 7760        | 0       | 17556   | 336826  |
| Digital Database      | 4        | 336826  | 0           | 0       | 4       | 336826  |
| CD & Video            | 387      | 19300   | 0           | 0       | 387     | 19300   |
| Library Automation    | 1        | 100000  | 1           | 1981220 | 2       | 2081220 |
| Weeding (hard & soft) | 5233     | 0       | 0           | 0       | 5233    | 0       |

[View File](#)

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 |
|---------------------------------|--|---------------------------------------|-----------------------------|
| Dr.E.Mahima Jane                | Control Statements - C#                                | Bandicam                              | 01/09/2017                  |
| Mrs. D. Padma Prabha            | Data Structures - Binary Tree                          | Bandicam                              | 01/10/2017                  |
| K.Anandhan                      | Data Structure   | Bandicam                              | 01/09/2017                  |
| Kowsalya                        | Insurance  | Bandicam                              | 04/09/2017                  |
| D. Vivek Prabhu                 | Basics of Image Processing                             | Bandicam                              | 04/09/2017                  |
| Sweetlin                        | Introduction to Struts2                                | Bandicam                              | 04/09/2017                  |
| Mrs. D. Helen Susanna Catherine | Instruction Set of 8085                                | Bandicam                              | 05/09/2017                  |
| Dr. N. Prabhu                   | Organic Reaction Mechanism through Non-Kinetic Methods | Bandicam                              | 05/09/2017                  |
| J. Shantha Sheela               | Correlation and Regression                             | Bandicam                              | 05/09/2017                  |
| Femina                          | Dijkstra's Algorithm to Find Shortest Path in a Graph  | Bandicam                              | 06/09/2017                  |

[View File](#)

### 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     | 1177            | 17           | 2        | 13               | 4                | 7        | 32          | 2                                | 0        |
| Added        | 183             | 0            | 0        | 0                | 0                | 0        | 0           | 0                                | 0        |
| <b>Total</b> | <b>1360</b>     | <b>17</b>    | <b>2</b> | <b>13</b>        | <b>4</b>         | <b>7</b> | <b>32</b>   | <b>2</b>                         | <b>0</b> |

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

2 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            |
|--|---|
| Audio booth in centre for media studies    | <a href="https://mcc.edu.in/photo-gallery/">https://mcc.edu.in/photo-gallery/</a> |

|                            |   |
|----------------------------|---|
| Bandicam Software          | <a href="https://mcc.edu.in/photo-gallery/">https://mcc.edu.in/photo-gallery/</a> |
| Smart Classrooms           | <a href="https://mcc.edu.in/photo-gallery/">https://mcc.edu.in/photo-gallery/</a> |
| Seminar Halls              | <a href="https://mcc.edu.in/photo-gallery/">https://mcc.edu.in/photo-gallery/</a> |
| Computer centre in Library | <a href="https://mcc.edu.in/photo-gallery/">https://mcc.edu.in/photo-gallery/</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 |
|--|--|--|--|
| 8175800                                | 8869835.99   | 9226200                                | 10055599.48  |

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's 320-acre campus with vast infrastructure, installations and equipment is maintained by the Estate office. The Estate office has policies to carry out both preventive and post-maintenance activities. Regular preventive maintenance is carried out through AMCs, and periodic checks of electrical, water installations, equipment, sewage and garbage disposal. Emergencies are attended to ensure that campus life is normal. Normally departments, units, halls, residential staff and students register their maintenance requirements with the Estate office which in turn, attends to all such requirements /grievances regularly. The Estate office functions through the Estate Manager who reports to the Bursar. The Estate Manager is assisted by • Electrical Supervisors • Civil supervisors • Electricians • Carpenters • Plumbers • Clerical assistants • Sanitary workers • Campus workers, Sweepers and Gardeners • Maintenance of restrooms and cleaning of classrooms and common areas is outsourced. Outsourced housekeeping is carried out by trained personnel.

Science laboratories: Laboratories, classrooms and the library are functional from 8 am to 6.15 pm on all working days. There are adequate laboratory assistants for the Science Departments having labs of Physics, Chemistry, Botany, Zoology and computer laboratories who take care of the maintenance of labs and equipment placed in the labs. Air conditioners, computers and network facilities are maintained either by annual maintenance contract (AMC) or serviced by agencies/manufacturers as and when need arises. The stock in the labs is verified for the available equipment and damaged ones are discarded. Maintenance of Electrical and Electronic Equipment is checked regularly at the end of every semester. Breakage register is maintained in the laboratories.

Library: The Librarian looks after the maintenance of the library books, journals, periodicals, furniture, electronic equipment, computers and software. He coordinates with the Estate Manager and System Administrator to ensure regular maintenance is done. Weeding of books is done on a regular basis in the general library. Pest Management measures are regularly carried out in the library and in other buildings. Since the Library operates RFID, Inventory Management is made easy through this technology and software.

Sports Complex: State of the art sports Indore Stadium partly funded by UGC was built on campus. The stadium provides one full size basketball court, four shuttle badminton courts and one volley ball court. The stadium is well ventilated and paved with imported wooden floor. The stadium is ideal for conducting both National and International level competitions. Power generation and energy conservation: All buildings are connected through a 1000 kVA transformer and two 250 kVA generators to provide uninterrupted power supply. Two solar power plants with total capacity of 600 kWp generate 90,000 units of electricity

every month. All power/electrical installations are under AMC for proper maintenance. Water supply: There are nine Reverse Osmosis (RO) water dispensers supplying high quality drinking water. The RO Plants are cleaned and maintained on a regular basis. There are two large overhead tanks and eight open wells and six bore wells in the campus providing water.

