Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**CHETTINAD ACADEMY OF RESEARCH AND EDUCATION**
Name of the head of the Institution	**Prof (Dr) T Balasubramanian**
Designation	**Vice Chancellor**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04447411012**
Mobile no.	**9841202000**
Registered Email	**care@care.edu.in**
Alternate Email	**iqac@care.edu.in**
Address	**Chettinad Health City, Rajiv Gandhi Salai (OMR)**
City/Town	**Kelambakkam**
State/UT	**Tamil Nadu**
Pincode	**603103**

2. Institutional Status

University	**Deemed**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr Arunkumar Radhakrishnan**
Phone no/Alternate Phone no.	**04447413322**
Mobile no.	**9094752000**
Registered Email	**iqac@care.edu.in**
Alternate Email	**arunkumarr@care.edu.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://care.edu.in/naacselfstudy/uploadfiles/6.5.2-Link-for-AQARs-prepared-by-IQAC-2018-19.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://care.edu.in/academic-calendar/

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity Period From	Validity Period To
1	**B**	**2.83**	**2010**	**28-Mar-2010**	**27-Mar-2015**
2	**A**	**3.10**	**2015**	**16-Nov-2015**	**15-Nov-2020**

6. Date of Establishment of IQAC	**01-Jun-2010**

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

Seminar on Experimental & outcome based learning	14-Aug-2019 1	125
Workshop on scientific research writing	07-Aug-2019 1	40
IQAC Essay writing competition on performance of the Institution (CARE) in one area distinctive to its policy and thrust	23-Oct-2019 1	25
Workshop on recent trends in Teaching and Research	10-Oct-2019 1	226
Session on strategies for transforming libraries	25-Sep-2019 1	20
Workshop on AQAR Submission with reference to new guidelines of NAAC	17-Sep-2019 1	50
IQAC Internal seminar on opportunities for Health Sciences Institutions in Swayam	13-Sep-2019 1	45
Workshop on NAAC Revised Accreditation Framework	12-Sep-2019 1	25
Seminar on Leadership & Management in Education	28-Aug-2019 1	153
Session on Soft skills & Effective Communication	21-Aug-2019 1	130
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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
Dr. Pandian S	Development and Application of Multiscale Modeling for Complex Biological Systems and drug design	DST- SERB	2019 730	2101000
Dr. N.R.Jagannathan	Biomarkers in human diseases: A computational approach	DST- SERB	2020 1095	1674316
Dr. N.R.Jagannathan	To map metabolite profile of patients with chronic	DST- SERB	2019 1095	3660000

	prostatitis, prostate cancer (PCa) and normal volunteers (control):			
Dr. Arunkumar	Evaluation of impact of coastal pollution on human health	NCCR	2019 1095	10000000
Dr. M.H.Subramanian	A Clinically Applicable Predictive score in lumber Disc Disease in Formulating a surgical Plan	AOSpine	2019 365	177350
Ms. Geeva & Dr. Shoba Narayan	Studies on the Biopolymer Based Nanoparticles for Delivery of Drugs for Maniac Management	ICMR	2019 730	440000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
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	View File
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)

• Compiled data for Outlook iCare India University Ranking 2020 and awarded 6th Best Medical University, The Outlook Ranking 2020 and awarded 11th Best Private Medical Institution, WEEK Magazine 2020 and ranked 10th Best Private Medical College in South Zone, 15th Best Private Medical College in India and 32nd Best

Medical College in India

• Chettinad Academy of Research and Education is honored as a member in International Association of Law Schools, Association of Commonwealth Universities, DELNET, International Association of Universities, British Council Library and American Library

• Compiled data for QS I•GAUGE ratings and got Diamond rating

• Compiled data for NIRF Ranking 2020 and ranked 98th under University category

• Certification of ISO 9001:2015 was awarded to Chettinad Academy of Research and Education, Chettinad Hospital and Research Institute, Chettinad College of Nursing, Faculty of Allied Health Sciences and IQAC, Chettinad Academy of Research and Education.

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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
Preparation and submission of documents to UI Greenmetrics	Applied and secured 5th rank in the country
Preparation and submission of documents to WEEK HANSA and OUTLOOK I-CARE ranking	"The WEEK Magazine 2020 Ranking • 10th Best Private Medical College in South Zone • 15th Best Private Medical College in India • 32nd Best Medical College in India The Outlook Ranking 2020 • 11th Best Private Medical Institution • 6th Best Medical University"
Preparation and submission of documents to ISO	ISO certification for University and its constituent colleges and Internal Quality Assurance Cell (IQAC) obtained.
Quality enhancement for central clinical laboratories - Renewal of NABL accreditation	Renewal of NABL accreditation obtained
Preparation & Submission of application to MCI/NMC, COA and PCI renewal of permission	"Recognition / Renewal of recognition of MBBS and various MD/MS courses. Approval obtained from COA and PCI for admitting candidates in Architecture and Pharmacy course respectively for the academic year 2020-21"
Preparation & Submission of the NIRF 2020	Applied and secured 98th rank in the University category
Preparation & Submission of the AQAR 2018-19	Successful submission of AQAR 2018-19
To Conduct National Conferences, Seminar and workshops on quality	IQAC has been instrumental in perceptible increase in number of

initiatives	Workshops, CMEs, few National level Conferences with bringing in many national International experts in various fields across
Sensitization of IQAC members on the methodology to fill eSSR	IQAC members helped preparation and fill up of the e-SSR of Health Sciences Manual
Preparation of annual report of CARE	Annual report submitted to UGC
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Board of Management	**05-Jan-2019**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**08-May-2020**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2020**
Date of Submission	**03-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)	**Our Institute has e governance system in place for more than 10 years. We have dedicated team of designers and developers, who have expertise in delivering end to end successful products. Most of the management systems are inhouse developed and tested successfully by our IT team. We have installed and periodically upgraded the following modules with regard to various domains of management information system. 1. Hospital Management System 2. Medical Records Management System 3. Patient / Billing management system 4. Lab management system 5. Human Resource Management System 6. Smart Campus Management System 7. Learning Management System 8. Material Management System 9.**

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
MSc	AHPG2HEYO	Health and Yoga	24/07/2019
MBBS	MEUG6MBBS	Faculty of Medicine	29/11/2019
PG Diploma	MEPD1DPCE	Clinical Embryology	29/11/2019
MSc	AHPG2OHIS	Occupational Health & Industrial Safety	29/11/2019
BSc Nursing	NSUG2PBBSC	Nursing (Post Basic)	29/11/2019
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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 University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MSc	Medical Bionanotechnology	19/11/2010
MSc	Clinical Research & Experimental Medicine	19/11/2010
MSc	Medical Biotechnology	19/11/2010
MSc	Marine Pharmacology	29/04/2011
MSc	Health & Yoga	27/07/2011

