Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**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.	**044223906772**
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**

2. Institutional Status

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.	04422390675
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)	https://mcc.edu.in/images/IQAC/AQAR/2017-18-AQAR.pdf

4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://mcc.edu.in/images/Calender/MCC-Calender-2019-2020-to-web.pdf

5. Accrediation Details

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

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

Alumni Feedback (Course)	09-Mar-2020 3	1641
MHRD-All India Survey on Higher Education (2019-20)	11-Feb-2020 30	7226
IQAC Regular Meeting	30-Jan-2020 1	10
IQAC conducted One day workshop on Industry-Academic Tie-up (Exploring Avenues for Academic and Industry Collaboration)	06-Jan-2020 1	61
IQAC - Regular Meeting	13-Dec-2019 1	10
National Institutional Ranking Framework (NIRF) - 2020	28-Nov-2019 30	7026
IQAC conducted Workshop on Intellectual Property Rights and patenting	21-Nov-2019 1	82
IQAC Regular Meeting	09-Oct-2019 1	10
Institutional Swachhta Ranking	30-Jul-2019 30	7226
IQAC - Regular Meeting	13-Jul-2019 1	10
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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 1825	12500000
Extension of Autonomous Status for the period from 2019-2020 to 2023-2024 including ex-post-facto approval from the period 2018-2019	University Grants commission, New Delhi	UGC	2019 1825	2000000

9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	<u>View File</u>
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	<u>View File</u>
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

• **IQAC MCC coordinated the visit of UGC Expert Committee to MCC during 20th 21st June 2019 for Autonomy Extension. Extension of Autonomous status to MCC until 202324 was granted on 5th August 2019. • MCC participated in the Institutional Swachhta Ranking 2019 and coordinated the Expert Committee visit to MCC on 4th September 2019. • The visit of NAAC peer team for reaccreditation (3rd Cycle) was facilitated by IQACMCC during 26th27th September 2019. MCC is reaccredited with 'A' grade by NAAC. • IQAC submitted the data for NIRF 2020 on 28th November 2019 • IQAC submitted the data for AISHE 2019'20 on 11th February 2020 • IQAC in association with Deanery of Research Development and International Programmes conducted (i) an awareness workshop on Patent Development titled "Bring out the inventor in you" (21st November 2019). Experts from Ethna Attributes conducted the sessions and (ii) a One day workshop on Industry – Academic tieup titled "Exploring avenues for Academic and Industry Collaboration" (6th January 2020) Dr. Mathew Palakal (Executive Dean, SOIC, IUPUI) and Agriculture in the Digital Age – Dr. Siva Kumpatla (Global Leader – Data Science, Corteva Agriscience) took sessions and interacted with staff members and research Scholars.**

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

Plan of Action	Achivements/Outcomes
Facilitating NAAC – Peer Team Visit on 26,27 Sept. 2019	**Reaccredited with 'A' grade**
Facilitating Institutional Swachhta Ranking 2019 – Inspection on 3,4 Sept. 2019	**Highly commended**

Facilitating UGC-Autonomy Review Expert committee visit on 20,21 June 2019	Autonomy granted
Prepared and submitted data for NIRF 2020	17th Rank among Arts and Science Colleges
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	26-Sep-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	11-Feb-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	The College has ERP Management Information system/software which manages the entire Administration including Admissions, Enrolment, Fee Payment. Library, Finance, campus operations, academic management and Exam Related activities in an efficient way. Software has more than modules and facilitates administration of Students Admission to Students exit from the College. The Major activities performed in the ERP package are Admissions, Students fees collection, issue of Transfer certificates , Elective Subject Selection, issue of hall tickets entire Examination process, Finance, Staff HR related activities, Library, Administrative operations, Attendance management and Academic monitoring by Web and many more. Modules Used at Present for Management: • Online Application and Admission • Students Academic Management • Online Individual Staff Attendance and Admin Attendance • Online Elective Subject Selection • Certificates • Finance • HR • Library • SMS • Exam Office

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BA	DU01	History	22/06/2019
BA	DU02	Archeology &Museology	22/06/2019
MA	DP01	History	22/06/2019
BA	DU04	Economics	22/06/2019
BSc	DU13	Chemistry	22/06/2019
BCA	EU23	Computer Applications	22/06/2019
BSc	EU12	Physics	22/06/2019
BSc	EU29	Geography, Tourism & Travel Management	22/06/2019
BVoc	EU14	Hospitality & Tourism	22/06/2019
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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
No Data Entered/Not Applicable !!!				
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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
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!		

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
Human Resource Management (PGDHRM)	01/01/2019	1

Computer Applications (PGDCA)	01/01/2019	1
Medical Laboratory Technology (PGDMLT)	01/01/2019	2
Journalism and Mass Communication (PGDJMC)	01/01/2019	1
Human Resource Management (DHRM)	01/01/2019	69
Medical Laboratory Technology (DMLT)	01/01/2019	7
Computer Applications (DCA)	01/01/2019	24
Journalism And Mass Communication(DJMC)	01/01/2019	4
Montessori and Primary School Teacher Training (DMPSTT)	01/01/2019	2
Effective Communication in English(CECE)	01/01/2019	9
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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	English	44
MA	Tamil	17
BA	Arecheology & Museology	27
MA	Political Science	18
MA	Economics	18
BCom	Commerce	6
MCom	Commerce	16
MSc	Mathematics	42
MSc	Statistics	20
MSc	Physics	23
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Nill
Teachers	Nill
Employers	Nill
Alumni	Yes
Parents	Nill

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, Leaning 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	1023	60
BCom	Vocational	30	324	31
BCom	Regular	70	4688	78
BA	English	70	1519	67
BA	Tamil	70	190	62
BA	Philosophy	35	160	34
BA	Economics	70	1017	72
BA	Political Science	70	991	80
BA	History (Vocational)	30	93	31
BA	History	45	531	53
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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
2019	1828	627	80	25	224

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	Numberof smart classrooms	E-resources and techniques used
329	329	Nill	105	33	Nill