<https://mcc.edu.in/procedures-and-policies-for-facilities/>

## 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   | UG PG Management Scholarship | 155                | 1094269          |
| Financial Support from Other Sources |                              |                    |                  |
| a) National                          | SC/ST/ CAD<br>BC/MBC/DNC     | 1007               | 4429944          |
| b) International                     | NIL                          | 0                  | 0                |
| <a href="#">View File</a>            |                              |                    |                  |

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 implemetation | Number of students enrolled | Agencies involved   |
|---|-----------------------|-----------------------------|---|
| Training Programme on Teaching                    | 22/10/2018            | 60                          | ULAS NGO NSS  |
| Vission Ambassador Training                       | 19/01/2019            | 20                          | Shankara Nethralaya NSS   |
| Disaster Management Workshop                      | 18/08/2018            | 70                          | Sri Sathya Disaster Management Team NSS                               |
| Leadership Training programme                     | 03/07/2018            | 8                           | Social Work Department, Madras Christian College NSS                  |
| Leadership Training programme                     | 09/03/2018            | 3                           | Pachaiyappa's College NSS   |
| Lecture - Personal Brand Building for PG students | 08/01/2019            | 150                         | Ms Arpita Mukerjee, HR trainer and Coach                              |
| Career Counselling and effective Communication    | 13/06/2018            | 750                         | Mr. Daniel Jacob, Asst. Vice President -HR , EC Group Datasoft (P)Ltd |
| BVoc (RM IT) (HT) Softskill Programme             | 13/06/2018            | 140                         | Dr. Devanesen Centre for Human Resource                               |

|                                     |            |      |   |
|-------------------------------------|------------|------|---|
|                                     |            |      | Development ,MCC  |
| PG Softskills Programme             | 07/11/2018 | 1200 | Dr. Devanesen<br>Centre for Human<br>Resource<br>Development ,MCC |
| Personality Development - ALL II UG | 13/06/2018 | 1740 | Dr. Devanesen<br>Centre for Human<br>Resource<br>Development ,MCC |
| <a href="#">View File</a>           |            |      |   |

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 activities | Number of students who have passed in the comp. exam | Number of students placed |
|---------------------------|--|--|--|--|---------------------------|
| 2018                      | NET/ SET Coaching by IASC                                    | 55   | 0  | 10   | 0                         |
| 2018                      | Civil Service Exam   | 123  | 0  | 0  | 0                         |
| 2018                      | Seminar - " Career Counselling and effective Communication " | 0  | 750  | 0  | 0                         |
| 2018                      | Lecture - "Personal Brand Building" for PG students          | 0  | 150  | 0  | 0                         |
| <a href="#">View File</a> |  |  |  |  |                           |

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                              | 10  |

## 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 |
| Accenture                     | 142                             | 2                         | Adpro                         | 0                               | 4                         |



Media solutions

[View File](#)

5.2.2 – Student progression to higher education in percentage during the year

| Year | Number of students enrolling into higher education | Programme graduated from | Depratment graduated from      | Name of institution joined                 | Name of programme admitted to |
|------|--|--------------------------|--------------------------------|--|-------------------------------|
| 2018 | 26   | B.A                      | Political Science (Aided)      | Jadhavpur University, Jadhavpur University | MA Political Science          |
| 2018 | 3  | M.A                      | Political Science (Aided)      | Madras Christian College                   | M.Phil. Political Science     |
| 2018 | 19   | B.A                      | Economics                      | University of Hyderabad,                   | MA Economics                  |
| 2018 | 28   | B.Sc.                    | Mathematics                    | Holy Trinity College of Education          | M.Sc. Mathematics             |
| 2018 | 25   | B.Sc.                    | Physics                        | Womens Christian College                   | M.Sc. Physics                 |
| 2018 | 32   | B.A.                     | English                        | University of Madras                       | M.A. English                  |
| 2018 | 14   | BBA                      | Business Administration        | University of Madras                       | MBA                           |
| 2018 | 7  | B.Sc                     | Geography, Tourism Travel Mgmt | Hindustan University                       | MBA                           |
| 2018 | 15   | B.Sc                     | Visual Communication           | St.Thomas College of Arts Science          | M.Sc Electronic Media         |
| 2018 | 7  | BCA                      | Computer Application           | MANIPAL UNIVERSITY                         | MBA                           |

[View File](#)

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       | 17                                      |
| SET       | 4                                       |
| GATE      | 3                                       |
| Any Other | 7                                       |

[View File](#)

#### 5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

| Activity  | Level            | Number of Participants |
|---|------------------|------------------------|
| Artha   | National         | 250                    |
| TCC - Hybride MTB race<br>B13:B58   | State            | 1                      |
| BADMINTON (STATE)<br>CHAMPIONSHIP   | State            | 2                      |
| QUESTIT   | Inter collegiate | 200                    |
| Hi-PHY 2018   | Inter collegiate | 4                      |
| ZEST TALENT BY VELLS<br>UNIVERSITY  | Inter collegiate | 5                      |
| SYNERGY (2018) BY DG<br>VAISHNAVA COLLEGE   | Inter collegiate | 10                     |
| DENARIUS18 BY LOYOLA<br>COLLEGE   | Inter collegiate | 14                     |
| Capparis  | Inter collegiate | 150                    |
| PUBLIC RELATIONS<br>CAMPAIGN - AAYATTHAME<br>AAYUTHAMAI (ON DISASTER<br>MANAGEMENT) | Inter collegiate | 200                    |
| <a href="#">View File</a>   |                  |                        |