MSc	Counseling Psychology	20/01/2012
MSc	Occupational Health & Industrial Safety	12/10/2012
BSc	Allied Health Science	12/10/2012
PG Diploma	Clinical Embryology	12/10/2012
Integrated(PG)	Eccocardiography & Cardiovasc. Imaging Tech.	23/09/2013
Integrated(PG)	Radiology & Imaging Science Technology	23/09/2013
BSc	Medical Biotechnology	08/05/2013
MSc	Tissue Engineering & Regenerative Medicine	30/10/2014
BSc	Medical Bionanotechnology	30/10/2014
BSc	Medical Genetics	30/10/2014
MSc	Medical Genetics & Molecular Diagnostics	30/10/2014
MSc	Human Nutrition	25/03/2015
MSc	Cardiac Technology	28/07/2017
MSc	Radiology & Imaging Science Technology	28/07/2017
MSc	Perfusion Technology	28/07/2017
MSc	Respiratory Care Technology	28/07/2017
MSc	Medical Laboratory Technology	28/07/2017
MSc	Renal Dialysis Technology	28/07/2017
MSc	Emergency and Trauma Care Technology	28/07/2017
BSc	Counseling Psychology	28/07/2017

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
No Data Entered/Not Applicable !!!		
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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
No Data Entered/Not Applicable !!!		
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

Chettinad Academy of Research and Education (CARE) collects online structured feedback from different stakeholders including students, parents, teachers, employers, guests, alumni and patients on various criteria including academic, library, administration, infrastructure, student support, services, etc., CARE IQAC coordinates in all the aspects of the feedback process starting from the collection, analysis taking appropriate action and also maintains the feedback reports. The points are calculated according to the grades given by the different stakeholders in various criteria. The Average and percentage of various criteria are calculated. The strength and weaknesses mentioned by the stakeholders are summarized. All the collected feedback along with the analysed reports are placed in the IQAC committee meeting. The specific areas requiring improvements are submitted to the concerned departments for necessary action. The corrective measures to be taken/action to be taken are placed in the BOS, Academic council, BOM of CARE wherever required seeking approval. All the corrective measures after approval from the various committees are implemented. IQAC ensures to update/modify the feedback forms based on the action taken/corrective measures/emerging requirements from different stakeholders. Feedback and action taken report for 2019-20 i. To increase the availability of extra learning contents and subject videos to improve their understanding about the learning objectives, e contents were developed by all the faculty and was regularly updated and made available to the students in the learning management system ii. To equip the students for PG competitive examination, MCQs based assessments were conducted regularly. iii. To improve the student's approach towards patients, regular clinical postings and outreach programmes were conducted to understand the local population health issues iv. To improve the student's confidence and patient handling, skill lab trainings were organised to train them. v. To increase the patient flow, number of health camps, outreach programs, village adoption and free investigation was conducted vi. Talks on career guidance were arranged to improve the placement of students in various fields vii. Students cell committee and international students' cell were formed to address the student's grievances viii. Library timing was increased for the students which help the students to refer materials more often ix. To introduce extra training programmes that will help the students to become more contented for industry jobs/pursuing their studies, provision for the internship / industrials visits has been introduced, with the participant students being provided ON DUTY attendance during the period of internship x. As per the student's recommendation to increase the project work time, one subject has been replaced with the UG project /dissertation from the curriculum during the project semester, so as to provide the students with ample time to collect samples and process them. The PG students have the Project dissertation only, to be carried on during their final semester, so they were satisfied with the timings devoted for their dissertation work during the course

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
No Data Entered/Not Applicable !!!				
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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	498	203	59	273	332

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
No Data Entered/Not Applicable !!!					
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 is trusting relationship that brings people together and CARE follows an effective mentoring system from the very start of the students' academic journey as the mentors are allotted to every student at the start of the session of their enrolled programs and the details are also uploaded on the Learning Management System for an easy access for both students and faculties. In order to build trust and a productive relationship mentor here gives full attention when communicating and engage in good listening skills for giving constructive feedback that includes both criticism and praise. For the effective results of this mentoring system, CARE has established clear, shared expectations for the relationship including time commitment, specific meeting schedule in the time table of the students, and ground rules. An efficient mentoring practice includes regular follow up to help mentee keep on track for which there are mentoring template is available to be filled out during every scheduled meeting by the mentor and mentee. Mentors at CARE helps the mentee in academic and personal areas, help in promoting career advancement through advising the mentee on ways in which to manage and excel at academic job responsibilities such as regular syllabus, research, etc. and also monitor regular progress in terms of attendance monitoring, mid-semester marks, continuous assessment, etc. Mentors regularly interact with the mentee's parents through e-mails, calls and text messages for providing them clarity about their ward's status in order to receive full cooperation from the parents for their ward's growth. The outcome of the Mentorship programs include: a) Counselling in both academic and personal areas b) The motivation for professional enrichment and participation in extra-curricular activities c) Nurturing the mentee's career through assisting him/her in identifying and choosing career development opportunities d) Linking the students to colleagues and professional networks for hands-on experience.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2290	332	1:7

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned	No. of filled positions	Vacant positions	Positions filled during	No. of faculty with

positions			the current year	Ph.D
332	**332**	**Nill**	**31**	**38**

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
No Data Entered/Not Applicable !!!			
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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
No Data Entered/Not Applicable !!!				
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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
17	**1798**	**0.9**

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://care.edu.in/naacselfstudy/uploadfiles/Programme_outcome_and_course_outcome.pdf

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
No Data Entered/Not Applicable !!!					
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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://care.edu.in/naacselfstudy/uploadfiles/1.4.1-2019-20.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – 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
No Data Entered/Not Applicable !!!				
View File				

3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
No Data Entered/Not Applicable !!!		
View File		

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
No Data Entered/Not Applicable !!!				
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3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
No Data Entered/Not Applicable !!!		
View File		

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
No Data Entered/Not Applicable !!!				
View File				

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
Institute Innovation and Incubation cell	Mr.Vijay, Director	Dalmia Laminators Private Limited	Dalmia Laminators Private Limited	Industry	03/03/2020
Institute Innovation and Incubation cell	Mr.Raghavan, Director	Aqua Alloys Private limited	Aqua Alloys Private limited	Industry	21/01/2020
Institute Innovation and Incubation cell	Ms.Sruthi, Director	Dhanvanthiri Biomedical	Dhanvanthiri Biomedical	Pharma	16/12/2019

Institute Innovation and Incubation cell	Dr. Narashimman, Chairman and Managing Director	Asthagiri Herbal Research Foundation	Asthagiri Herbal Research Foundation	Pharma	16/09/2019

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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
Anatomy	1
Biochemistry	1
Medical Biotechnology	6

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)
No Data Entered/Not Applicable !!!			

