



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	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.	04447413330
Mobile no.	9094019000
Registered Email	vc@chettinadacademy.edu.in
Alternate Email	registrar@chettinadacademy.edu.in
Address	Rajiv Gandhi Salai
City/Town	Kelambakkam, Chengalpattu District
State/UT	Tamil Nadu
Pincode	603103

<b>2. Institutional Status</b>	
University	Deemed
Type of Institution	Co-education
Location	Semi-urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Prof. Dr. R. Vijayashree
Phone no/Alternate Phone no.	04447428421
Mobile no.	9841455274
Registered Email	iqac@chettinadacademy.edu.in
Alternate Email	chettinadiqac@gmail.com

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.chettinadhealthcity.com/igac/aqar.htm">https://www.chettinadhealthcity.com/igac/aqar.htm</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://mci.chettinadhealthcity.com/chc/academic-calendar2019-20.pdf">http://mci.chettinadhealthcity.com/chc/academic-calendar2019-20.pdf</a>

<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.83	2010	28-Mar-2010	27-Mar-2015
2	A	3.10	2015	16-Nov-2015	15-Nov-2020

<b>6. Date of Establishment of IQAC</b>	01-Jun-2010
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<b>7. Internal Quality Assurance System</b>
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Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
<b>No Data Entered/Not Applicable!!!</b>		
<a href="#">View File</a>		

**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
<b>No Data Entered/Not Applicable!!!</b>				
<b>No Files Uploaded !!!</b>				

<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	5
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

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

3. Accreditation, Approvals & Quality audit • Preparation and submission of documents to various statutory approvals • Preparation, compilation & submission of necessary documents including applications for MCI, INC, UGC, NABL, NIRF, AQAR, AICTE, BCI, COA, PCI, Clean & Smart Campus awards, Swachhta Ranking etc., • IQAC coordinated in the conduct of Administrative and Academic Audit by External Experts on 10.12.2018 & 11.12.2018 • IQAC coordinated in the Conduct of Administrative & Academic Audit by Internal committee members on 02.07.2019 & 03.07.2019

4. Research • Analysis of research articles in journals published by the faculty members • Special Seminars/Workshop on enhancing the quality of research • Creating SOP for enhancing the quality of research in various departments • Capacity building and strengthening of IPR and innovation in CARE

5. Social responsibility, Values and ethics • Students trained in community setting - Service with empathy • Professional ethics

1. Quality Initiatives • Sensitizing and training of faculty members on the introduction of new Competency Based Medical Education by MCI • Resetting Vision Mission of CARE • Special Seminars/Workshop on enhancing the quality enhancement of higher education • Strengthening mentorship programs • Workshop on Outcome oriented Course Design • Design of Value added programs for better placement Opportunities • Creating as well as updating the SOP of various departments • Conduct of internal quality audits in various departments with inspection check list.

2. Feedback Collection and Analysis from different stake holders • Seminars/Workshops to enhance and strengthen the feedback system on academic outcome, teaching & learning experience, research, internships and placements • Developing tools for automating Student Satisfaction Survey • Analyzing the feedback outcome and implementing necessary changes

No Files Uploaded !!!

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
No Data Entered/Not Applicable!!!	
<a href="#">View File</a>	

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

12-Jul-2019

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

09-Feb-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)