View File of ICT Tools and resources

View File of E-resources and techniques used

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

Mentoring system is common in all the Departments, wherein every faculty is assigned particular number of students who would report on all academic achievements and challenges. Students in the first year of undergraduate and post graduate courses are allocated to the faculty of respective departments as in order to facilitate guidance and counselling which seeks to enhance their personal growth. The students report to the same faculty to keep track of the growth of the student. However, in case of request for change arises from either the faculty or the student, the same will be entertained by the Head of the Department. As of now, the mentor-mentee ratio of the institution is 1: 21. In addition the institution also adopts measures to support both advanced and slow learners, such as, paper presentations, interaction with scientists of IITs, IISc, JNCASR and remedial/bridge courses. In addition, the College operates School of Continuing Education and Institute for Administrative Services Coaching to cater to the professional needs of students and to prepare them for competitive examinations.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
6725	329	1:20

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
329	329	Nill	22	171

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
2020	Dr R.W. Alexander Jesudasan	Principal	'Honorary Doctorate'
2020	Dr A. Duraisamy	Associate Professor	Senior Economist
2020	Dr. S. Ramakrishnan	Assistant Professor	Young Economist Award
2020	Dr M. Salomi	Assistant Professor	Best Young Scientist Award
2020	Dr. K. Kavitha	Assistant Professor	"Best Mentor Award"
2019	Dr. P. Joyce Priyakumari	Associate Professor	Life Time Achievement Award

2019	Dr. S. Ramakrishnan	Assistant Professor	Perasiriyar Kalaimani
2019	Dr M.Vijayasarathy,	Assistant Professor	"Dr A.P.J. Abdul Kalam Teaching Excellence Award"
2019	Dr Johanan Christian Prasana	Associate Professor	"Lifetime Achievement Award"
2019	Dr. G.A.I. Ebenezer	Associate Professor	"Lifetime Achievement Award"
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BA	DU03	April 2020	28/09/2020	17/11/2020
BA	DU02	April 2020	28/09/2020	17/10/2020
BA	DU01	April 2020	28/09/2020	17/10/2020
BA	DU03	November 2019	16/11/2019	18/12/2019
BA	DU02	November 2019	16/11/2019	18/12/2019
BA	DU01	November 2019	16/11/2019	18/12/2019
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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
177	13119	0.0134

2.6 – Student Performance and Learning Outcomes

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

http://mcc.edu.in/programme-outcomes/

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
DU01	BA	History	47	27	57
DU02	BA	History (Vocational)	29	15	52
DU03	BA	Political Science	74	59	80
DU04	BA	Economics	65	44	68

DU05	BA	Philosophy	33	12	36
DU06	BA	Tamil	66	45	68
DU07	BA	English	68	65	96
DU08	BCom	Regular	77	75	97
DU09	BCom	Vocational	27	25	93
DU10	BSc	Mathematics	64	60	94
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2.7 – Student Satisfaction Survey

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

http://mcc.edu.in/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

29

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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
National	Dr. Mekala Rajan	Fellow of The East for Academic Excellence	24/01/2019	Environmental Advisory for Sustainable Trust
National	Dr S Sudharsan	IMPRESS Research Award	09/09/2019	Indian Council of Social Science Research (ICSSR), New Delhi
International	Dr. Miriam Samuel	SSHRC Partnership Grant	05/04/2019	Social Sciences and Humanities Research Council (SSHRC), Government of Canada

National	Dr. G.A.I. Ebenezer	Lifetime Achievement Award	12/10/2019	ARUNAI International Research Foundation, Chennai
National	Dr. G.A.I. Ebenezer	Dr. APJ Abdul Kalam Award for Lifetime contribution in Teaching	24/11/2019	Marina Labs, Chennai
National	Dr G Gnanasekaran	INSA Medal for Young Scientist	18/12/2019	Indian National Science Academy, New Delhi
National	Dr. B. Babu	Dr. APJ Abdul Kalam Award for Scientific Excellence	24/11/2019	Marina Labs, Chennai
National	K. SUBANIYA SARAH	BEST PAPER AWARD FOR MANAGEMENT RESEARCH CATEGORY	01/01/2020	HOUSE OF JOURNALS
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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Nill	365	ICSSR	300000	120000
Nill	1095	UBCHEA	966000	273000
Nill	1095	DST-SERB	3504000	500000
Nill	365	Indian Council of Social Science Research (ICSSR), New Delhi	400000	120000
Nill	730	IMPRESS, Indian Council for Social Science Research	1000000	400000
Nill	730	University Grants Commission	225000	64000
Nill	365	Banaras Hindu University	160000	160000
Nill	365	United Board of Christian	934836	934836

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

0.042

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
Bring out the inventor in you - An awareness workshop on patent development	IQAC	21/11/2019
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
International Innovative Scientist in High Pressure Studies on Nanomaterials awarded for the year 2020	Dr. K. M. FRENY JOY	RULA Awards in association with World Reasearch Council and United Medical Council.	26/01/2020	High Pressure Studies on Nanomaterials
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Economics	1
Commerce - Aided	4
Mathematics - Aided	1
Physics - Aided	3
Chemistry - Aided	3
Zoology	3
Social Work - SFS	3
Commerce (SFS)	1
Business Administration	1

Chemistry (SFS)	1

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	Mathematics – Aided	2	0
International	Statistics	1	1.37
International	Physics – Aided	10	1.96
International	Chemistry – Aided	9	2.50
International	Botany	3	0.67
International	Zoology	7	0.52
International	Geography, Tourism Travel Management	1	0.33
International	Physics – SFS	2	1.83
International	Chemistry – SFS	3	1.57
International	BCA	3	0
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Tamil	14
Commerce	9
Political Science	7
Social Work	5
Statistics	4
Computer Application	3
Botany	2
Chemistry	2
Languages	2
Physics	2
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation

Paper	Author	Journal	Year	Volume	Institution	Page
Are vinyl coupled furan derivatives better than vinyl coupled thiophene derivatives for optoelectronic applications? – Answers from DFT/TDDFT calculations	Duraikannu Gajalakshmi, Maria SusaiBoobalan, Rajadu raiVijay Solomon, Venkatachal amTamilman i	Computational Material Science	2019	3	Madras Christian College, Chennai	2
Evaluation of vibrational, electronic, reactivity and bioactivity of propafenone —A spectroscopic, DFT and molecular docking approach	Jacob Georgea, Johanan Christian Prasanaa, S. Muthub, Tintu K Kuruvillaa, Rinnu Sara Saji	Chemical Data Collections	2020	3	Madras Christian College, Chennai	3
Molecular docking, spectroscopic studies on 4-[2-(Dipropylamino) ethyl]-1,3-dihydro-2H-indol-2-one and QSAR study of a group of dopamine agonists by density functional method	Tintu K. Kuruvilla, S. Muthu, Johanan Christian Prasana, Jacob George, Rinnu Sara Saji,Ben Geoffrey, Host Antony David R.	Spectrochimica Acta – Part A: Molecular and Biomolecular Spectroscopy	2019	3	Madras Christian College, Chennai	2
Nano-inclusion aided thermal co	Amit KumarMishra, B.B.Lahiri, VijaySol	Thermochimica Acta	2019	4	Madras Christian College, Chennai	4

nductivity enhancement in palmitic acid/di-methyl formamide phase change material for latent heat thermal energy storage	omon, JohnPhilip					
Density functional studies and spectroscopic analysis (FT-IR, FT-Raman, UV-visible, and NMR)with molecular docking approach on an anti fibrotic drug Pirfenidone	P. Manjusha, Johanan Christian prasana, S. Muthu, BR. Raajaraman	Journal of Molecular Structure	2020	4	Madras Christian College, Chennai	3
Impact of long-term seaweed farming on water quality: a case study from Palk Bay, india	K. R. Abhilash, R. Sankar, R. Purvaja, Samuel V. Deepak, C. R. Sreeraj, P. Krishnan, V. Sekar, Amit K. Biswas, G. Kumarapandiyan R. Ramesh	Journal of Coastal Conservation	2019	4	Madras Christian College, Chennai	4
Spectroscopic and quantum/classical mechanics based computational	Ben Geoffrey A.S., Johanan Christian Prasana, S. Muthu,	Spectrochimica Acta Part A: Molecular and Biomolecular Spe	2019	6	Madras Christian College, Chennai	4

studies to compare the ability of Andrographolide and its derivative to inhibit Nitric Oxide Synthase	Christina Susan Abraham, Host Antony David R	ctroscopy					
Prenatal exposure to bisphenol-A altered miRNA-224 and protein expression of aromatase in ovarian granulosa cells concomitant with elevated serum estradiol levels in F1 adult offspring.	Christy Lite, Ahmed, S.S.S.J., Santosh, W. and Seetharaman, B.	Journal of Biochemical and Molecular Toxicology	2019	10	Madras Christian College, Chennai	7
Computational evaluation of the reactivity and pharmaceutical potential of an organic amine: A DFT, molecular dynamics simulations and molecular docking approach	Christina Susan Abraham, S. Muthu, Johanan Christian Prasana, Stevan Armakovi?, Sanja J. Armakovi?, Fathima Rizwana B., Ben Geoffrey, Host Antony David R	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2019	10	Madras Christian College, Chennai	6
Gold(III) complex from	MurugesanSankarganesh, Jeyaraj Dh	Journal of Molecular Liquids	2019	14	Madras Christian College, Chennai	7

| pyrimidine and morpholine analogue Schiff base ligand: Synthesis, characterization, DFT, TDDFT, catalytic, anticancer, molecular modeling with DNA and BSA and DNA binding studies | aveethuRaja, Nagaraj Revathi, Rajadurai VijaySolomon, Raju SenthilKumar | | | | | |

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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Alpha decay half-lives calculation of even-even nuclei in the range 62<Z<118 using Gamow's theory	B. R. Sivasankaran, Christas Mony, K. V. Aarthy, Larny Mary Jayan	Nuclear Physics A	2019	156	Nill	Madras Christian College, Chennai
Nano-inclusion aided thermal conductivity enhancement in palmitic acid/di-methyl formamide phase change material for latent heat thermal	Amit KumarMishra, B.B.Lahiri, VijaySolomon, JohnPhilip	Thermochimica Acta	2019	127	Nill	Madras Christian College, Chennai

energy storage						
Spectros copic and quantum/cl assical mechanics based comp utational studies to compare the ability of Andrograph olide and its derivative to inhibit Nitric Oxide Synthase	Ben Geoffrey A.S., Johanan Christian Prasana, S. Muthu, Christina Susan Abraham, Host Antony David R	Spectroc himica Acta Part A: Molecular and Biomol ecular Spe ctroscopy	2019	114	Nill	Madras Christian College, Chennai
Molecular docking, s pectroscop ic studies on 4-[2-(D ipropylami no) ethyl] -1,3-dihyd ro-2H-indo l-2-one and QSAR study of a group of dopamine agonists by density functional method	Tintu K. Kuruvilla, S. Muthu, Johanan Christian Prasana, Jacob George, Rinnu Sara Saji,Ben Geoffrey, Host Antony David R.	Spectroc himica Acta - Part A: Molecular and Biomol ecular Spe ctroscopy	2019	114	Nill	Madras Christian College, Chennai
Computat ional evaluation of the reactivity and pharma ceutical potential of an organic amine: A DFT, molecular dynamics s imulations and molecular	Christina Susan Abraham, S. Muthu, Johanan Christian Prasana, Stevan Armakovi?, Sanja J. Armakovi?, Fathima Rizwana B., Ben Geoffrey, Host	Spectroc himica Acta - Part A: Molecular and Biomol ecular Spe ctroscopy	2019	114	Nill	Madras Christian College, Chennai