View File

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
Faculty of Allied Health Sciences	15
College of Nursing	19
Chettinad Academy of Research and Education	2

View File

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			

View File

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
No Data Entered/Not Applicable !!!						

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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
No Data Entered/Not Applicable !!!						

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

Number of Faculty	International	National	State	Local
No Data Entered/Not Applicable !!!				
View File				

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)
No Data Entered/Not Applicable !!!			
View File			

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
No Data Entered/Not Applicable !!!				
View File				

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
No Data Entered/Not Applicable !!!			
View File			

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
No Data Entered/Not Applicable !!!			
View File			

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
No Data Entered/Not Applicable !!!				
View File				

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
No Data Entered/Not Applicable !!!			

	View File	

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
No Data Entered/Not Applicable !!!					
View File					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
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
3800	3145

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

4.2 – Library as a Learning Resource

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

Name of the ILMS	Nature of automation (fully	Version	Year of automation

software	or patially)		
Chettinad Health City Library Management System	**Fully**	**V 1.0**	**2018**

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
[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
No Data Entered/Not Applicable !!!			
[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	**586**	**9**	**586**	**1**	**1**	**13**	**7**	**155**	**0**
Added	**56**	**2**	**56**	**1**	**1**	**2**	**1**	**869**	**0**
Total	**642**	**11**	**642**	**2**	**2**	**15**	**8**	**1024**	**0**

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

1024 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
Centre for e-content development	https://care.edu.in/naacselfstudy/uploadfiles/4.4.4-QlM-W2-Geotagged-photographs.compressed-1-Final.pdf

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
3600	**2930**	**2000**	**1626**

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, provide link)

The university campus exhibits an excellent academic ambience with buildings constructed with sustainable building materials. Further, the technologies employed in the campus are water conserving, energy efficient and renewable energy sources. Our university has established a robust system for maintenance of physical and academic support facilities. A range of committees, offices and persons are entrusted with the responsibility of a periodic and regular review of the status of the facilities and of planning and executing maintenance related activities promptly. The Maintenance Committee oversees the maintenance and utilization of academic, physical and support facilities such as library, sports complex, labs, classrooms, computers and other facilities. The Committees are responsible for planning, purchasing and controlling the use of physical resources on the advice of higher authorities. Maintenance of infrastructure: There is a dedicated Infrastructure Maintenance Department consisting of a team of professionally qualified and experienced technical staff for biomedical, electrical, civil, mechanical, painting, carpentry and plumbing works. The infrastructure is well maintained by strictly adopting the prescribed Standard Operating Procedures. Regular scheduling of maintenance work with logbooks enables optimum usage of the facilities by students, faculty and staff both academic and administrative. Cleanliness of campus: Adequate in-house employees are available to maintain hygiene, cleanliness of the campus to provide a congenial learning ambience. Classrooms, Faculty rooms, Seminar Halls, Hospital and Laboratories etc. are cleaned and maintained regularly by house-keeping staff assigned for each zone. Washrooms and rest rooms are well maintained. Dustbins are placed at strategic locations. Great care is taken for maintaining the Green Cover of the campus. Equipments: Optimum working condition of all equipments is ensured through AMCs. Equipments under warranty are maintained by the vendors. ? For maintenance of high-end equipments such as CT Scan, MRI etc. AMC is signed with the authorized agencies/manufacturer only. ? Maintenance labels are placed on equipments, such as date of service due date of next service. ? Every department maintains a stock register and logbook for the available equipments. ? All costly equipments, generators, water purifiers, air conditioners, elevators, energy systems etc. are maintained through AMCs with the supplying / installing agencies ? Separate maintenance contracts are in place for the Pest Control, Garden Maintenance, and Security Services. Laboratories: All medical equipments are taken care by Biomedical department and also through AMCs. Periodic reports about repairs and maintenance are sent to the maintenance department by the respective HODs. IT and Computers: The IT Department of the university attends to technical issues related to computers and IT services. Steps are taken for periodic up gradation of IT infrastructure including LMS, Wi-Fi etc. Safety: Safety of the campus is ensured through surveillance cameras. Entry into the campus is regulated through turnstile mechanism and uniformed security guards are posted at vantage points to provide security to students and employees. The maintenance activities are properly budgeted and adequate financial resources are allocated based on priority. The budget allocated is optimally utilized towards maintenance and continuous upgradation of facilities

https://care.edu.in/maintanence-of-physical-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	Scholarships / Freeships / fee waivers	1715	31448790

Financial Support from Other Sources			
a) National	JRF, Scholarships for UG and PG students	11	1065900
b)International	-	Nill	0
[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 !!!			
[View File](#)			

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 !!!					
[View File](#)					

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	7

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 !!!					
[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
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 !!!		
View File		

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 !!!						
View File						

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

Students constitute major stakeholders in the institutional growth. Utilization of the support and ideas of the students is of paramount importance for the prosperity and well-being of the institute. CARE always strives to build a relation of mutual respect and inculcate a sense of pride amongst the students for their own institution. Our university is proud of its Students' Council, which is constituted with the students of all programs of the university. The Council comprises of a team of seven office bearers of the Executive Committee and ten members representing various constituent colleges of CARE. The Vice Chancellor of the university is the Patron of the Council and the Advisers guide the Council in all its activities. The members of the Council participate in brain storming sessions and formal meetings are convened for formulating strategies for the overall curricular, co-curricular and extra-curricular development of the students. The Council nurtures academic, administrative, humanitarian, extra-curricular and professional domains of the students of CARE. The Council encourages students to participate in various academic events like quiz, debate, poster designing and essay writing competitions conducted in CARE and other colleges. The Council (represented by 5-6 students) receive the feedback on teaching-learning processes like teaching, course content, study material, practical sessions from the departments and forward the same necessary analysis and follow up action, thereby playing a pivotal role for quality improvement. Student Council also discusses about the improvements to be made in the library facilities and recommends books, journals to be procured. The Council takes step on the feedback on Hostels and Amenities, Anti-Ragging initiatives, Alumni Association, Grievances Redressal, NSS etc. The Council takes the responsibility of promoting and encouraging the involvement of students in organizing various sports, social initiatives and community outreach programmes and recreational activities of the college in coordination with faculty advisors for Annual Sports, Cultural Fest, Freshers' Welcome, Farewell, etc. The Student Council of CARE publishes a monthly e-Newsletter that showcases the talents of students in the form of poetry, paintings, riddles, articles and the editorial skills of the students as well. The annual intercollegiate cultural event CHETFUSION/CHETFEST conducted every year is a platform for the students of CARE and other institutions in Tamil Nadu to showcase their talents. The Council also provides a rendezvous for students to