### 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/ Internaional | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|---------------------------|-------------------------|------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| 2018                      | GOLD                    | National               | 1                           | Nil                           | 18017110<br>20010 | M.<br>Raguram       |
| <a href="#">View File</a> |                         |                        |                             |                               |                   |                     |

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

5.3.2 The College Union Society (CUS) is a student body that represents the interests of students in College Administration. It is responsible for organizing various student activities. The CUS consists of the student chairman, student secretary, conveners of various portfolios, department representatives and class representatives. The Principal, the President of the CUS, along with a Vice-president and Staff Advisor, who are also faculty members, provide guidance to the student leaders of the CUS. All the student office bearers and representatives are elected by the students through a democratic and transparent process by an independent Election commission. The student chairman and student secretary are also members of the college Senatus, the highest executive body of the College, and many other important committees of the College such as the Finance Committee and the Disciplinary Committee. This enables the participation of the student community in taking major decisions concerning the curricular and cocurricular activities of the College. Every academic Department has a Board of Studies that has student representatives. The College Academic Council which has wide ranging powers to decide upon academic matters also has student representatives. The CUS

organizes many noteworthy events throughout the year such as Culturals, Literary Debating events, Theatre, Sports and Academics. Some of the sports events organized by the CUS are meant for the faculty as well. Some of the important events organized by the CUS regularly are given below: College Auditions: The college Auditions seek to identify various talents and abilities of students through a series of competitions focusing on cultural as well as literary and debating events. Aurora: Aurora is a cultural event organized exclusively for the women students of the College. It aims to serve as a platform for women students to display their unique talents and abilities. Theatre Night: Theatre night is an extravagant and high-quality display of drama and theatre in the College, conducted by the CUS. Theatre Night has been the springboard for many students to enter professional theatre career. Deepwoods: Deepwoods is an intercollegiate cultural event organized annually by the CUS. The three-day iconic event attracts participants from various colleges across Chennai and all over the country. It offers an array of exciting events ranging from music to dance, debates and arts. Students generate the funds needed for this event through sponsorship and entrepreneurship and in the process, they hone their administrative and leadership skills. Sports: There are various sporting events organized by the CUS such as the Danis Esau Memorial Inter-collegiate football tournament, Teacher's Day Sports etc. CUS is also involved in many social welfare activities such as organizing blood donation camps and cleaning up the College premise through 'Campus Cleaning Programme'. The CUS has also played a stellar role in collecting and distributing relief material during natural calamities like floods and cyclones. To Conclude, the CUS of MCC is a role model for how student councils should be elected and how they should play a significant and meaningful role in enhancing the quality of a higher educational institution.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Madras Christian College Alumni Association is the oldest of its kind in India, formed in the year 1891 with the objective of fostering long term relationships among the alumni in institutional building. It is a very active and highly successful alumni association playing a major role in the development of MCC. The Practice: The MCC Alumni Association has chapters all over the Country and in many major cities across the Globe. The chapters pay an active role in being a bridge between the local MCC alumni communities across the world and the parent Institution. They periodically organize meetings and get-togethers. The central unit of the MCC Alumni Association organizes many programmes and events throughout the year. The Executive committee of the MCC Alumni Association meets to transact business concerning alumni of the College and also developmental works of their alma mater. Over the years the Association has supported many noble causes of the College. Alumni are also involved in the Board of Directors and Board of Studies. The College itself has a dedicated Alumni and Public Relations Officer headed by an Alumni and Public Relations Officer. Academic Departments of the College, and the Halls of Residence, also conduct periodical alumni reunions. The College has initiated a unique program named "Distinguished Alumni Series" to honour and felicitate alumni who have significantly distinguished themselves in their field. Many of the alumni of our College are today in good position in Government and top organizations in the Country and abroad. Some of them come forward on a regular basis to meet the students and offer career counseling and advice. The alumni are invited for lectures by various Departments to give students a picture of the industry and latest developments in their field. Evidence of success: Around 1500 Alumni from across the globe, from various streams of life came together in July 2013 for a historic event called "Global Alumni Reunion." This

Reunion was again held in 2016, to commemorate the 125 th 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, CEO of Pepsico, of the B.Sc. Chemistry 1974 Batch. Ms. Indra Nooyi also funded the renovation and modernization at MacNicol lounge for women faculty and students. Ms. Chandrika Tandon, an alumna of the College has set up a corpus fund (Rs. 6.00 Crores) for establishment of MCC Boyd-Tandon School of Business. Dr. K. Raman, an alumnus contributed Rs. 35,00,000 to equip the MCC Community College. The family of Late Eric Prabhakar, an Olympian donated Rs. 25,00,000 towards corpus for scholarship. Shri Suresh Krishna, Chairman TVS Sundram Fasteners Ltd, an alumnus of the College has donated Rs. 1.08 crores for airconditioning of the Anderson Hall of the Colleege. MRF Ltd has donated Rs. 22 Lakhs for the installation of an elevator

5.4.2 – No. of registered Alumni:

4691

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

2924348

5.4.4 – Meetings/activities organized by Alumni Association :

ALUMNI The MCC Alumni Association organized many noteworthy events to maintain fellowship and camaraderie among the alumni and to keep up the vision of Rev William Miller, the founder of the Association. The MCC Alumni Association conducted its Annual Alumni Carol Concert on 10 th amp 11 th December 2018 which was live streamed all over the world. Many alumni came back for reunions and campus tours to cherish and relive their nostalgic past at MCC. Departments such as Tamil, Botany, Commerce, etc. organized Department Reunions. The Quintessential Annual Old Boys Cricket match was conducted on 9 th February 2019.