docking approach	Antony David R					
Spectroscopic and quantum computational study on naproxen sodium	Rinnu Sara Saji, Johanan Christian Prasana, S. Muthu, Jacob George, Tintu K. Kuruvilla, B.R. Raajaraman	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2019	114	Nill	Madras Christian College, Chennai
Are vinyl coupled furan derivatives better than vinyl coupled thiophene derivatives for optoelectronic applications? – Answers from DFT/TDDFT calculations	Duraikannu Gajalakshmi, Maria SusaiBoobalan, RajaduraiVijay Solomon, VenkatachalamTamilmani	Computational Material Science	2019	107	Nill	Madras Christian College, Chennai
DFT-TDDFT framework of diphenylamine based mixed valence compounds for optoelectronic applications – Structural modification of ?-acceptors	Antony PaulrajBella, MurugesanPanneerselvam, Swaminathan AngelineVedha, MadhavanJaccob, Rajadurai VijaySolomon, Johnson PrincyMerlin	Computational Material Science	2019	107	Nill	Madras Christian College, Chennai
Enhanced luminescence efficiency of structurally	Antony Paulraj Bella, Rajadurai Vijay Solomon, Swanminatha	Theoretical Chemistry Accounts	2019	104	Nill	Madras Christian College, Chennai

tailored new coumarin-based heterocyclic organic materials: a DFT/TD-DFT study	n Angeline Vedha Johnson Princy Merlin					
Vibrational spectroscopy, reactive site analysis and molecular docking studies on 2-[(2-amino-6-oxo-6,9-dihydro-3H-purin-9-yl)methoxy]-3-hydroxypropyl (2S)-2-amino-3-methyl butanoate	B. Fathima Rizwana, Johanan Christian Prasana, S. Muthu, Christina Susan Abraham	Journal of Molecular Structure	2020	98	Nill	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	37	100	4	41
Presented papers	65	49	4	1
Resource persons	9	16	8	9

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Dr. P. Hanumantha Rao	Technical Expert in BRC Auditing at Kaleesuwari Refinery Pvt. Ltd., Chennai during September 2019	TÜV SÜD Management Service GmbH, Munich, Germany	0
Dr. Selva singh Richard	Floristic Survey and Bio-diversity assessment	Christian Medical College, Chittoor Campuses	0

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
Dr. Anne Thomas, Prof. Arun Kumar, Prof. A Deepa Priyadarsini, English Dept, Madras Christian College	English for Arts and Social Sciences (Training Programme for Faculty Members)	Alagappa University	0	250

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
OUTREACH PROGRAM – SERVICE LEARNING CAMP AT KINGS AND QUEENS RESIDENTIAL SCHOOL, ARAKKONAM	DEPARTMENT OF CHEMISTRY	4	35
OUTREACH PROGRAM – SERVICE LEARNING CAMP AT ACCESS RESIDENTIAL SCHOOL GOVT HR SEC SCHOOL, AMBALAMOOLA, NILGIRIS	DEPARTMENT OF CHEMISTRY	4	20
Outbound Learning Programme	National Adventure Foundation	3	45
Clean India Programme in Thenmala Village, Kerala	Thenmala Village Panchayat	3	45
Disaster Management in Tourism for Stakeholders Students	Indian Institute of Tourism Travel Management	11	60
Basics of Tour Guiding - Live Interaction with Mahabalipuram Tour Guides	Mahabalipuram Tour Guide Association	2	28

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
Periodical Lecture	award / recognition	Government	120
Tamil Nadu Tourism Award 2019	Best College in Tourism Education	Madura Tours Travel (Reg.Govt Org)	300
8th State Level Talent Test - IGS	Certificate of Appreciation (Nodal Officer)	The Indian Geographical Society	669
Short film festival- World Hepatitis Day	Cash Award	Other Organized Body	20

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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
National Service Scheme	State Human Rights Comission	Internation Human Rihts Day Celebration	1	5
National Service Scheme	Vanavil Culture Centre	Walkathon to pay tribute to Bharathiyar	2	10
National Service Scheme	International Justice Mission	Lecture on Human Trafficing	3	30
National Service Scheme	HDFC Bank	Blood Donation Camp	5	60
National Service Scheme	Ministry of Human Resource Development	Survey on Availability of toilets in the households of Mappedu Village	1	50
National Service Scheme	Poshanmaah	Rally for Poshanmaah	3	100
National Service Scheme	University of Madras	Swachhta Shapath (Oath)	2	150
National Service Scheme	University of Madras	Swachh Pakhwra	2	150
National Service SchemeNational Service Scheme	Utkarsh Global Foundation	Plastic Awareness programme	2	100
National Service Scheme	Narcotics Intelligence Bureau (NIB-	Awareness program on Drug Abuse	3	200

		CID)				

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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
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
Education	Yazhini N	Own	150
Education	Moses Gnanasiromani Pandiaraj	Own	150
Semester Abroad Program	Aarcha Puthran	Self	180
Social Work Field Education placement	Sangeetha S	Placement and Accomodation	68
Social Work Field Education placement	Anjali Eloor	Placement and Accomodation	68

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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
National Internship	Internship	iSET Organisation (Integrated Socio- economic Enhancement Trust)	24/04/2020	09/05/2020	Prem R
National Internship	Internship	Centre for Harmonious Living	01/06/2020	30/09/2020	Anisha M Babu
National Internship	Internship	Youth Empowerment Foundation	24/04/2020	30/04/2020	Catherine
National Internship	Internship	Centre for Harmonious Living	01/06/2020	30/09/2020	Anjali G Eloor

National Internship	Internship	Action Aid India	20/04/2020	11/05/2020	Sangeetha S
Internship	Industry - News	Deccan Chronicle	30/11/2019	02/04/2020	A Jeba Rupavathi
Internship	Industry - News	News Today	30/11/2019	02/04/2020	Deeksha Verma
Internship	Industry - News	News Today	25/11/2019	02/03/2020	Bowrna P
Internship	Industry - News Analysis of Organic Heterocyclic Derivatives	News Today	25/11/2019	02/03/2020	Afrin Fowmitha A
National Internship	Internship	Youth Empowerment Foundation	22/04/2020	30/04/2020	Janet