ERP SAGE Accpac 5.5A Sage Accpac, is an enterprise resource planning software

that connects core business operations like accounting, hospital management system, billing, lab diagnostics and inventory management. It also integrates patient service and hospital analytics into one centralized information system. Active Modules in SAGE Accpac 5.5 for CARE 1. Finance and Accounting 2. Hospital Management system 3. Purchasing 4. Inventory Management 5. Project Management 6. Asset Management 7. Patient Appointment Module Campus Management System In house developed CMS is used to manage all admission related activities like student admission, fee collection, transport management , Timetable based Attendance Monitoring, alerts to parents/students and management with regular analysis. Create, edit and update schedules in realtime for courses, and automatically assign students, teachers, and classrooms. Create and monitor various faculty and student attendance records. Streamline the management and analysis of statutory attendance records. It provides a total online solution for digitalization of all administrative activities. HUMAN RESOURCE MANAGEMENT SYSTEM In house developed HRMS is used to manage everyday human resource processes. It merges human resources as a discipline manage basic HR activities with ease, It is an integrated system providing information used by HR management in decision making. It allows a company to keep track of all of its employees and information. Advantages of HRMS Software at CARE 1. HRMS software improves the efficiency of the HR Team. 2. Improve Employee Experience 3. Improve regulatory compliance Following list of HRMS software features used at CARE 1. Employee Information System 2. Recruitment and Hiring 3. Talent Management 4. Benefit Management 5. Financial Management 6. Time Attendance Management integrating with time and attendance machines (Biometric time attendance machine integration) 7. Learning and Professional development 8. Accounting 9. Employee selfappraisal analysis 10. Employee selfservices and communication with employees. 11. Improved data management 12. Centralized storage for all employees

across all branches Chettinad Library Management System IT team developed software to handle at least the most basic housekeeping functions of a library. Its a wellorganized software solution for a library which helps to provide information on any registered materials present in the library to the user as well as staff. The main purpose of this system is to manage library daily operation efficiently. Here is a list of some features of Library Management System in CARE: 1. Keep record of different categories like Books, Journals, Magazines, etc. 2. Classify the books subject wise. 3. Easy way to enter new books. 4. Keep record of complete information of a book like Book name, Author name, Publisher's name, Date/ Year of publication, Cost of the book, Book purchasing date/ Bill no. 5. Easy way to make a checkout. 6. Easy way to make a checkin. 7. Automatic fine calculation for late returns. 8. Different criteria for searching a book. 9. Different kind of reports like total no. of books, no. of issued books, no. of journals, etc. 10. Easy way to know how many books are issued to a particular student.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BSc Nursing	NSUG4BSCN		18/03/2019
BSc	AHUG4DECO	Allied Health Sciences - (Dermato-cosmetology)	18/03/2019
No file uploaded.			

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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc Nursing	Medical Surgical Nursing	10/12/2018
MSc Nursing	Obstetrics & Gynecology Nursing	10/12/2018
MSc Nursing	Child Health Nursing	12/12/2018
MSc Nursing	Mental Health Nursing	10/12/2018
MSc Nursing	Community Health Nursing	10/12/2018
BSc	Counseling Psychology	12/07/2018
No file uploaded.		

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
BSc	Counseling Psychology	12/07/2018

### 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 !!!		
<a href="#">View File</a>		

### 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., CAREIQAC coordinates in all the aspects of the feedback process starting from the collection, analysis taking appropriate action and also maintains the feedback reports. Students End of semester/Course Parents During ParentTeacher meeting Teachers/Employees - Annual Employers During placement service Alumni Annual general body meeting 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 analysis 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 are based on the action taken/corrective measures/emerging requirements from different stakeholders. Feedback and action taken report for 201819 i. To implement EResources in teaching and learning All the faculty members and students are requested to register online courses in SWAYAM/NPTEL program Students are encouraged to register under the faculty members in SWAYAM ii. To introduce specific library hours in the time table to encourage selfstudy Specific library hours are introduced in the regular student time table. A faculty member from each department is designated during student library hours, to help the slow learners and also assist students in assignments, projects, etc., iii. Student participation in society It is decided to include students and interns in the community outreach activities/general and specialty camps. iv. Exposure to develop entrepreneurial skills Various entrepreneurship programs were organized. v. To extend the dining area in the food court. The large space adjacent to the food court is converted to the dining area to accommodate about 500 students. vi. In addition to the existing cleaning service provided in the hostel rooms, students requested provision to dispose of/donate unfit clothes and other things. Facilities for deep cleaning was arranged. Provision for disposing and donating the clothes and other materials.