## **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 decentralization and participative management in all its activities and initiatives by involving the Deans, Heads of Departments/Units, faculty members and students at different levels of decision-making. The Governing Body of the College includes representatives from the Board of Directors, Government, University Grants Commission (UGC), Deans who are faculty of the College, Bursar and, the Principal and Secretary of the College. Recommendations from various committees of the College are brought to this Body, and after detailed review, decisions are taken. Issues are discussed and decisions are made to ensure the conduct of day-to-day affairs of the college, and matters relating to the Government and other stakeholders. Curriculum development, in line with advances in the industry, is done every year by most of the departments in the College. The Department conducts a Board of Studies meeting, which consists of the Department faculty, subject experts from other Colleges and student representatives. Once the new curriculum is framed, it is presented before the Academic Council for approval. The Academic Council consists of the Principal, University Nominee, Heads of the Departments and Units, and student representatives. These meetings are minuted, and suggestions are made with respect to changes in the curriculum.

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

Partial

## 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 revised their syllabi to keep abreast with changes in the Industry. Departments that brought in changes in their curriculum include the Departments of Political Science, Economics, Chemistry, Zoology, Hindi (SFS), Geography, Tourism and Travel Management (SFS) and Visual Communication (SFS). The Department of Microbiology introduced the PhD program. The Department of Chemistry introduced a novel course on Cheminformatics. The process of curriculum development involves subject experts and individuals with industry experience. The Board of Studies is convened by the Head of the Department and the recommendations are brought to the Academic council for approval. |
| 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 Departments. Classrooms are equipped with smart boards and special training is provided to the faculty to use these technologies. Project Based Learning (PBL) has been facilitated in the Departments resulting in synthesizing of new information on the subject domain leading to presentation of papers in conferences.   |
| Examination and Evaluation | The College adopts rules and regulations pertaining to examinations as and when they are introduced by the University of Madras. The double valuation system is followed to ensure fairness in the valuation of papers. The exam fee payment for regular and arrear papers are now being collected online. Detection of plagiarism with the use of URKUND software for all MPhil thesis has been made mandatory. Old Photocopying machines have been replaced by new machines for better use.   |
| Research and Development   | The College encourages Research Development through the Dean of   |

Research Development. The Faculty members are involved in research and development extensively. The Institution has a number of research projects (both minor and major) from Government bodies, and Private institutions, both in the country and abroad. Faculty members are actively involved in presenting research papers in International and National Conferences organized both within and outside the country in addition to publishing articles in reputed journals. The College allocates annual grants to the Research Development Deanery to provide research grants.

Library, ICT and Physical Infrastructure / Instrumentation

The Library has been completely revamped in terms of infrastructure and the accessibility of resources. Various new sections are introduced exclusively for references, book banks, competitive exams, periodicals, maps, projects and theses, etc. RFID facility is also installed in the library. The library acquired access to many online databases through subscription and is using D Space for managing the digital contents. The Staff browsing center was also renovated. The library through ICT helps in empowering faculty and students to achieve excellence. Rain water harvesting system has been installed with about 66 wells of various dimensions which would help in harvesting almost a third of the campus' annual consumption of water. The gates to the College have been renovated. The Statistical Computing Laboratory with new computers, servers, and staff console was dedicated for the use of students. Kitchens in the Halls were renovated. A modern Students Centre with modular kitchens and alluring dining arrangements were dedicated and opened for use. The Quartoseptcentennial Building with spacious classes was declared open. MCC Infirmary was also opened with obligatory equipment for best medical services to the community.

Human Resource Management

The Dr. Chandran Devanesen Centre for Human Resource Development conducts various programs from time to time for both students and faculty members. Training programs and workshops on various issues are organized by different Departments regularly which

help the faculty to stay abreast of the latest developments in the respective fields. These programs help in increasing the morale of the faculty members and help them to easily adopt new technologies and methods.

**Industry Interaction / Collaboration**

The Library has an institutional collaboration with INFLIBNET, DELNET, American Consulate Library, and the British Council Library. Organisations like TCS, CTS, Wipro, IBM, Deloitte US India, Daimler, Mckinsey, Ernst Young, Zoho, Vijay TV, Thompson Reuters, Citibank, Royal Bank of Scotland, Infosys, Hexaware, Sutherland, Velammal School, Zion School, Indian Public School, etc. have conducted campus interviews, and a good number of students have been placed. Experts from these organisations have been resource persons for various programs organised by the College. Internship recruitments from EY and Zoho were organised, and suitable students were selected. Besides interactions for placement and internship, various Departments of the College actively collaborate with the Industry to enhance knowledge exchange by way of inviting alumni and eminent persons from the industry for lectures, workshops and conferences.