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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Mahabalipuram Tour Guides Association	04/07/2020	Guest Lecture, Field Visit	28
Kishkinta Theme Park, Tambaram	10/07/2019	Placement Internship	1
Exodus Expeditions, Avadi, Chennai	09/07/2019	Placement Internship	2
Raj Meridien, Tambaram	08/07/2019	Internship	Nill
University west of Scotland	13/10/2020	To promote staff exchange and mutual visits, To establish collaboration on research To develop international links for the benefit of staff and students	Nill
Liverpool Hope University	06/01/2020	Promoting international collaboration by staff in joint teaching and research projects Exchanging academic information and publications	Nill

		Fostering internationalism through student mobility	
Covelong Point Social Surf School, Kovalam	09/07/2019	Internship, Placement Volunteering	Nill

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
35500000	128930395

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

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4.2 – Library as a Learning Resource

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

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

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	11893	5508657	36	34693	11929	5543350
Reference Books	5193	401463	49	61867	5242	463330

e-Books	3226569	362680	4189791	Nill	7416360	362680
Journals	142	285058	Nill	Nill	142	285058
Digital Database	4	362680	Nill	Nill	4	362680
CD & Video	387	19300	Nill	Nill	387	19300
Library Automation	1	100000	Nill	Nill	1	100000

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.N.Prabhu	Organic Reaction through non kinetic methods	Bandicam	Nill
Martina Betsy	Arrays in C	Bandicam	Nill
B.Babu	Lifecycle in Algae	Bandicam	Nill
M.Kumar	Classification of Fungi	Bandicam	Nill
G.Gnanasekaran	Bioremediation	Bandicam	Nill
J.ShanthaSheela	Fourier Series	Bandicam	Nill
RajaRajeswari	Vector Integration	Bandicam	Nill
Jobin Joy	Qualitative Methods	Bandicam	Nill
Hanumanth Rao	Biological Treatment of Sewage	Bandicam	Nill
K.Balakumar	Genetically Modified Food: Promises and Problems	Bandicam	Nill

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1360	17	2	13	4	7	32	1	0
Added	5	0	0	0	0	0	0	0	0
Total	1365	17	2	13	4	7	32	1	0

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
Bandicam Software	Nill
Smart Classrooms	Nill
Seminar Halls	Nill
Computer centre in Library	Nill
Audio booth in centre for media studies	Nill

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 incurredon maintenance of physical facilites
8116600	9695274	9047400	10883734

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 a 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 the campus life is normal. Normally departments, units, halls, residential staff and students register their maintenance requirement with the Estate office who inturn, attend 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 rest rooms and cleaning of classrooms and common areas is outsourced. The 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 regularbasis 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 and these

http://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	Nill	Nill	Nill
Financial Support from Other Sources			
a) National	Nill	Nill	Nill
b)International	Nill	Nill	Nill
View File

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
No Data Entered/Not Applicable !!!
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
No Data Entered/Not Applicable !!!
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
4	4	12

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
[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
No Data Entered/Not Applicable !!!	
[View File](#)	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The College Union Society (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 sin 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 fro a historic event called "Global Alumni Reunion." This Reunion was again held in 2016, to commemorate the 125th year of the Association, where almost 2000 alumni participated and relived their student lives here on campus. The Alumni of the college have also contributed to the development of Infrastructure on the campus. In 2016, the Physics and Chemistry laboratories were renovated with sponsorship from our alumnae Ms Indra Nooyi, 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 College. MRF Ltd has donated Rs. 22 Lakhs for the installation of an elevator

5.4.2 – No. of registered Alumni:

4721

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

566000

5.4.4 – Meetings/activities organized by Alumni Association :

ALUMNI The MCC Alumni Association organized many events to enrich the fellowship of the alumni and enhance the bonding with their alma mater. The Association conducted its Annual Alumni Carol Concert on 16th17thDecember 2019 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. Madam Chandrika Tandon visited MCC as chief guest of the 50th year celebration of the Department of Commerce of our College. The Alumni Association has granted 6 awards every year to 3 Humanities and 3 Science Professors for their outstanding research publications. The Quintessential Annual Old Boys Cricket Match was conducted on 8thFebruary 2020.

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 even students at different levels of decision-making. The College Union Society is predominantly a student body but includes the President who is the Principal of the College, the Vice-President and a Staff Advisor who are senior Faculty members. Student leaders are elected to various offices including the Chairman, the General Secretary and as leaders of various committees. This body is responsible for conducting various cultural and academic activities in the College. The annual cultural program, Deep Woods is wholly conceptualized, organised and executed through this body. The fact that the Senatus, an important decision-making body of the college, consists of the Chairman, and Secretary of the College Union Society is a testimony to the effective role of students in the institutional affairs. Department Associations, as bodies constituted with students as office-bearers, also help

in the conduct of curricular and extra-curricular activities of respective departments. The process of recruitment is decentralized at various levels. The College advertises the recruitment needs from time to time. The Heads of the Departments and senior faculty from the Department primarily screen the applications. After careful scrutiny, the candidates who satisfies the criteria for recruitment are selected and called for an interview. The members on the Interview panel would consist of the Principal, Bursar, representatives of the Board of Directors, UGC nominee, subject experts from other Colleges and Deans of the College.