## 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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

### 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	447	119	148	182	330

### 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
<b>No Data Entered/Not Applicable !!!</b>					



[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)

Students mentoring system available in the institution • Mentoring is a 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 here 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. • The outcome of the Mentorship programs: a) Counseling 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. • At CARE, 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.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2308	330	1:07

## 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
330	324	6	6	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
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

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
187	2655	7

## 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://www.chettinadhealthcity.com/igac/po-co.htm>

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
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

## 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://chc.chettinadhealthcity.com/chc/igac/sss.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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

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
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

### 3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

### 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
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

### 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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

### 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
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

## 3.4 – Research Publications and Awards

### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Microbiology	3
Biotechnology	2
Biochemistry	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)
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

### 3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
<b>No Data Entered/Not Applicable !!!</b>	
<a href="#">View File</a>	

### 3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

### 3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

### 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
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

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

Number of Faculty	International	National	State	Local
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

## 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)
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

## 3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
<b>No Data Entered/Not Applicable !!!</b>				

[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
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

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
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

## 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
2000	1797

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
<b>No Data Entered/Not Applicable !!!</b>	
<a href="#">View File</a>	

### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Chettinad Library Management System	Fully	V 1.0	2018

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
<b>No Data Entered/Not Applicable !!!</b>			

[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
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

#### 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	519	1	519	1	1	4	3	60	0
Added	67	8	67	0	0	9	4	95	0
<b>Total</b>	<b>586</b>	<b>9</b>	<b>586</b>	<b>1</b>	<b>1</b>	<b>13</b>	<b>7</b>	<b>155</b>	<b>0</b>

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

155 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
Photo and Videography Room	<a href="https://www.chettinadhealthcity.com/igac/media-centre.htm">https://www.chettinadhealthcity.com/igac/media-centre.htm</a>

#### 4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
3900	3574	3700	3377

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)

It is mandatory for educational institutions in particular institutions of higher learning and sponsors of clinical trials and research organizations to establish, manage and monitor their quality control and quality assurance systems and their integral standard operating procedures and other quality documents to provide high-quality education and educational support services to fully satisfy customers' and stakeholders' needs and expectations. The constituents viz. QC(Quality control) and QA (quality assurance) systems together constitute the key quality systems. QC focuses on fulfilling quality requirements, whereas QA focuses on providing confidence that quality requirements are fulfilled. For ensuring the adequacy, suitability, effectiveness, and efficiency of the quality systems, top management commitment, and its active involvement are critical. Effective and efficient

quality systems promote timely review of various activities including teaching, research, infrastructural and other facilities required for delivery of outcomes and eliminate waste and the need for iterations that impact the overall financial and social benefits to the Company, its stakeholders and the society at large. With the above in mind, Internal Quality Assurance Cell (IQAC), of Chettinad Academy of Research and Education (CARE) was established with the objective to review and analyze the academic standards and performance indicators and form strategies to constantly improve the quality of higher education. An IQAC steering committee was established and is headed by the Vice-Chancellor and that meets periodically at scheduled intervals for its cause.

Goals 1. To develop and implement a quality system to improve the academic and administrative standards of the University and Constituent colleges of Chettinad Academy of Research and Education. 2. To design and execute procedures that will assist institutional functioning towards constant quality improvement. Plan of Action:

- Development and application of quality benchmarks/parameters for the various academic, support including laboratory, library, sports complex, computers, classrooms, etc. and administrative activities of the University.
- Conduct of periodical audit of academic, support including laboratory, library, sports complex, computers, classrooms etc. and administrative activities of the University.
- Obtaining and analyzing feedback from various stakeholders towards improvement in quality.
- Dissemination of information on the various quality parameters of higher education.
- Organization of workshops, seminars on quality related themes.

In terms of UGC Regulations 2010, IQAC shall act as the Documentation and Record-Keeping cell of the University.