**Admission of Students**

The College widely publicises admission to the College through the institution's website and by extensive advertisements in regional and national newspapers. A centralised admission process with updated software for efficient processing of application forms has been introduced. Admissions are made as per the reservation policy of Government 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 (ICT) to exchange information between the Head of the Institution/Department/Units and the faculty. This ensures that decisions can be taken quickly and successfully.</p> |

|                               |   |
|-------------------------------|---|
| Administration                | 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 ICT. The Principal's Office communicates with the faculty members through emails and an official Whatsapp group. The institution also maintains personal information and records of the employees. |
| Finance and Accounts          | All activities relating to finance and accounts have been computerised. Accounting software like Tally is used to keep track of all financial transactions.   |
| Student Admission and Support | 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 centralised with the help of e-governance. The attendance of students is also maintained online.   |
| Examination                   | The Examinations Office is equipped with computers and software. The results are declared online. Students can apply for their examinations 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 |
|------|--------------------------------|--|---|-------------------|
| 2018 | Dr. Ms. Beutline Malgija M.    | International Conference on Phytomedicine                                  | Department of Botany, Bharathiar University, Coimbatore, Tamil Nadu | 4000              |
| 2018 | Mrs. D. Ramala Singh           | Training Programme on Advanced Statistics Inferential Analysis             | MSME Technology Development Centre, Guindy, Chennai, Tamil Nadu     | 17700             |
| 2018 | Dr. B. Prince Solomon Devadass | 1st Multidisciplinary International Conference on                          | Sri Ramakrishna Mission Vidhayalaya                                 | 1550              |



|      |                             |  |  |      |
|------|-----------------------------|--|--|------|
|      |                             | Social Responsibility of Educational Institutions in Developing Countries (ICSEDC)                           | College of Arts Science, Coimbatore, Tamil Nadu  |      |
| 2018 | Mrs. S. Indumathi           | Two Days National level Workshop on Teaching English with Technology   | St. Josephs College, Tiruchirappalli, Tamil Nadu   | 1550 |
| 2018 | Dr. Ms. Beutline Malgija M. | Research Article in the International Journal of Scientific Research in Biological Sciences, Vol. 5, Issue 4 | The International Scientific Research Organization for Science, Engineering and Technology, Indore, Madhya Pradesh | 1550 |
| 2018 | Mr. Vivek Nagarajan         | International Seminar on Nautical Literature   | Nanjil Catholic College of Arts and Science, Kanyakumari, Tamil Nadu   | 3000 |
| 2018 | Sandhya Ravishankar         | The Malaysia International Conference on Languages, Literatures and Cultures                                 | University of Putra, Malaysia  | 627  |
| 2018 | Mr. Vivek Nagarajan         | National Educational Seminar on Outside the Four Walls: The Nature of Unconventional Teaching                | Charya Institute of Graduate Studies - Bangalore   | 800  |
| 2018 | Mrs. E. Sweetline Priya     | Training Programme on Advanced Excel   | MSME Technology Development Centre, Guindy, Chennai, Tamil Nadu  | 5000 |
| 2018 | Ms. D. Selvakumari          | State Level Workshop on Molecular Docking  | Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam, Chennai, Tamil   | 1000 |

[View File](#)

## 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) |
|------|--|---|------------|------------|---|---|
| 2018 | Practising Christian Faith through Social Action                             | Nil   | 09/07/2018 | 09/07/2018 | 120                                     | Nil   |
| 2018 | Caring for My Neighbor: The Search for a Relevant Social Ethic               | Nil   | 12/07/2018 | 12/07/2018 | 150                                     | Nil   |
| 2018 | Importance of Psychological Interpersonal Staff-Student Relationship         | Nil   | 27/07/2018 | 27/07/2018 | 11                                      | Nil   |
| 2018 | Who Draws the Lines?   | Nil   | 11/10/2018 | 11/10/2018 | 80                                      | Nil   |
| 2019 | Science and Progress - The Philosophy of Modern Medicine                     | Nil   | 10/01/2019 | 10/01/2019 | 50                                      | Nil   |
| 2019 | Using the Skill Will Matrix for Students                                     | Nil   | 09/02/2019 | 09/02/2019 | 10                                      | Nil   |

[View File](#)

## 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 - UGC-HRDC, University of Madras, Chennai, Tamil Nadu   | 2                               | 23/08/2018 | 12/09/2018 | 21       |
| Faculty Development Programme - Research Department of English, St. Josephs College, Tiruchirappalli, Tamil Nadu | 1                               | 20/08/2018 | 21/08/2018 | 2        |
| Orientation Programme - UGC-HRDC, University of Madras, Chennai, Tamil Nadu                                      | 4                               | 16/08/2018 | 12/09/2018 | 28       |
| Faculty Development Programme - Department of Chemistry, Womens Christian College, Chennai, Tamil Nadu           | 1                               | 20/07/2018 | 21/07/2018 | 2        |
| Refresher Course - UGC-HRDC, University of Madras, Chennai, Tamil Nadu   | 2                               | 04/07/2018 | 24/07/2018 | 21       |
| Refresher Course - UGC-HRDC, Bharathidasan University, Tiruchirappalli   | 1                               | 19/06/2018 | 09/07/2018 | 21       |
| Certificate Course - Bioinformatics Institute of   | 2                               | 01/06/2018 | 01/04/2019 | 305      |

|   |   |            |            |    |
|---|---|------------|------------|----|
| India, Noida, Uttar Pradesh   |   |            |            |    |
| Refresher Course - UGC-HRDC, Pondicherry University, Puducherry                         | 2 | 08/06/2018 | 28/06/2018 | 21 |
| Orientation Programme - UGC-HRDC, Sri Venkateswara University, Tirupati, Andhra Pradesh | 1 | 06/08/2018 | 01/09/2018 | 28 |
| Refresher Course - UGC-HRDC, Sri Venkateswara University, Tirupati, Andhra Pradesh      | 1 | 13/08/2018 | 01/09/2018 | 20 |
| <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 |
| 13        | 40        | 11           | 6         |

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, MCC Infirmary 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, Employees State Insurance Scheme, Employees Group Gratuity Scheme, UTI Retirement Benefit Pension Fund, Cooperative Thrift Credit Society, Fee Concession, MCC Infirmary and Medical Checkup, Exgratia Tea and Coffee during break time, Childrens Park, Festival Gift. | Insurance, and Scholarships (Government and Management) |