exhibit their talents in sports and games by organizing an intercollegiate Sports Meet every year. The members of the Council play an active role in community engagement through health camps, Swatch Bharath, tree sapling planting activities and disaster recovery measures. The Council also conducts health and social wellbeing awareness programs in the rural areas of the district. The Council extends its services to all students and Alumni for placements and pursuing higher education in premier institutes. The Council maintains a formidable relationship between students and faculty, administrative officials and the management.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

With the objective to nurture a bond with the Alma Mater, to enhance employment opportunities and to create a networking platform to share and influence the success stories of our alumni, our university has established the Chettinad Academy of Research and Education Alumni Association and the same is registered under Tamil Nadu Societies Registration Act, 1975. The association holds meetings to chalk out the plans and activities to further enhance the reputation of the university. The Alumni Association fosters the spirit of loyalty towards the university and promotes its welfare activities, thereby benefiting the students of the university. The Alumni Association organizes interactive sessions to motivate current students about the employability and educational opportunities abroad. Our alumni share their views in social networks, blogs and forums. Also they provide feedback on competencies they gained during their study and provide valuable information to improve curriculum on a continual basis. The principal objectives of the Alumni Association are: ? To provide a platform for establishment of a relationship and a link among former students and current students of the university to share their experiences, feelings and interests. ? To bestow an opportunity for social and professional networking among alumni members. ? To function as ambassadors of the university and facilitate its students in their career development activities. ? To utilize the rich experience of ex-students of the university for the benefit and progress of the current students, to promote campus placements by utilizing their contacts in various industries. The association is responsible for keeping complete track of alumni and to keep them informed about the current happenings of the institution. The association makes substantial contribution to the university both in financial and non-financial modes. The financial contributions are utilized for the development of infrastructure, purchasing advanced equipments and supporting and encouraging the academic performance of the current students through prizes, scholarships etc. The Association has so far contributed Rs. 6,90,000/- towards financial support. The non-financial support includes, • 'Alumni on Campus' - an interactive program for the benefit of current students during which alumni share and interact about worldwide opportunities, provide them career guidance, guide them for both the competitive and university exams, share their professional experiences for in-depth understanding of issues and challenges • Reaching the unreached through medical camps in various rural areas and providing them the basic medical care. • Conducting school camps and imparting the knowledge on various aspects of health among the budding minds. • Conducting awareness programs on 'child abuse', 'tobacco control', 'de-addiction', 'personal hygiene' etc, through talks or performing skits which will be easy for the civilians to understand. • Donation of books to the university library. So far 1295 books have been donated. The alumni visit the university periodically to guide the current students in organizing and executing various academic programs, cultural events and sports meets. Another important contribution of our Alumni Association comes through various

personality development programs to enhance the overall skill set of the students.

5.4.2 – No. of registered Alumni:

2531

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

134000

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Association Activities (2019-20) 1. Free Medical Camp: (21.03.2019 to 23.08.2019) 2. Road Safety Awareness program (07.09.2019) 3. Distribution of old clothes to Orphanage (02.10.2019) 4. Alumni Meet: 'Confluenze' (25.01.2020) 5. Camps for People with Special Needs (06.03.2020) 6. Virtual Alumni Meet for Medical Alumnus (06.08.2020) 7. Camps for Visually Impaired People (December 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 organizational structure of the university is so designed that it fosters decentralized decision-making. Each department of the university is entrusted to an officer who heads it. These officers are empowered to take decisions within the defined scope of their work. This has resulted in the decentralization of activities in our university and provides built-in department-wise reporting structure. BOM of the university decides the policies of the university and allows freedom to the Vice Chancellor to develop and execute plans for such policies. Similarly the Vice Chancellor authorizes the Dean, HODs and faculty members in charge of different activities to plan, organize and execute the different policies. The internal coordination is carried out by the HODs for academic matters and Registrar for administrative matters. The effective implementation of the policies and improvement are achieved through the continuous monitoring of the execution and evaluation through review meetings. Two practices of decentralization and participative management during last year 1. Establishment of New School in Law, Architecture, Pharmaceutical Sciences Physiotherapy The BOM of the university took a decision that the university should start Chettinad Law School to offer quality education in law. This was duly approved by the Academic Council in its meeting. The entire project was decentralized function-wise. On the administrative side, approval from BCI, COA, PCI, AICTE, UGC, infrastructure for classrooms and faculty rooms, adding books and journals in the library, recruitment of faculty for the new programs and admissions to the program were the subtasks. On the academic side, the subtasks included curriculum for the program and evaluation system. These were completed by the concerted actions of HODs, faculty members, BOS and Academic Council. Operational decisions were taken at each level and both faculty and staff participated with great enthusiasm in the decision making and execution of the subtasks, demonstrating participative management. 2. Increase in intake of students for MBBS program Our university exhibited the strength of decentralization and participative management with resounding success when our BOM took the decision to go for additional intake for MBBS program. The decision of the BOM was duly endorsed by the Academic Council. The decentralization exercise defined the subtasks which included approval from MCI, recruitment of additional faculty and staff, classrooms and lab, library and hostel facilities. The heads and the respective members of various administrative departments participated in all the subtasks