- Preparation of Annual Quality Assurance Report (AQAR) to be submitted to the National Assessment and Accreditation Council.
- Conduct regular meetings of IQAC members that undertake periodical reviews and put up suggestions for benchmarking and improvements.

<https://www.chettinadhealthcity.com/iqac/iqac.htm>

## 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
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

#### 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

#### 5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
<b>No Data Entered/Not Applicable !!!</b>					

[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
20	20	7

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

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
<b>No Data Entered/Not Applicable !!!</b>	
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

## 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

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

The establishment of a Student Council gives students an opportunity to acquire the sort of communication, planning and organizational skills which will be of benefit to them in their future lives. It enables students to take



responsibility for projects and to demonstrate that they can manage and bring such projects to a successful conclusion. Moreover, the contribution made by a Student Council to the development of the Institution's policy in a number of areas can have significant benefits for students and the Institution. The student members bring forward the views and suggestions of the entire class with respect to the faculty, subjects, syllabus and other things related to the class. Given the above, CARE has established a Students' Council with an objective of:

- To enhance communication between students, management, and staff
- To promote an environment conducive to educational and personal development
- To promote friendship and respect among students
- To support the management and staff in the development of the Institution
- To represent the views of the students to the management on matters of general concern to them
- To promote events including academic, cultural and sports activities
- To liaise with other student bodies. Student Nominees are also part of the following cells
- IQAC
- Students Grievance Redressal Cell
- Students Counselling Centre
- Compliance Cell for preventing Sexual harassment of Women
- Career Counselling Placement Cell
- Library Committee
- International Students Cell
- Equal Opportunities Cell

The CARE Student Council identifies activities that it would like to be involved in organizing, although the final decision on the activities of the Student Council is agreed with the Dean and management. Thus CARE Students' Council is a representative structure through which students become involved in the affairs of the University, working in partnership with the management, staff, and students for the benefit of the institution and its students. In addition to the above, in CARE the following students' clubs are active.

- Green and Environment Club
- Cultural Club
- Cricket club
- Tennis Club
- Badminton Club
- Basketball Club
- Music Club

The student members play a dominant role in many activities related to cultural, sports and other co-curricular activities. They organize various cultural sports activities including CHETFUSION, FUSION CHETTINAD, apart from celebrating festivals like Diwali, Onam, Pongal, etc.,

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The "Chettinad Academy of Research and Education (CARE) Alumni Association" is formed with the aim of strengthening the alumni of constituent colleges of CARE i.e, Chettinad Hospital Research Institute (CHRI), Chettinad College of Nursing (CCN) and Faculty of Allied Health Sciences (FAHS). Aims and Objectives To encourage friendship and exchange views among the member alumni. To exchange professional knowledge by organizing guest lectures, seminars and workshops. To make the passed out students aware of the opportunities in the society. To conduct public outreach projects such as health education, rural health schemes, specialist camps etc., To encourage the best academic performers by giving awards. To promote the aims and ideals of the institution. To undertake activities of charitable nature. Alumni Activities undertaken for 2018-19

1. General Body meetings
2. Executive meetings
3. Alumni donation to CARE
4. Guests lecture
5. Alumni Day celebration
6. Career guidance and mentoring
7. Alumni visit for one to one interaction at their respective Schools
8. Alumni Industry connect - Involving students with alumni placed in the industries
9. Guidance for campus placements

5.4.2 – No. of registered Alumni:

2174

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

200000

#### 5.4.4 – Meetings/activities organized by Alumni Association :

1. General Body Meeting 4th General Body Meeting: 17/11/2018 2. Executive Committee Meeting • 11th Executive Committee Meeting: 08/05/2018 • 12th Executive Committee Meeting: 12/10/2018 • 13th Executive Committee Meeting: 12/03/2019 3. Alumni donation to CARE 4. Guests lecture 5. Alumni Day celebration 6. Career guidance and mentoring 7. Alumni visit for one to one interaction at their respective schools 8. Alumni Industry connect - Involving students with alumni placed in the industries 9. Guidance for campus placements

### **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 function or 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. The decision-making process relating to academics, infrastructure and administration ensures the dedication and participation of heads, faculty and staff at all levels. The action plan for the operations for a proposal are prepared under the guidance of the VC and the action plans are executed by the integrated commitment of authorities, faculty and staff. All the statutory committees have met at stipulated frequency during the year 2018-19 to facilitate effective decision making and smooth functioning of the university. 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.