**6.4 – Financial Management and Resource Mobilization**

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

The College Accounts are audited by internal audit team. CA. M. Ahamed Rasool Chartered Accountant The internal auditors have been doing audit regularly and

submit report for every quarter. They are covering/verifying the following areas. • Budget vs Actual analysis. • Fixed deposits and interest receipts • Fixed Assets Purchases • Fee Collections • Statutory Compliance on TDS, EPF ESI The internal auditors would escalate the queries/mistakes, found by them, if any to the College through their quarterly reports and the College would rectify the same. The College Accounts are audited by External audit team. G S S Associates Chartered Accountants STATUTORY AUDIT The External Auditors (Statutory Auditor) would conduct statutory audit every year and submit their audit report along with notes to Accounts. The College would file the audited accounts with Income Tax Department, Registrar of Companies and Ministry of Home affairs in the form of annual returns.

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   |
|--|-------------------------------|---|
| Dr. Crispin Devadoss Endowment - Botany                  | 350000                        | Received from various Sponsors towards Endowment Fund |
| <a href="#">View File</a>                                |                               |   |

6.4.3 – Total corpus fund generated

|          |
|----------|
| 16902051 |
|----------|

## 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   | No       | Null      |
| 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 guardians to the orientation program that is organised on the first day that the student joins the college. This program orients the students and the 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 also 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 behavioral and attitudinal issues are also brought to the attention of the parents.

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

Festival and Farewell Celebrations Psychological support and Fellowship every month Medical Camps by the College Infirmary Training programmes and workshops on Women Empowerment.

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

Introduction of Urkund Software in the Library Introduction of Innovative, Interdisciplinary courses Collaborations with Industry

## 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      | No  |

## 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 |
|---------------------------|---|-------------------------|---------------|-------------|------------------------|
| 2018                      | Enlightenment Enclave                                   | 10/07/2018              | 10/07/2018    | 10/07/2018  | 150                    |
| 2018                      | Sharing Knowledge you had abroad (SKY)                  | 18/07/2018              | 18/07/2018    | 18/07/2018  | 60                     |
| 2018                      | Young Faculty Review Meetings                           | 31/07/2018              | 31/07/2018    | 31/07/2018  | 122                    |
| 2018                      | Regular Meeting of IQAC                                 | 14/09/2018              | 14/09/2018    | 14/09/2018  | 5                      |
| 2018                      | Enlightenment Enclave                                   | 24/09/2018              | 24/09/2018    | 24/09/2018  | 150                    |
| 2018                      | National Institutional Ranking Framework (NIRF) – 2019  | 28/11/2018              | 30/10/2018    | 28/11/2018  | 6971                   |
| 2019                      | Institutional Information for Quality Assessment (IIQA) | 08/01/2019              | 10/12/2018    | 08/01/2019  | 7171                   |
| 2019                      | Enlightenment Enclave                                   | 11/01/2019              | 11/01/2019    | 11/01/2019  | 150                    |
| 2019                      | Enlightenment Enclave                                   | 22/01/2019              | 22/01/2019    | 22/01/2019  | 300                    |
| 2019                      | Young Faculty Review Meetings                           | 31/01/2019              | 31/01/2019    | 31/01/2019  | 126                    |
| <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 |
| Movie Pink was screened   | 27/08/2018  | 27/08/2018 | 41                     | 23   |
| Movie Review of film "Shamefully" by Ms. Nishanthi  | 12/09/2018  | 12/09/2018 | 41                     | 23   |
| Mr. Suresh Anand, Project Coordinator, State Resource Centre and his team from One Stop Centre, Tambaram addressed the students on "Women helpline 181" | 08/03/2019  | 08/03/2019 | 30                     | 42   |
| 'Gender Parity: Pathway to a Shared Humanity through the He for She campaign' by Dr. Ann Thomas, Department of English                                  | 04/04/2019  | 04/04/2019 | 38                     | 25   |

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

| Percentage of power requirement of the University met by the renewable energy sources  |
|--|
| 1. 48 Percent of power requirement is met by Solar energy in 2018-19 2. Rain water harvesting has been renovated to meet the existing demand. 3. LED-lighting has been installed which is more energy efficient. The existing lighting and other electronic appliances are being replaced with more energy efficient appliances, reducing energy footprint of the college. 4. Our College has launched setting up of its second green project Sewage Treatment Plant (STP) and the ground breaking ceremony in the College Farm was held on 6th March 2019. All Campus Sewage is getting recycled with outcome of 3.75 lakh litres of grey water per day apart from manure which can be used for farm cultivation. |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities         | Yes/No | Number of beneficiaries |
|-------------------------|--------|-------------------------|
| Provision for lift      | Yes    | 12                      |
| Physical facilities     | Yes    | 11                      |
| Ramp/Rails              | Yes    | 4                       |
| Rest Rooms              | Yes    | 11                      |
| Scribes for examination | Yes    | 11                      |

|  |     |    |
|--|-----|----|
| Special skill development for differently abled students | Yes | 11 |
| Any other similar facility                               | Yes | 11 |
| Braille Software/facilities                              | Yes | 4  |