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	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. The Departments that brought in changes in their curriculum include the Departments of History, Economics, Chemistry, Geography, Physics (SFS), Microbiology (SFS), Computer Application (SFS) and Visual Communication (SFS). An inter disciplinary course on Philosophy and History of Science was initiated by the Department of Chemistry. The Centre for Peace Studies launched a Diploma Course in Peace and Conflict Studies.
Teaching and Learning	The Institution provides the required facilities to ensure that the teaching and learning methods are effective. LCD Projectors, laptops and software like SPSS and Tally are provided to the Departments. 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 option of submitting question

	papers for the End of Semester examinations through emails was initiated. The remuneration for both the internal and external examiners have been made through Electronic Clearing System.
Research and Development	The College encourages Research Development through the Research Development Deanery. The Faculty is 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. The College allocates annual funds 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. A number of E-resources in the form of books and journals have been added. Various new sections are introduced exclusively for References, competitive exams etc. The library through ICT helps in empowering faculty and students to achieve excellence. An Air-conditioned conference room at the Department of Chemistry was dedicated. The staff room of the Department of Chemistry was refurbished, and a Computation and Instrumentation facility was set up with the support from Department of Science Technology. An elevator for the benefit of the differently abled students and staff was installed. The College has also set up its second green project Sewage Treatment Plant (STP).
Human Resource Management	The Dr. Chandran Devanesan 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 thus helping the faculty to stay abreast of the latest developments. Faculty Development workshop on Transactional Analysis was organised. These programs have helped not only in increasing the morale of the faculty members but in

	helping them to adapt to changes in perceptions and technologies.
Industry Interaction / Collaboration	The Library has an institutional collaboration with INLIBNET, 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 organizations have been resource persons for various programs organized by the College. Internship recruitment with EY, Zoho, Reliance and Hamleys was arranged and students were selected for internship. 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 publicizes admission to the College through the institution's website and by extensive advertisements in regional and national newspapers. A centralized admission process with updated software for efficient processing of application forms has been introduced. Admissions are made as the reservation policy of Tamil Nadu and the Government of India. The College does not collect any capitation fee for admissions thereby ensuring quality intake of students.

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

E-governace area	Details
Planning and Development	The process of planning and development is carried out effectively by using Information and Communication Technology to exchange information between the Head of the Institution / Department / Units and the faculty. This ensures that decisions can be taken quickly and successfully.
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 technology. 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, 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 Examination office is equipped with computers and software. The results are declared online. Students can apply for their examination and pay the fees online.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Mrs. Shophana	Two Days International Conference on Sports Science Yoga on Human Performance Enhancement	Madurai Kamaraj University, Madurai, Tamil Nadu	1500
2020	Mr. James Zachariah	Two Days International Conference on Sports Science Yoga on Human Performance Enhancement	Madurai Kamaraj University, Madurai, Tamil Nadu	1500
2020	Mr. P. Chidam baranathan	One Day Workshop (PRAYAAS) - Faculty Development Programme on	SRM Institute of Science Technology, Vadapalani, Chennai, Tamil Nadu	750

		Writing Research Articles in Social Science		
2019	Mr. P. Chidam baranathan	One Day Faculty Development Programme on Machine Learning and Artificial Intelligence for Business Solutions	SRM Institute of Science Technology, Kattankulathur, Chennai, Tamil Nadu	1000
2019	Arun Kumar J.	Oxford English Grammar	StarMark, Express Avenue Mall, Chennai, Tamil Nadu	475
2019	Christina Dhanasekaran	Conclave for Women in Academics - Empowering Women for Greater Exploits	Edinbaro Ministries, Chennai, Tamil Nadu	500
2019	Arun Kumar J.	Conclave for Women in Academics - Empowering Women for Greater Exploits	Edinbaro Ministries, Chennai, Tamil Nadu	500
2019	Phebe Angus J.	Conclave for Women in Academics - Empowering Women for Greater Exploits	Edinbaro Ministries, Chennai, Tamil Nadu	500
2019	Dr. Ms. Beutline Malgija M.	Conference on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design	Alagappa University, Karaikudi, Tamil Nadu	9440
2020	Ms. M. K. Vedavalli	One Day Workshop (PRAYAAS) - Faculty Development Programme on Writing Research Articles in	SRM Institute of Science Technology, Vadapalani, Chennai, Tamil Nadu	750

		Social Science			

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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)
2019	Myth and Modernity	Nil	11/07/2019	Nill	140	Nill
2019	Speaking Truth to Powers	Nil	12/09/2019	Nill	60	Nill
2019	Leadership and Serving People	Nil	08/10/2019	Nill	115	Nill
2019	University and Social Transformation	Nil	10/10/2019	Nill	65	Nill
2020	Social Business: Addressing Poverty	Nil	09/01/2020	Nill	60	Nill
2020	Social Media in Todays Context	Nil	13/02/2020	Nill	80	Nill
2020	Servant Leadership	Nil	29/02/2020	Nill	10	Nill
2020	Talent for Thought	Nil	12/03/2020	Nill	60	Nill

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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
Faculty Development Programme - National Institute of	1	17/06/2019	22/06/2019	6

Technology, Calicut, Kerala				
Refresher Course - UGC-HRDC, University of Hyderabad, Hyderabad, Telangana	1	18/07/2019	31/07/2019	14
Orientation Programme - UGC-HRDC, Pondicherry University, Puducherry	1	25/07/2019	14/08/2019	21
Refresher Course - UGC-HRDC, Pondicherry University, Puducherry	1	01/08/2019	14/08/2019	14
Refresher Course - UGC-HRDC, University of Madras, Chennai, Tamil Nadu	1	16/08/2019	29/08/2019	14
Refresher Course - Jawaharlal Nehru University, New Delhi	1	19/08/2019	30/08/2019	12
Orientation Programme - UGC-HRDC, Bharathidasan University, Tiruchirappalli	1	20/08/2019	09/09/2019	21
Refresher Course - Guru Angad Dev Teaching learning Centre, Sri Guru Tegh Bahadur Khalsa College, University of Delhi, New Delhi	6	01/09/2019	31/12/2019	122
Orientation Programme - UGC-HRDC,	2	11/09/2019	01/10/2019	21

University of Madras, Chennai, Tamil Nadu				
Faculty Development Programme - SRM School of Management, Kattankulathur, Tamil Nadu	1	20/09/2019	20/09/2019	1

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
42	41	16	4

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, and 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, and 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 Chandran Devanesan and Dr Mithra Augustine Endowment Lecture	100000	Received from Mr.Ninan John towards Endowment Fund
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6.4.3 – Total corpus fund generated

5871287

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	Nill	No	Nill
Administrative	No	Nill	No	Nill

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 organised by the college and the departments. Some of the programs include Department fest, 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. NAAC Interaction: The parents and NAAC Team has interacted with the parents of the students to assess the academic progress of the college.