through effective decisions and efficient operations. This vindicated the power of decentralization for the growth of the university. To create an atmosphere of inclusive participatory management and to infuse the feeling of belongingness the BOM has created a solar system of network a core committee with a representation from all sectors forms a centre of activities. The core committee is supported by satellite committees representing each area of activity and development. In this committee the faculty represents their voice and opinions for future strategy as well as plan of action and the deliberations of the satellite committees are taken up in the core committee.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	• Implementation of e-governance in student admission and support • University administration Information Management System for student fee collection and managing student information of new students
Industry Interaction / Collaboration	• Several MOUs are signed with various relevant industries at National and International levels. • The Students of Allied health sciences, Pharmacy and Pharmacology students are posted to various Industries in life sciences, pharmaceuticals and Clinical research organizations to get training. • Health care services are offered to various Industries and companies. • Patent collaborations are encouraged among faculty to undertake collaborative product development with industries.
Human Resource Management	• Performance of teaching and non teaching staff is assessed by KRA system. • Online employee management system and HR management system is implemented. • Periodic training in allied and non-core areas is offered to teaching and non-teaching staff. • Staff Grievance Redressal mechanism is well defined. • Time dependant and performance dependant increments and incentives are offered. • Constant monitoring of attritions and retention of staff is undertaken through online mechanisms. • Maternity leave with full pay benefits. • Sabbatical leave with pay benefits. • Academic leave for attending conferences and presentation of papers besides other training activities

Library, ICT and Physical Infrastructure / Instrumentation	• Admission procedures are well defined. Medical admissions are made through NEET. The admissions in other courses are handled with full transparency and merit absolutely complied with. • Fee fixations committee that includes external members, recommend the fees for the respective programs and courses which is applied at the time of admission of students. • Scholarships are awarded to the 1st time graduates in the family, underprivileged people and highly meritorious students. • The rural and urban schools are approached to create awareness of various traditional and innovative courses which will help the students to choose their field of interest.
Research and Development	• Workshops on Research Methodology, IPR • Sessions on Plagiarism Policy • Establishment of Innovation Incubation council (IIC) • Promotion of UG/PG research culture • Upgraded research laboratories
Examination and Evaluation	• In-house developed LMS is used for training the students. Web based online portal has the scope of uploading the lecture content, viewing the content online, interaction with the faculty and conduct of evaluations. • Competency based medical education is introduced for medical students. • In addition to didactic lectures, small group discussions, role play, flip classes, puzzles, problem based learning, seminar, symposium, vertical and horizontal integration are followed. • The teaching and non teaching staffs are offered values added programs to improve their compute, language and administrative skills. • The surgical procedures are live telecast for better student training
Teaching and Learning	• In-house developed LMS is used for training the students. Web based online portal has the scope of uploading the lecture content, viewing the content online, interaction with the faculty and conduct of evaluations. • Competency based medical education is introduced for medical students. • In addition to didactic lectures, small group discussions, role play, flip classes, puzzles, problem based learning, seminar, symposium, vertical

	and horizontal integration are followed. • The teaching and non teaching staffs are offered values added programs to improve their compute, language and administrative skills. • The surgical procedures are live telecast for better student training
Curriculum Development	• Faculty are actively involved in the curriculum development and updation • Faculty are trained by attending continuous educational programs • CBCS is followed in FAHS. • Value added courses / skills are added to the existing curriculum of all the programs. • Well equipped skills lab is available in the medical and nursing • colleges to impart training in skill acquisition as per International standards. • Students are trained in relevant Industrial practices wherever appropriate • All the PGs have to undergo training in research methodology in E portals of Govt. of India offered by National Institute of Epidemiology

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

E-governace area	Details
Planning and Development	We have implemented E-Governance in Planning and Development activities of the university. Information and Communication Technology (ICT) is liberally used for strengthening administration and managing the day to day activities of the campus. We have adopted e-governance in the process of registration, admission, student information, classroom allocation, Time Table preparation, transport, attendance and library services. Salary and expenses, examinations, HR activities, hostels administration etc. We also effectively use ERP for budgeting, planning, analysis, data storing and for better decision making.
Administration	A Management Information system is used very effectively and efficiently in administering the activities of the university with the help of information technology. The campus is wifi enabled. All communications between departments, faculty are accomplished through emails. The vast potential of ERP LMS are exploited for monitoring students' attendance and their performance in the examinations. Results of the internal

	tests are communicated through ERP. The classroom teaching is monitored by recording the classroom sessions.
Finance and Accounts	CARE is a cashless campus. Technology is profusely used at every level in the campus. The fees are collected online, payments to vendors are made through bank accounts and salaries to employees are credited to their accounts directly. The university accounts are subject to internal and external audits.
Student Admission and Support	Implementation of e-governance in student admission and support • University administration Information • Management System for student fee • collection and managing student information of new students • Login Page • Student Admission Entry • Student Cancellation and Transfer
Examination	The office of COE is automated and integrated using computer network, which speeds up the exam framework and enables the publication of results earlier much to the satisfaction of all the stakeholders. The Examination Management System (EMS) has been developed in house by a team of qualified IT professionals. The software consists of various modules such as students registration, program master, schedules, application generation, fees payment, hall ticket printing, Ph.D registration and evaluation, managing a dynamic panel of experts for question paper setting, evaluation, bar code scanning of answer sheets, etc. The EMS supports generation of variety of reports such as list of students registered under each program batch wise, list of subjects with details of all programs, attendance, IA marks list, TMR, etc.

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
No Data Entered/Not Applicable !!!				
[View File](#)				

6.3.2 – Number of professional development / administrative training programmes organized by the University 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)
No Data Entered/Not Applicable !!!						

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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
No Data Entered/Not Applicable !!!				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
332	332	1233	1233

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• Provident Fund: All the non-teaching staff are provided the EPF facilities as per norms of our university. • Gratuity: All employees are eligible for gratuity as per norms. • Employee State Insurance (ESI): All the employees drawing salary uptoRs. 21000/- per month are included in the ESI Scheme. • Accident Insurance Scheme (GPA): Non-Teaching staff are covered by a group personal accident cum hospitalization policy and premium is paid by the management. • Maternity Leave Benefits(ML): Maternity leave of six months with pay is extended to all female employees as per rules. • Statutory Leave: Employees are eligible forEarn Leave (with	• Provident Fund: All the non-teaching staff are provided the EPF facilities as per norms of our university. • Gratuity: All employees are eligible for gratuity as per norms. • Employee State Insurance (ESI): All the employees drawing salary uptoRs. 21000/- per month are included in the ESI Scheme. • Accident Insurance Scheme (GPA): Non-Teaching staff are covered by a group personal accident cum hospitalization policy and premium is paid by the management. • Maternity Leave Benefits(ML): Maternity leave of six months with pay is extended to all female employees as per rules. • Statutory Leave: Employees are eligible forEarn Leave (with	• Weekly Screening of Movies • Banks and ATM • Stores • Gym • Salon • Food court • Sports coaching • Cultural fests • Scholarships, fee waivers and freeships • Hostels and Amenities • Anti-Ragging initiatives • Alumni Association • Grievances Redressal