#### 7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date       | Duration | Name of initiative                 | Issues addressed   | Number of participating students and staff |
|------|--|--|------------|----------|------------------------------------|--|--|
| 2018 | 25   | 27   | 21/06/2018 | 2        | Yoga day                           | International Yoga day   | 116  |
| 2018 | 25   | 27   | 26/06/2018 | 2        | Awareness about Drug Abuse         | A rally was organized in observance of "International Day against drug abuse and illicit trafficking", starting from lifestyle building to Amirtha catering at Kandanchavadi | 100  |
| 2018 | 25   | 27   | 03/07/2018 | 2        | Leadership and Skills              | LEADERSHIP TRAINING PROGRAMME by Prof. Ninan John.   | 40   |
| 2018 | 25   | 27   | 24/07/2018 | 2        | Awareness program on Importance of | ID CARD RALLY rally inside the   | 40   |



|      |    |    |            |     | wearing<br>College<br>ID             | campus<br>during<br>morning<br>and<br>evening<br>break<br>hour to<br>create<br>awareness<br>among the<br>students<br>about the<br>importanc<br>e of<br>wearing<br>ID card |     |
|------|----|----|------------|-----|--------------------------------------|---|-----|
| 2018 | 25 | 27 | 28/07/2018 | 2   | Awareness on cleaning                | CLEAN CAMPAIGN by NSS volunteers joining hands with SBSI volunteers went to the local residents of Gypsy colony in Mappeddu   | 50  |
| 2018 | 25 | 27 | 01/08/2018 | 2   | Diabetes Screening Inaugural program | SBSI VA LEDICTORY DIABETES SCREENING INAUGURAL by Dr.Prasanna Kumar Gupta, Assistant Director, (Mohan's Diabetes Specialties Centre)                                      | 50  |
| 2018 | 25 | 27 | 01/08/2018 | 3   | Diabetes Screening test              | FREE DIABETES SCREENING TEST  | 170 |
| 2018 | 25 | 27 | 18/08/2018 | 2   | DISASTER MANAGEMANT WORKSHOP         | DISASTER MANAGEMANT WORKSHOP  | 70  |
| 2018 | 25 | 27 | 17/08/2    | 240 | Kerala                               | KERALA  | 25  |

|                           |    |    |            |     |                     |   |    |
|---------------------------|----|----|------------|-----|---------------------|---|----|
|                           |    |    | 018        |     | flood relief        | FLOOD RELIEF WORK   |    |
| 2018                      | 25 | 27 | 19/08/2018 | 120 | Kerala flood relief | The college NSS team along with the College Union Society, MCC joined together to reach out and help the flood affected people in Kerala. | 32 |
| <a href="#">View File</a> |    |    |            |     |                     |   |    |

#### 7.1.5 – Human Values and Professional Ethics

| Title                                     | Date of publication | Follow up(max 100 words)  |
|---|---------------------|---|
| Student Code of Conduct: College Calendar | 11/06/2018          | 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. The same has been uploaded in our college website. |

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

| Activity   | Duration From | Duration To | Number of participants |
|--|---------------|-------------|------------------------|
| International day of drug abuse and illicit trafficking, rally in Tambaram railway station | 26/06/2018    | 26/06/2018  | 30                     |
| International day against drug abuse, Kandanchavadi, OMR                                   | 26/06/2018    | 26/06/2018  | 100                    |
| Mime on safe society for women   | 15/08/2018    | 15/08/2018  | 42                     |

|  |            |            |     |
|--|------------|------------|-----|
| at this era of murder and rape, Independence day celebration, Quadrangle, Madras Christian College                                     |            |            |     |
| Workshop on Disaster management, Macphails, Madras Christian College   | 18/08/2018 | 18/08/2018 | 70  |
| Workshop on Human rights, Anderson Hall, Madras Christian College  | 24/08/2018 | 24/08/2018 | 600 |
| National Integration Camp, Sardhar Patel University, Gujarat   | 25/11/2018 | 01/12/2018 | 2   |
| One day workshop on Migration and Human Trafficking, Department of Criminology, University of Madras                                   | 11/12/2018 | 11/12/2018 | 20  |
| Plastic Awareness programme, Streets of East Tambaram  | 11/01/2019 | 11/01/2019 | 50  |
| A follow-up workshop on implementation of curriculum in Peace studies for teachers of 5 institutions in Jaffna, Srilanka               | 14/01/2019 | 16/01/2019 | 30  |
| Training programme on crowd regulation during Pongal festival by infantry and airwing cadets at Arignar Anna Zoological park, Vandalur | 17/01/2019 | 17/01/2019 | 30  |
| <a href="#">View File</a>  |            |            |     |

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

1. Renewable resources such as solar energy (48percentage) is used. 2. Special dustbins are placed to collect plastic/non-biodegradable waste. 3. Rolling Trophy for cleanliness and proper waste disposal in Halls of Residence was given by the Scrub Society. 4. Students were taken for regular campus walks for bird watching and to educate them about the scrub jungle ecosystem. 5. "Keep

Campus clean", "Save water", "Avoid Plastics" campaigns were conducted to promote general eco- friendly awareness among the students. 6. Bicycles are used by students which is eco-friendly. 7. Our College has launched setting up of its second green project Sewage Treatment Plant (STP) and the ground breaking ceremony in the College Farm was held on 6th March 2019. All Campus Sewage is getting recycled with outcome of 3.75 lakh litres of grey water per day apart from manure which can be used for college farm.