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 for the staff on life style diseases Training camps on basic life support was conducted by MCC infirmary Dental Screening on oral hygiene was conducted in collaboration with Venkateshwara Dental college Training programs and workshops on Women Empowerment

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

Introduction of innovative programs / interdisciplinary courses Industry – Academia Partnership workshop International Collaborations

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
2019	IQAC – Regular Meeting	13/07/2019	13/07/2019	13/07/2019	10
2019	Sharing Knowledge you had abroad (SKY)	24/07/2019	24/07/2019	24/07/2019	60
2019	Enlightenment Enclave	16/07/2019	16/07/2019	16/07/2019	150
2019	Institutional Swachhta Ranking – 2019	30/07/2019	01/07/2019	30/07/2019	7226
2019	Enlightenment Enclave	28/08/2019	28/08/2019	28/08/2019	150
2019	Sharing Knowledge you had abroad (SKY)	29/08/2019	29/08/2019	29/08/2019	60
2019	Enlightenment Enclave	17/09/2019	17/09/2019	17/09/2019	150
2019	Sharing Knowledge you had abroad (SKY)	19/09/2019	19/09/2019	19/09/2019	60
2019	IQAC Regular Meeting	09/10/2019	09/10/2019	09/10/2019	10
2019	IQAC conducted Workshop on Intellectual Property Rights and patenting	21/11/2019	21/11/2019	21/11/2019	82

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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
A documentary on Female	06/03/2020	06/03/2020	80	70

Infanticide-AVAL by Dr. Prince Solomon				
A Special lecture on "Transformation through Empowerment" by Ms. Pranitha Timothy, CEO, Justice and Hope	10/03/2020	10/03/2020	32	20
Introduced course blog, www.genderjunctionwordpress.com. , Introduction of "HE for SHE Campaign" by Mr. Adarsh Vijay, Dept. of Political Science, MCC	10/03/2020	10/03/2020	30	12

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. 49 of power requirement is met by Solar energy in 2019-2020 2. Rain water harvesting system has been inspected to meet the existing situation. The existing lighting and other electronic appliances are being replaced with more energy efficient appliances, reducing energy footprint of the college.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	12
Provision for lift	Yes	500
Ramp/Rails	Yes	5
Braille Software/facilities	Yes	4
Rest Rooms	Yes	12
Scribes for examination	Yes	13
Special skill development for differently abled students	Yes	12
Any other similar facility	Yes	12

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages	Number of initiatives taken to engage with and	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff

	and disadvantages	contribute to local community					
2019	22	20	24/06/2020	4	Awareness program on Importance of wearing College ID	NSS- Rally on Awareness of Importance to wear College ID	50
2019	22	20	27/06/2020	5	Awareness program on Drug Abuse	NSS-An awareness programme on Drug Abuse to observe International day against Drug Abuse and Illicit Trafficking . Dr. Z.Annie Vijaya, IPS, Deputy Superintendent of Police, Chennai, was the Chief Guest for the occasion and delivered a speech	42
2019	22	20	02/07/2020	3	Awareness on Tree Plantation	NCC- Tree Plantation Events at MCC	50
2019	22	20	05/07/2020	4	Program on Plastic awareness	NSS along with the Utkarsh Global Foundation jointly organised an awareness programme	40

						to create plastic awareness . Advocate Londae was the Chief Guest for the occasion.	
2019	22	20	07/08/2 020	6	Awareness among the public about open defection	NSS- Door to door campaign to create awareness among the public about open defection	50
2019	22	20	22/08/2 020	4	Awareness program on Water Conservat ion	The vol unteers of NSS conduced a rally on awareness of Water Conservat ion	150
2019	22	20	10/09/2 020	2	Awareness program on Nutrit ional diet	Street Play was conducted by NSS vo lunteers in the college canteen by creating awareness on the nu tritional diet	20
2019	22	20	13/09/2 020	5	Blood Camp	NSS conduced a blood camp	170
2019	22	20	13/09/2 020	2	Awareness on Obesity	awareness lecture was give by the nu tritional	40

2019	22	20	15/09/2020	3	Awareness on nutrition and its importance	NSS went around the streets of Mappedu Village and made door to door campaign and created awareness among the people about nutritional practice	50

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Student Code of Conduct: College Calendar	19/06/2020	A part of college calendar, a copy each of which is distributed to each student at the beginning of academic year consists of Rules and Regulations regarding conduct while in premises of college, department, during examinations, academic regulations including articles on definition of ragging, and on college policy on ragging.
By-laws	Nill	Includes code of conduct for Principal and administrative staff.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Awareness programme on	27/06/2020	27/06/2020	200

International day against drug abuse, Madras Christian College			
Awareness programme on World Population Day, Madras Christian college	11/07/2020	11/07/2020	150
Swachhta Shapath- A pledge for keeping the surroundings clean	01/08/2020	01/08/2020	150
Vigilance awareness week- Meeting on Anti-Corruption, Madras Christian college	29/10/2020	29/10/2020	75
Vigilance awareness week -Pledge on Rastriya Ekta Diwas	31/10/2020	31/10/2020	60
Vigilance awareness week- Campaign on anti-corruption, Mappedu, Gypsy colony	01/11/2020	01/11/2020	40
Lecture on Human Trafficking, Social work department, Madras Christian College	11/12/2020	11/12/2020	30
Swachta Pakhwada action plan: "The way ahead", A seminar on Plastic waste management, Madras Christian College	13/12/2020	13/12/2020	41
International Human Rights Day Celebration	17/12/2020	17/12/2020	5
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Renewable resources such as solar energy (49) is used. 2. Post-Independence Day Clean up drive happens near the Quadrangle and canteen. 3. 29th August, 2019 – An Awareness campaign was done through Street Play on Planting Trees, near the Bell Tower of the college. 4. 16th September, 2019 – A Clean Drive competition in collaboration with Department of English (Aided) and Centre for Peace Studies was organised. 5. Campus cleaning was done by NSS volunteers on 3rd July, 2019 near Selaiyur Hall and near Macphail Art Centre- motto to keep our surroundings clean 6. Special dustbins are placed to collect plastic/non-