1. Establishment of New One of the practices where decentralization and participative management played a vital role in our university growth was in the starting of New Schools. 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. We should record here that our success in starting the Law School was due to the decentralization of activities and participative management of the teaching and non-teaching staff.

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 major task in the implementation was largely administrative. The decentralization exercise defined the subtasks which included approval from MCI, recruitment of additional faculty and staff, classrooms and lab, library hostel facilities. The heads and the respective members of various administrative departments participated in all the subtasks through effective decisions and efficient operations. Both teaching and non-teaching staff demonstrated the spirit of participative management in successfully getting approval from MCI for additional intake. This vindicated the power of decentralization and participative management for the growth of

the university.

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

Yes

## 6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	<p>1. Faculty are actively involved in the curriculum development and updation 2. Faculty are trained by attending continuous educational programs 3. CBCS is followed in FAHS. 4. Value added courses / skills are added to the existing curriculum of all the programs. 5. Well equipped skills lab is available in the medical and nursing colleges to impart training in skill acquisition as per International standards. 6. Students are trained in relevant Industrial practices wherever appropriate 7. All the PGs have to undergo training in research methodology in E portals of Govt. of India offered by National Institute of Epidemiology</p>
Teaching and Learning	<p>1. 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. 2. Competency based medical education is introduced for medical students. 3. In addition to didactic lectures, small group discussions, role play, flip classes, puzzles, problem based learning, seminar, symposium, vertical and horizontal integration are followed. 4. The teaching and non teaching staffs are offered values added programs to improve their compute, language and administrative skills. 5. The surgical procedures are live telecast for better student training</p>
Examination and Evaluation	<p>1. Computer based application is used for the examination, evaluation and declaration of results. 2. Students undergo formative and summative assessments 3. Formative assessments are conducted by the respective schools / departments and summative assessments by the University. 4. Practical / clinical skills are assessed by external examiners in addition to the</p>

internal examiners. 5. Students who fail in the summative assessment are provided an option to verify their scores by way of applying for re-totaling. 6. Evaluations are carried out in blinded manner. 7. Scripts of PG Summative examinations are evaluated both by the internal and external examiners.

**Research and Development**

1. Dedicated research department for RD activities 2. Advanced instrumentation facility to actively pursue research and development. 3. Herbal garden for doing basic and interventional research. 4. CPCSEA accredited animal house is upgraded. 5. Clinical trial facility for testing drugs and chemicals in human beings. 6. Doctorates and post doctorates are encouraged to stay focused and sustain their research in the specific areas so as to get optimal outputs. 7. Seed money for research is enhanced. 8. MOUs with reputed National and International organizations are executed. 9. University level Innovation cell is established

**Library, ICT and Physical Infrastructure / Instrumentation**

1. Budget for purchase of books, journals and online educational materials increased. 2. Lecture theatres and demo halls upgraded with audio video facilities 3. Instrumentations in the hospital and college upgraded 4. Clean, green and safe work environment is ensured 5. State of the art in-door and out-door sports facility is established 6. Closed circuit television monitoring of the entire campus has been upgrade to enhance the safety 7. College and hostel access is based on biometric authentication. 8. Free community hospital is established for helping the underprivileged people with free transport and food to the patients.