## 7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice: Solar Power Plant Objective / Best Practice: To provide a green campus Solar Power Plant has been installed at 500 KV Ground @ Farm and 100KV Rooftop @ Botany Department The Context: Green campus - To trap sunlight and generate electricity. The Practice: There is an ever increasing demand in energy especially electricity, hence, renewable energy like sunlight could be trapped which in turn generates electricity. Hence the college has installed solar panels as an alternative source of energy to serve the 360Acre campus. Coverage area 100x80 with1600 panels and each panel -315 watts. Evidence of Success: About 49 electricity for the campus is generated from this renewable source. Problems encountered and resources required: Nothing mentionable. 2. Title of the Practice: Innovative methodology in Teaching - Learning Process Objective / Best Practice: Innovative methodology in teaching - Learning Process The Context: Innovative ideas, creativity, skit performance are encouraged and included in the syllabus as a part of Internal Continuous Assessment - 3 of the college. The Practice: Self and peer assessment technique-through Quiz and Seminars is regularly done. A Tutor/mentor is responsible for the student growth addressing their grievances. Every teacher in the Department is allotted 15 students as Mentees every year. The mentors will look after students academic as well as personal issues. A final semester Project which concentrates on Green Studies, Womens Writing, Art and Aesthetics Movements, and Cultural Studies is being regularly done by the Literature department. Department of Chemistry offers value-added course 'Cheminformatics' through the School of Continuing Education, MCC from 2018-2019 onwards. Evidence of Success: Research articles published in reputed journals are displayed in the department to showcase the research activities of the department and also to encourage the staff, research scholars and students of the Department of Chemistry (Aided). Best Field Work Student and Best Camper in Rural camp is awarded every year for the students of BSW (SFS). The Book review club is an effort to motivate students to read books to enhance knowledge on corporates and practical world. This club operates with reviews on books by renowned authors and corporate houses. This updates students with a broader perspective of Management concepts. The Department of Geography, Tourism Travel Management could create awareness on ecologically sustainable urban settlements by organizing exhibitions. Problems encountered and resources required: More resources are required to perform all the activities of the students during the learning process.

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

<https://mcc.edu.in/history-and-milestones/>

## 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

Academic Excellence: Madras Christian College has good infrastructure, a campus rich in Biodiversity with adequate residential facilities for students and

staff, apart from a farm and other related amenities that contribute to the sustenance of the Excellent Status of the Institution in academics. According to the Ministry of Human Resource Development (MHRD) National Institutional Ranking Framework (NIRF), MCC obtained 10th position in the category of 'Arts and Science Colleges' in the country. In 'The Week' ranking of Colleges, MCC is ranked the 6th position in India. Also MCC is ranked No.1 in Chennai according to 'India Today' ranking. Our College maintains its position within the Top Ten Colleges in the country. Another area, in which the academic standards are high at MCC, is the infrastructure developments. Rain Water Harvesting System at MCC was dedicated on 5th July 2018. The project has been funded by Asian Paints as part of their CSR and was facilitated by Dr. Sekhar Raghavan (Physics Alumnus of MCC, 1964 -1969) through Akash Ganga Trust, Chennai. The project comprises 66 wells of various dimensions. The total quantity of rain water harvested through this project in the College premises in a year would be an overwhelming and astounding quantity of 1, 27, 57,640 litres, which is approximately a third of our campus annual consumption of water. A computerized rain gauge has been installed to monitor rainfall and to measure the quantum of water charged into the soil on a daily basis. The Halls of Residence are governed by the students. A cabinet is present which comprises of the Chairman, General Secretary and the team. The team discusses issues, consults with the residents and decisions are taken. The Hall administration has been executed through 'STUDENT AUTONOMY' and is unique practice and legacy that enriches students with capacity building towards leadership. Unique way of conducting ICAT III: Of three ICATs, conduct of ICAT III is based on innovative techniques and will span over the entire duration of the semester. Department of Chemistry conducts in a unique way to bring out the presentation of skills on their learning and understanding the core subjects. Each class is allotted a day towards the end of the semester. On that day, the students exhibit their presentations, which involve micro-projects, review work, pedagogy techniques, model making etc. The outcome of such innovative conduct of ICA III resulted in paper presentations in different conferences, publications and also project proposals. Attendance for the students of our College are marked through Wi-Fi enabled Tabs has been introduced from 2018. This system facilitates many analysis of this attendance data, including periodical reporting of status to students and parents online. Serving Humanity is a part of Madras Christian College hence MCC Kotagiri Community College (MCC KCC) was dedicated on 27th August 2018 which offers two Diploma Programmes (Diploma in Healthcare, Diploma in Hospitality Retail Marketing) and Coaching Classes for few competitive examinations. Another Community College named MCC Hanshin Hope Centre at Mudichur was declared open on 17th October 2018

Provide the weblink of the institution

<https://mcc.edu.in/>

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

Based on the events conducted and the requirements of the mandatory bodies, the Administrators of the College and the IQAC devised the Plan of action for the Academic year 2018 - 2019 as follows: 1. Efforts to be taken to improve the NIRF ranking by addressing the areas that were identified in the process of preparing for NIRF ranking 2. To plan and prepare the for IIQA and SSR submission under the guidance of Dr. T. Robinson, IQAC Coordinator. 3. Data compilation and validation for AQAR submission for the Academic years 2015-16, 2016-17, 2017-18 to be done 4. Data compilation for AISHE to be done in parallel to AQAR submission. 5. Submission of FIST 2019 application 6. Revision of Course Feedback Questions to students 7. Planning and preparation for Expert Committee visit for Autonomy Extension. 8. Preparation for Institutional Swachhta Ranking 2019 Planning and preparation for the Expert Committee visit to the College 9. Planning and preparation for NAAC Peer team visit for Accreditation (3rd Cycle) 10. Conduct

Workshop on Intellectual Property Rights and Patent Development by IQAC. 11. Data compilation, verification and preparation for NIRF 2020.