encashment facility), Casual Leave, Study Leave as per norms. • Medical Welfare Schemes: Employees and their families can avail the medical facilities at our hospitals with concessions in charges. • Staff Accommodation: Our university provides Villas, Apartments and Hostel accommodation within the campus to the employees. • Transport Facility: Buses are run for pick up/drop of employees from selected spots in the city. Free Two wheeler / Covered car parking is provided to employees. • Campus Movement: Cycles are provided at prominent locations for commuting across the campus. • Security: The campus has turnstile access across specific locations and is fully secured with uniformed guards. The campus is monitored by CCTV which enhances the security provided. • Care of New Born:Facility is available within the campus for nursing mothers for feeding infants at specific intervals. • Yoga Centre: A well-equipped Yoga Centre is available for all employees. • Bank ATM:A bank and two ATMs are functioning in the campus catering to the banking needs of employees. • Stores: A multi-purpose store is available to meet out the need for provisions and stationeries. • Food Court: A multi cuisine food court is available within the campus for all employees. • Sports: A well-equipped indoor stadium, gymnasium and

play-ground for outdoor sports are available for both teaching and non-teaching staff. • Incentives: Based on performance appraisal, employees are granted incentives. • Bank Loans: Personal loans are arranged to staff through banks at subsidized rate of interest. • Uniform to doctors: University provides uniform to doctors free of cost. • Refreshments to employees All the employees are served with coffee/tea with biscuits both forenoon and afternoon sessions. • Sodexo Food Card: The administration of the university provides Sodexo Food Cards to all employees to make shopping easier. • For Academic Activities: • Financial support along with Academic (paid) leave for presenting papers at seminars and conferences etc., andpublication of research papers in journals and membership fee • Financial support for organizing workshops, seminars conferences by all departments. • Permission is accorded to use the equipment/instrument/library facilities to obtain higher qualification / carry research work.

6.4 – Financial Management and Resource Mobilization

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

Our university conducts internal and external audits by strict procedures. All the Accounts in our university are maintained digitally in ERP using Sage ACCPAC, an integrated Hospital Management System and Accounting software. The financial monitoring mechanism of the university involves internal and external audits, payments through banks, purchase based on tenders and quotations, transparency in transactions. Internal Audit: In our university, internal audits are done on a regular frequency/ concurrent basis by the internal audit team deputed by the Trust Head Office. Based on the accounts and records submitted by our university office, the internal audit team does verifies all

vouchers, supporting documents, records and books, transactions and the respective e-statements in each financial year including budget estimations, utilizations, cash transactions, bank reconciliation statements, verification of the events happened in the area of financial managements. Mechanism of internal audit and settlement of objections implemented in the institution is as follows: a) Examine the previous financial statements b) Evaluation of Internal control system c) Verifications of student's fee registers d) Authorization of fees concessions, controls, policies e) Examining the statutory payments to different bodies like EPF, ESI, TDS, Income Tax f) Examining the Bank Pass book g) Examining Sponsorships, Deposits, Payments h) Interdepartmental stock checking reports After a study of the audit reports, the management instructs the concerned section to rectify the errors if any,to set right the audit objections. External Audit: External audit is carried out on yearly basis by independent statutory auditors. The auditor draws the Audit Schedule and conducts audit based on it and till there are no major objections or findings. Any minor errors such as commissions or omissions which are pointed by the audit team are immediately rectified and corrected after appropriate discussions with the Management and all the necessary precautionary measures are taken to avoid such errors recurring in the future. Mechanism and settlement of objections in External Audit are as follows: a) Examining the procedures and policies and regulations b) Vouching the receipts by the university, payments, PO, etc. c) Verifying the salary payment, TDS, Income Tax, EPF, ESI, Professional tax, Gratuity, etc d) Examining the property titles, approvals, payments to regulatory bodies e) Evaluating fee receipts f) Certifying the audit report g) Filing the Income Tax returns regularly h) Carrying of audit in accordance with the rules of the financial statements The statutory auditor provides audit reports as per Income Tax Act 1961. Every year audit reports are filed with Income Tax department and Audit Reports of each year are placed with the financials of the respective year. A separate audit for GST as per statutory requirements is also conducted by our statutory auditors every year.

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
No Data Entered/Not Applicable !!!		
[View File](#)		

6.4.3 – Total corpus fund generated

1527916144

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	Yes	CARE
Administrative	No	Nill	Yes	CARE

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

1. Offering certificate programs, capsule courses at the department level 2.Autonomy in fixing of finance and budget for activities at colleges level 3. Autonomy of the evaluation system for different colleges

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

• Parents of senior students giving motivational talk to the juniors • Parents critical assessment and suggestion for improvement • Parents help in conducting cultural facilities

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

1. Training on IT for office automation 2. Communication Skills 3. Training in Additional Language (Hindi)

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

1. Many new UG and PG Programs introduced under Chettinad Academy of Research and Education 2. Focus to improve extra mural research funding 3. Mandatory library hours introduced and timings extended for the students

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.7 – 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
No Data Entered/Not Applicable !!!					

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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
Maternal and childcare benefits	31/08/2019	31/08/2019	90	82
International womens day	02/03/2020	08/03/2020	250	179
women's Economic empowerment through literacy	05/09/2020	05/09/2020	178	143

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
Total energy consumed from electricity board (KWH)- 1,10,14,230 Windmill energy generated and adjusted (KWH) - 41,26,243 Biogas energy generated and adjusted (KWH) - 49,600

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	3
Provision for lift	Yes	3
Ramp/Rails	Yes	3
Rest Rooms	Yes	3