**Human Resource Management**

1. Performance of teaching and non teaching staff is assessed by KRA system. 2. Online employee management system and HR management system is implemented. 3. Periodic training in allied and non-core areas is offered to teaching and non-teaching staff. 4. Staff Grievance Redressal mechanism is well defined. 5. Time dependant and performance dependant increments and incentives are offered. 6. Constant monitoring of attritions and retention

	of staff is undertaken through online mechanisms. 7. Maternity leave with full pay benefits. 8. Sabbatical leave with pay benefits. 9. Academic leave for attending conferences and presentation of papers besides other training activities
Industry Interaction / Collaboration	1. Several MOUs are signed with various relevant industries at National and International levels. 2. 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. 3. Health care services are offered to various Industries and companies. 4. Patent collaborations are encouraged among faculty to undertake collaborative product development with industries.
Admission of Students	1. 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. 2. 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. 3. Scholarships are awarded to the 1st time graduates in the family, underprivileged people and highly meritorious students. 4. 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.

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

E-governance 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 1. University administration Information Management System for student fee collection and managing student information of new students 2. Login Page 3. Student Admission Entry 4. Student Cancellation and Transfer

Examination

All examination related documents are stored in one drive cloud (share point server). We have created a folder called examination and all examination related files are kept on the cloud so that it can be accessed by us anywhere using the official email id. For the preparation of question paper, MS Word is used by all faculties. The COE uses One Drive Cloud, MS Word MS Excel for conducting the examinations. All examinations related documents like Timetable, room allotment, student attendance, valuation sheets are prepared in MS Excel. Online zip is used for grouping file in zip format. All question papers are submitted to the COE by the setters through email. The exam related notifications are communicated to students and faculty through the workplace. All the results are prepared using the inhouse prepared



software.

### 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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

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)
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
381	381	879	879

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Employee Provident FundScheme Gratuity Employees' State Insurance(ESI) Maternity Leave Benefits(ML) Accommodation Transport Facility Campus Movement Security Access to Medical Facilities Crèche Care of new born Yoga Centre Zumba Aerobics SPA and Massage Centre Food Card - Sodexo Laundry</p>	<p>Employee Provident FundScheme Gratuity Employees' State Insurance(ESI) Maternity Leave Benefits(ML) Staff Accommodation Transport Facility Campus Movement Security Access to Medical Facilities Crèche Care of new born Yoga Centre Zumba Aerobics SPA and Massage Centre Food Card - Sodexo Laundry</p>	<p>student Clubs Counseling Grievance Cell Student Council Scholarship support Placement Support Parent-Teacher Support Mentor-Mentee Program NSS UBS Continuing Education Coaching Centre</p>

Coffee Shop Beauty Parlor  
Bank ATM Stores Food  
Court Sports Auditorium  
Medical Welfare Schemes  
Uniform Earn Leave  
Encashment Refreshment  
Chettinad-Sarvalokaa  
Education Financial  
support for attending /  
presenting paper at  
National and  
International seminars  
and Conferences.  
Financial support for  
publication of articles /  
research papers in  
Journals Encouragement  
for research activities  
Support for Hosting  
Seminars Conferences  
including CMEs and  
Workshops within the  
campus.

Coffee Shop Beauty Parlor  
Bank ATM Stores Food  
Court Sports Auditorium  
Medical Welfare Schemes  
Accident Inurance Scheme  
(GPA) Uniform Earn Leave  
Encashment Refreshment  
Chettinad-Sarvalokaa  
Education

#### 6.4 – Financial Management and Resource Mobilization

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

Internal audits done on a regular frequency/concurrent basis by the internal audit team by Trust head office. External/ statutory audit handled by the independent statutory auditors. Audit is done regularly. There has been no audit objection so far. Every audit query is addressed to auditors to the best of their satisfaction. Independent auditors report attached to the financials of each 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
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

50000000
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#### 6.5 – Internal Quality Assurance System

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

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

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)

1. Parents of senior students giving motivational talk to the juniors  
 2. Parents critical assessment and suggestion for improvement  
 3. 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	No
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
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

**CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 – Institutional Values and Social Responsibilities**

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Women Empowerment	17/11/2018	17/11/2018	102	98
Gender Equity under Indian Constitution	25/01/2019	25/01/2019	74	76
International Women's Day celebration	08/03/2019	08/03/2019	120	80
Cruelty and its forms	17/05/2019	17/05/2019	76	72
Self defence	27/06/2019	27/06/2019	121	0
Gender & Aging : An Interprofessional Framework for	12/07/2019	12/07/2019	88	87

Action

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

50-60

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	5
Provision for lift	Yes	5
Ramp/Rails	Yes	2
Rest Rooms	Yes	5
Special skill development for differently abled students	Yes	5

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
<b>No Data Entered/Not Applicable !!!</b>							
<a href="#">View File</a>							

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 Behavior 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 keeping 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

		<p>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.</p>
<p>University Code of Conduct for Students (Student Handbook)</p>	<p>01/01/2018</p>	<p>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 individual 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.</p>
<p>Code for Human Values and Professional Integrity (Administrative Staff Handbook)</p>	<p>01/01/2018</p>	<p>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</p>

		work responsibilities with the institute. It thrives towards achieving three basic values/parameters of Integrity, Respect and Responsibility.
Code of Conduct for Empathetic Behavior and Human Values (Nurses Handbook)	01/01/2018	The much required Code of Commitment towards Empathetic Behavior and Human Values for the nurses in the institute is detailed code that addresses the humane side of the nursing profession. The Code highlights the general and the special code of conduct that a nurse needs to adhere to during his association with the institute. It encourages the nurses to develop values and ideals like empathy, compassion and selflessness.

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

Activity	Duration From	Duration To	Number of participants
Women Empowerment	17/11/2018	17/11/2018	200
Gender Equity under Indian Constitution	25/01/2019	25/01/2019	150
International Womens Day celebration	08/03/2019	08/03/2019	200
Cruelty and its forms	17/05/2019	17/05/2019	148
Self defence	27/06/2019	27/06/2019	121
Gender Aging : An Interprofessional Framework for Action	12/07/2019	12/07/2019	175
<a href="#">View File</a>			

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

<p>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.</p>
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### 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.

Traits of scholarly problem solving approach to meet future challenges 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 pursuing 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.

**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. Title of the practice: Chettinad Free Community Hospital (CFCH) - "Revisiting the health care needs of Rural Poor" Aim: To provide health awareness to all population in and around the villages at their door step. 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 primary health checks extending up to tertiary care to all individual attending CFCH. The different services offered include Consultation, Diagnostic, In-patient care, Surgery and Treatment. These services are chosen to protect population groups deemed to be especially vulnerable and particularly the poor. 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 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 there are still people being associated with health conditions due to 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 • 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. 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 practise 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 number of shifts 2. Another Obstacle faced is resources: This is overcome by increasing the number of vans, ambulances 3. Difficult to reach population groups and to refer patients especially underprivileged to CHETTINAD FREE COMMUNITY HOSPITAL: This can be overcome by issue family privilege membership card. Evidence of Success 1. Patient feedback. 2. Preventive healthcare measures for underprivileged 3. Awareness on primary health care services provided at the rural and urban health centers with faculties from department of community medicine and make them nodal point for the entire outreach program 4. Good feedback on the facility 5. Significant increase in the number of underprivileged patients 6. Collaborations with village health workers and village heads