biodegradable waste. 7. Bicycles are used by students which is eco-friendly.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice: Sewage Treatment Plant Objective / Best Practice: STP - Processed to make water fit for irrigation and to recycle water wastage by bringing it into recyclable state. The Context: Green campus – To recycle the waste water being generated in the campus. The Practice: There are six Halls of Residence, Offices, departments and Residences on campus. The waste water that is generated is sent to the Sewage Treatment Plant, where the recycled water is sent out to the farm for irrigation practices. All Campus Sewage is getting recycled with outcome of 3.75 lakh liters of grey water per day apart from manure which is used for farm cultivation purposes. Evidence of Success: The Grey water collected forms good manure for the farm for agriculture. Problems encountered and resources required: Nothing mentionable. 2. Title of the practice: Best Practices established in the Miller Memorial Library Objective/ Best Practice:Supporting agency for academic learning and class room teaching. The Context: Fulfils the intellectual needs of the academic community/users and provides information service to the end user. The Practices: Library is fully automated since 2012. INSPROPLUS (Library Management Software) has been installed with the following five main modules of the library in-house operations. (Acquisition System, Cataloguing System, Circulation System (Issue, Return and Renewals) Serials Control System, OPAC (Online Public Access Catalogue) URKUND anti-plagiarism software has been installed in the Library for the evaluation process of M.Phil. Ph.D. Thesis. A one day 'Online training (EBSCO)' for Research Scholars and staff of our College was organized on 26th February 2018. The timing of Library for students has been extended as 8.00 a.m. to 7.00 p.m. Regular Information Literacy programs (INFLIBNET N-List and EBSCO) Orientation Programmes are organized. Complete safety is ensured with Surveillance cameras (CCTV / Fire Extinguishers). Free Internet access centre for students and faculty is available in the Library. Digital Library comprises various E-Database such as EBSCO, N-LIST, DELNET, QUESTIA and NDLI. Regular New Arrivals Display / New Books Added Alert, Library Happenings Alert using Social Media are done. In-House/remote access to e-resources (Links to National Digital Library and other subscribed e- resources is available. Research Carrels, Competitive Examinations Collection Corner, Anti - Plagiarism Software (URKUND) - For detecting, preventing and handling plagiarism, photocopy facility are also available. Radio-Frequency Identification (RFID) facility in the Library was dedicated on 26th September 2018. "Earn while Learn Scheme' for Students has been introduced which is very helpful for the students who are in need. Students are being awarded with Best User Award to Students based on maximum no. of visit and maximum hours of usage) Evidence of Success: Analysis of User Statistics - shows Increasing trend (After introduction of Internet Access, Wi-Fi, E-content, Video Screening, and Best User award, etc.,) Increasing awareness towards anti plagiarism checking (For Research articles, student projects and Project Proposal) Problems Encountered and Resources required: Nil.

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

7.3 – Institutional Distinctiveness

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

Academic Excellence: Madras Christian College is a green campus comprising

about 360 acres, having rich vegetation and varied fauna. It has good infrastructure facility with adequate residential facilities for students and staff. A farm, an infirmary along with other related amenities are there that contribute to the sustenance of the Excellent Status of the Institution in academics. Madras Christian College obtained the 13th position in the category of 'Arts and Science Colleges' in the country, (NIRF) 2019. According to 'India Today' ranking of Colleges, MCC was ranked 4th position in Science, and 5th position in Arts in India and No.1 in Chennai for the second consecutive year. As per 'The Week' ranking 2019, MCC was ranked 5th position in Arts and 6th position in Science in India. Our College has received the 'Higher Education Excellence Award - 2019' Arts Science Colleges, Chennai, from the Staffordshire University, UK and Education Matters, on 23rd July 2019. The College has received 'ThinkEdu Award for Excellence in Education', from the Hon'ble Chief Minister of Tamil Nadu, on 9th January 2020. Our College has been granted Extension of Autonomous Status for the period from 2019-2020 to 2023-2024 including ex-post-facto approval from the period 2018-2019 by the University Grants Commission, New Delhi. MCC has been re-accredited and awarded 'A' Grade for a period of five years from October 2019 to October 2024. Serving Humanity: Lion Dr P. Sivaraj Memorial Award has been awarded to Madras Christian College by the Lions Club of Central Madras, on 25th May 2019 for propagating, encouraging and organizing Voluntary Blood Donation Camps for many years. The College has been awarded the "Best College for Tourism Education in Tamil Nadu" on 11th April 2019 at Tamil Nadu Tourism Awards – 2019, as it serves the neighbouring people. Social Relevance: The Centre for Peace Studies has launched a Diploma Course in 'Peace and Conflict Studies' on 19th August 2019 for the benefit of students and the local community. MCC Pulicat Community College (MCC PCC) was commenced on 11th October 2019 at Estuarine Biological Laboratory premises, Pulicat, Ponneri Taluk, with two Diploma Programmes (Diploma in Healthcare and Diploma in Computer Hardware Services). Infrastructure Facility: Infrastructure facilities have been added on to the college to improve scientific discussions for faculty and students. An Air-conditioned Conference Room in the Science Block was dedicated on 20th April 2019. The Staff Room of the Department of Chemistry was refurbished and dedicated on 20th April 2019. Prof. Edward Barnes Computation and Instrumentation Facility (PEBCIF) in the Department of Chemistry was dedicated on 16th August 2019. An Elevator, for the benefit of the differently abled students and staff, was dedicated on 30th April 2019. 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

Provide the weblink of the institution

8.Future Plans of Actions for Next Academic Year

The Plan of action for the Academic year 2019 – 2020 is as follows: 1. Conduct a Workshop on Industry-Academia tie-up 2. Preparation for AISHE upload 3. Design a comprehensive Data Capturing System to include NIRF, AQAR and AISHE data