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadva ntages	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
No Data Entered/Not Applicable !!!							
View File							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
University Code for Ethical Behaviour and Professional Conduct (Faculty Handbook)	01/01/2018	The University Code for ethical behavior and Professional Conduct for Faculties of Care is a comprehensive handbook that lays down the faculty standards king in mind the value system and culture prevalent inside the University. The Code covers topics ranging from the basic information, vision, mission of the University, the academic responsibilities, general/additional responsibilities, leave rules and other policies. It has to be brought into notice that the code is designed keeping in mind the ethical standards and the professional integrity that a faculty member is supposed to inculcate and practice during his association with the Universities in all capacities and work. The Code gives special emphasis on moral, human values and professional

			integrity at workplace and respect towards other stakeholders.
University Code of Conduct for Students (Student Handbook)	01/01/2018		The University Code of Conduct for students is an exhaustive handbook which is dedicated to provide the students a better understanding of the system and the culture prevailing with the campus. It also makes them realize that as an indivijual what is expected out of them during their stay at the campus. It aims towards the holistic development of an individual. The Code has a unique blend of the academic parameters followed by the general and special Code of conduct followed by the various roles and responsibilities of various committees functioning within the University so that they know their rights and duties. This Code attempts to develop within each student a sense of belongingness towards the University.
Code for Human Values and Professional Integrity (Administrative Staff Handbook)	01/01/2018		The purpose for the code for human values and professional integrity for the administrative staff of the University is framed with a purpose of defining personal and professional standards of conduct and acceptable behavior for all the staffs of the University during their course of work responsibilities with the institute. It thrives towards achieving three basic values/parameters of Integrity, Respect and Responsibility.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants

Annual Awareness program on code of conduct for faculty	24/01/2020	24/01/2020	165
Annual Awareness program on code of conduct for students	27/09/2019	27/09/2019	250
Annual Awareness program on code of conduct for administrators and other staff	18/07/2020	18/07/2020	50

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

Following are the initiatives taken CARE to make the campus eco-friendly: 1.Implementation of paperless policy. 2. Declaring the campus Green Zone 3. Declaring Campus plastic free 4. Rainwater Harvesting 5. CARE NSS, UBA, Green Environment club helps in conducting cleaning activities, sapling plantation drives, swachatta activities etc.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Fostering Undergraduate Research Culture Aim: To promote and develop young scholars with research attitude and skills by integrating research as curriculum projects or voluntary extended hours projects. Objectives: 1. Students to understand the importance of research and get motivated to select research-oriented career 2. To promote and develop research scholarly traits in students at an early stage 3. To apply the principles they learned through theoretical courses and laboratory practices to solve problems by experiential learning 4. To inculcate the culture of innovation and invention in the young scholars Context: Indian Education system has been producing students to reproduce the text book content in the examination. The lack of critical thinking and ability to solve real life problems extends all the way upto tertiary education. However, attempt is being made to transform the century old text book - savvy system to competency based education. Goal of introduction of research at early stage is to enable the learners to utilize the education as a tool to tackle real world challenges so as to achieve critical and independent thinking in identifying the cause of the problem and find a proper solution. New strategies are needed to restructure the UG education that can enhance the students' ability to participate in research activities as either part of the curriculum or elective extended activity. UG research will not only enhance the quality of students but also help India generate relevant scholarly research human resource to contribute to the knowledge economy of the country. In addition, it will also address the issue of substandard research output and the demand of the large number of innovation and invention oriented researchers needed to enhance the knowledge economy. Catching them young and giving them systematic research training at the undergraduate level, can make them interested and motivated and more inclined to take up research-intensive academic programmes and careers in the future. Undergraduate research can also help in the transformation of conventional classroom education to indirect as well as experiential learning. The Practice: Curriculum based research projects Projects are carried at the final semester (B.Sc 3 year and 31 year programme). However, students select the topic for research of their interest in the previous semester. The students are given training on publications and patent search. They identify faculty members with expertise as supervisor in the area

of topic selected. The project proposal is presented in front of full department committee giving the details of literature review, gap in literature, scope of the work, hypothesis, methodology, data analysis and expected outcome. The department committee reviews again and let the students initiate the research projects. The students are trained in writing the proposal for clearance for Institutional Human Ethics Committee (IHEC). The supervisor coordinates and monitors the project. Non-Curriculum based UG Projects Under graduate students pursing for MBBS course are encouraged to apply ICMR STS projects. Students are given orientation on the avenues available for research. The students are trained in drafting application to ICMR STS. The projects are chosen based on the research interest of the students. The students who miss the ICMR-STS are encouraged to do projects with university support. Similarly nursing undergraduate students are encouraged to take projects on preventive aspects of health care for the benefit of society. The students in this manner learn the methodology of writing a proposal, conducting the research, analyzing and reporting the research data. They also get exposure in writing manuscripts for publishing in the peer reviewed journals. Obstacles faced if any and strategies adopted to overcome them: 1. The main obstacle is that project period is very short. Hence it limits the projects outcome: However, this obstacle is generally removed by providing extended lab facility outside the stipulated hours. 2. Number of available faculty members to guide interdisciplinary projects: This difficulty is addressed by having faculty members from other departments as supervisors, so for interdisciplinary projects. 3. Although the under graduate projects have resulted in publications and patents are filed, the conversion ratio is not significant. The obstacle is, after submission of the thesis students either opt for placement or go for higher education: This obstacle is solved by letting the students work during summer holidays after submission of dissertation. 4. Another obstacle is consumables required: This obstacle is solved by getting additional budget from the university to support UG research. A time schedule based operation on higher end instrumentation solves the problem of wait-listing the users. Evidence of Success: 1. Even students with lower academic achievements have shown high interest in research projects. 2. Resulted in publications in Scopus indexed journals. 3. Resulted in filing patents. 4. Resulted in conference participation and awards Resources: Extended hours, work by faculty, Lab facilities for extended hours, Budget for consumables 2. Chettinad Free Community Hospital (CFCH) – "Revisiting the health care needs of Rural Poor" Aim: To provide free health care and health awareness to all population living in the villages in and around Chettinad Hospital Research Institute (CHRI). Objective: To offer quality health services at free of cost to all strata of society through CFCH and integrated outreach program. CFCH aims to provide free health care starting from basic primary health checks extending up to advanced diagnosis and care to all individuals attending CFCH. The different services offered include Consultation, Diagnostics, In-patient care, Surgery, Treatment and Medications. Context: Chettinad Hospital Research Institute (CHRI) was established in the year 2005 with an objective "Health care for all at affordable cost" ie., everyone should be able to access health care service offered at the hospital without subject to any financial hardship. The management's focus towards the underprivileged resulted in the introduction of very affordable health care services and several health schemes in the region to help people to stay healthy. In-spite of all the efforts, some population especially in difficult to reach villages were unable to access the effective and affordable health care offered at CHRI as these people have their own logistic, economic and social reasons. There is growing evidence that poverty leads to ill-health and vice versa. In order to prevent the negative downward spiral of poverty and illness, Chettinad under the motto – "Health care for all" promoted "CHETTINAD FREE COMMUNITY HOSPITAL" through INTEGRATED COMMUNITY OUTREACH PROGRAMME aiming towards a disease free