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

<http://chc.chettinadhealthcity.com/chc/igac/thrustarea.pdf>

### 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

Facilitating Interdisciplinary Teaching, Learning and Research High priority issues such as health care, sustainable energy and climatic issues, faced by today's society are so complex that these issues require expertise from multiple disciplines. Hence educational institutions will have to look for alternative strategy of interdisciplinary education and interdisciplinary research to address such future issue. Interdisciplinary research (IDR) provides connections that lead to new knowledge economy. Undergraduates can have a rich educational experience when they learn about in more than one discipline, especially when education is complemented by research experience. CARE adopts policies that promote borrowing and sharing within and between disciplines (medicine, allied health sciences, biotechnology, genomics, proteomics, nanotechnology, tissue engineering etc) and leverages many of these programmes to facilitate interdisciplinary collaborative research CARE offers a distinctive combination of innovative teaching programs, innovative teaching programs in emerging areas at the interface of two or more disciplines. These programs, implemented under choice based credit system are integrated with research projects that engage students in interdisciplinary research projects enabling horizontal mobility. Undergraduate students (Four out of the seven UG programs) are engaged in interdisciplinary experiences, such as courses at the interfaces of traditional disciplines that address basic research problems, interdisciplinary courses that address the emerging biomedical fields, and research experiences that span more than one traditional discipline. Students take part in social and community activities directed by a team of faculty residents. 10 interdisciplinary PG programmes are offered encompassing many different fields. Highlights of Interdisciplinary programmes: • Autonomy is granted to the constitutional colleges for Curriculum • Recognizes that learning does not occur solely in a formal classroom environment or through formal faculty-student exchanges, • Encourages students' engagement with social problems • Facilitates the application of students' knowledge to contemporary issues • Recognizes the value to be gained from interaction with multiple groups, including faculty, peers, and community. • Assessment is instituted in a manner that aligns with expectations for the program and the institutional culture and various learning formats are included. • The integration of

laboratory and lecture spaces cultivates a flexible environment that fosters innovative pedagogy • The University emphasizes on collaborative student faculty research as a teaching model, and is organized to facilitate connections between departments • Interdisciplinary space, however, is found not only in campus facilities. Working in conjunction with the University rural and urban Community Service Center, undergraduates use the real world as a classroom. With enormous development and potential in health industry and advanced technologies being utilized in health care, these courses explore newer emerging, and on graduation the students are placed in lucrative positions in the industry. CARE promotes multidisciplinary, innovation-focused Ph.D program and scholars engaged in these programs gain the ability to cross interdisciplinary boundaries. The structure of the institution enables one to overcome geographical distance and develop collaborations between various arms of CARE such as the FAHS, Medical faculty and nursing faculty and nearby dental institute too.

Provide the weblink of the institution

<http://chc.chettinadhealthcity.com/chc/igac/thrustarea.pdf>

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

Expansion of teaching programs 1. Strengthening and enhancing student intake 2. Establishments of new schools in Architecture, Law, Physiotherapy and Pharmaceutical Sciences 3. Enhancing and enriching Chettinad Learning Management system 4. Bringing in SWAYAM and NPTEL courses 5. Offering more interdisciplinary elective courses 6. Strengthening and enhancing value-added programs with industry support. Infrastructure 1. Additional LH, labs, classrooms, equipment for new schools 2. Student support facility enhancement 3. Additional space in the food court 4. Modernization of hostels 5. Modernization of Outpatient departments 6. Establishment of the free Community hospital 7. Enhancing the green cover of the campus to achieve carbon neutrality 8. Air-conditioning of Exam halls 9. Increase in Chiller capacity 10. IOT enabled parking system for vehicles 11. Enhancing Solar and motion sensor activated lighting 12. Additional furniture and storage cabinets for library Research and Development 1. Awards for generating extramural funding from Govt. and private agencies 2. Enhancing IPR related activities 3. Enhancing the quality of research publications 4. Awards for enhancing the number and quality of research publication 5. National and international links to establish a global RD network 6. Strengthening industry-institute partnership 7. Creation of Innovation Council Patient care Community outreach services 1. Providing free health care service comprising of transport, consultation, treatment, diagnostic and medication 2. Providing 247 broad specialty services in rural centre 3. Free medical camp and educational activities in collaboration with Govt. agencies Student support 1. Strengthening mentorship activities by automating the process 2. Strengthening carrier counseling and placement cell by providing opportunity to learn other languages 3. Enhancing personality and skill enhancement program 4. Enhancing Scholarship support 5. Enhancing research support