community by providing health care services to all the poor people who are economically unstable at free of cost in order to increase access to health care for poor households. The Practice: To contribute to the welfare of the society, CFCH was initiated with the following agenda • High quality OP consultation 6 days a week • IP admission Consultation 24x7 • Community oriented Primary care (COPC) services • Implementation of national health Program (RNTCP, NCPDCS, NPCB) • Diagnostic Imaging facilities • Treatment facilities • Day care procedures • Minor surgical procedures on the same day • Facilitation of Major and advanced procedures with prior appointment • Free medication • Free transportation of the patients • Free food On the above basis, necessary Infrastructure, lab instruments, computers, printers for billing, internet connection equipment's etc for the functioning of CFCH is provided with necessary manpower. Regular health camps and outreach programme to create awareness is practiced. Diagnostic services including ECG services are provided. Admission procedures, surgeries, medication including food and beverages to such patients are given free of cost. ERP billing is adopted to make the process easy. We send vehicles to every village and take the patients to our hospital to provide services under this programme and the patients are dropped back at their villages in the end. Introduction of Importance of healthcare at grassroots All schools coming under the field practice area is made aware of health care issues and regular nutritional assessment, along with routine health check up and screening the children for various diseases (Anaemia, Refractory error, heart diseases, developmental anomalies, etc) is practised. Important health education activities like Hand wash hygiene, menstrual hygiene, healthy life style, etc. is covered. The practice is as follows: Primordial (healthy person): Includes health promotion involving health education and healthy environment Primary (Risk factors): Includes risk factor management involving counselling and specific protection covering immunization and smoking and alcohol cessation Secondary (Disease): Includes early diagnosis and screening covering opportunistic screening for NCD risk, pharmacist approach for NCD, mental health screening, screening cervical and breast cancer risk Tertiary (Complications): Includes rehabilitation covering physical, psychological and vocational. Palliative care for terminally ill patients and rehabilitation of persons with disabilities Obstacles faced if any and strategies adopted to overcome them: 1. Main obstacle is shortage of manpower: This is overcome by increasing the manpower and also appropriate shift based work allocation. 2. Another Obstacle faced is resources: This is overcome by increasing the number of buses, vans, ambulances 3. Difficult to reach population groups and to refer patients especially underprivileged to CHETTINAD FREE COMMUNITY HOSPITAL: This is overcome by issue of family privilege membership cards and awareness through outreach programs actively pursued by the department of community medicine.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://care.edu.in/best-practice/

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

Healthcare to all Chettinad Academy of Research and Education (CARE) has nurtured "Health care to all" as a distinctive priority area being a Healthcare Institute. Chettinad Hospital and Research Institute, one of the constituent colleges and a major stake holder of Chettinad Academy of Research and Education was started with the core objective of transforming medical education, contributing to research and development in health and biological sciences and above all, providing affordable and quality healthcare at global

standards to the population in need. The hospital is located in the suburban and rural zone in the outskirts of Chennai and from the time it was started the key focus is to offer state of the art, tertiary care along with preventive health care at the community level. The medical college and hospital has Essentiality certificate issued by Tamilnadu Govt and necessary statutory permissions and recognitions from Ministry of Health and family welfare, Govt. of India. The hospital is located within the 33.45 acre lush green zone where gasoline operated vehicular movement is restricted. It has 1180 beds besides more than 100 ICU beds, 16 operation theatres and 24x7 emergency and trauma care centre. The wards are spacious with adequate distance maintained between beds and every ward is self sufficient with all supportive infrastructure facilities such as pantry, treatment room, duty doctor's room, nursing station, demo room and rest rooms. Every aspect of the infrastructure is carefully designed by keeping patients' convenience and utility in mind and it is a wonderfully created infrastructure for a medical college and hospital. The doctors working in the hospital are highly qualified and experienced and they execute the triple role of being medical teacher, researcher and treating doctor. All the doctors are with MD/MS and DM/MCh qualifications and are highly reputed in their own speciality. The hospital has all advanced facilities to handle patients in general specialties and super specialties. The hospital offers services in i) Medicine and allied specialties like General Medicine, Pediatrics, Dermatology, Psychiatry Pulmonology, ii) Surgery and allied specialties like General Surgery, Orthopedics, ENT Ophthalmology, iii) Obstetrics and Gynaecology and iv) Super specialty services including Cardiology, Neurology, Medical Gastroenterology, Neonatology, Neurosurgery, Urology Cardio Thoracic and Vascular Surgery and Plastic Surgery. Liver and renal translations are carried out in our hospital. Besides, the hospital has high end laboratory services in Pathology, Microbiology and Biochemistry and radiology department with CT scan, MRI scan, USG scan and digital X ray facilities. The lab services are accredited by NABL for more than 10 years. The microbiology lab has BSL II and III facilities and is an ICMR recognized centre for COVID-19 testing. The Institute, right from inception, has been focusing on improving the overall and holistic health of the surrounding population. The census data with regard to the clinical material is ever improving and it was mainly due to the excellent care our doctors are offering and the good feedback given by the patients on our patient care. The achievement that the hospital could

Provide the weblink of the institution
https://care.edu.in/institutional-distinctiveness/

8. Future Plans of Actions for Next Academic Year

• To apply for NAAC Cycle-3 Accreditation/NIRF and to complete all required activities within a stipulated time. • Establishment of additional accreditation from various agencies like ISO, Green metrics, etc. • To foster a culture of excellence, strategic improvement will be implemented in the fields of research and innovation on par with our country's vision and thrust areas. • To provide advanced training to faculties involved in curriculum restructuring, revision, and syllabus construction, and the same will be implemented in the undergraduate and post-graduate curriculum design and evaluation processes. • Software-based online feedback on quality related institutional processes from students, parents, and other stakeholders will be employed. • To conduct a greater number of conferences/seminars/workshops on the use of ICT in high-quality teaching and learning methods. • To apply for more extramural grants from various government agencies. • The institute will deliberately work to increase the number of patents and copyrights. • Execution of international collaborations to drive leadership and management • Planned to build additional resilient infrastructure facilities and a smart campus management system for the benefit of students and

faculties. • To create a green forest zone inside the campus and modernize the waste water harvesting system. • Establishment of a Research Development Centre for clinical trials and traditional medicine • To plan a variety of co-curricular activities or sports events for the betterment of students physical health and mental development.