



Chettinad

Academy of Research & Education

(Deemed to be University Under Section 3 of the UGC Act 1956)

Accredited by NAAC with A Grade

ANNUAL QUALITY ASSURANCE REPORT 2017-18

SUBMITTED TO
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
BENGALURU

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year (*for example 2013-14*)

2017-18

1. Details of the Institution

1.1 Name of the Institution

CHETTINAD ACADEMY OF RESEARCH AND EDUCATION

1.2 Address Line 1

Rajiv Gandhi Salai (OMR),

Address Line 2

Padur

City/Town

Kelambakkam

State

Tamil Nadu

Pin Code

603 103

Institution e-mail address

vc@chettinadacademy.edu.in
registrar@chettinadacademy.edu.in

Contact Nos.

04447411000

Name of the Head of the Institution:

Prof.T.Balasubramanian
Vice Chancellor

Tel. No. with STD Code:

044-47413330

Mobile:

9094019000

Name of the IQAC Co-ordinator:

Prof.Dr.D.C.Mathangi

Mobile:

9940635874

IQAC e-mail address:

iqac@chettinadacademy.edu.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

TNUNGN10151

OR

1.4 NAAC Executive Committee No. & Date:

EC/71/A&A/5.2, Dated 16th November 2015

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

1.5 Website address:

<http://www.chettinadhealthcity.com/care/index.htm>

Web-link of the AQAR:

<http://www.chettinadhealthcity.com/iqac/aqar.htm>

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.83	2010	5
2	2 nd Cycle	A	3.10	2015	5
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY

01/06/2010

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR 28/10/2016 (DD/MM/YYYY)
 ii. AQAR 06/11/2017 (DD/MM/YYYY)
 iii. AQAR NA (DD/MM/YYYY)
 iv. AQAR NA (DD/MM/YYYY)

1.9 Institutional Status

University State ☐ Central ☐ Deemed ☒ Private ☐

Affiliated College Yes ☐ No ☒

Constituent College Yes ☒ No ☐

Autonomous college of UGC Yes ☐ No ☒

Regulatory Agency approved Institution Yes ☒ No ☐

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education ☒ Men ☐ Women ☐
 Urban ☐ Rural ☒ Tribal ☐

Financial Status Grant-in-aid ☐ UGC 2(f) ☐ UGC 12B ☐

Grant-in-aid + Self Financing ☐ Totally Self-financing ☒

1.10 Type of Faculty/Programme

Arts ☐ Science ☐ Commerce ☐ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ☐ Health Science ☒ Management ☐

Others (Specify)

- Faculty of Medicine
- Faculty of Nursing
- Faculty of Allied Health Sciences

1.11 Name of the Affiliating University (*for the Colleges*)

NA

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

NA

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

13

2.2 No. of Administrative/Technical staff

6

2.3 No. of students

2

2.4 No. of Management representatives

2

2.5 No. of Alumni

1

2.6 No. of any other stakeholder and
community representatives

1

2.7 No. of Employers/ Industrialists

1

2.8 No. of other External Experts

2

2.9 Total No. of members

28

2.10 No. of IQAC meetings held

3

2.11 No. of meetings with various stakeholders:

No.

6

Faculty

3

Non-Teaching Staff Students

1

Alumni

1

Others

Students : 1

2.12 Has IQAC received any funding from UGC during the year? Yes ☐ No ☒

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.

2

International

-

National

1

State

-

Institution Level

1

(ii) Themes

- Workshop on E-Learning held on 6th & 7th of April 2018
- Internal seminar on Scientific Proposal Writing on 20th December 2017
- NAAC revised assessment format presentation to Heads of the Departments 20th April 2018-11-13

2.14 Significant Activities and contributions made by IQAC

- Successful preparation and facing of UGC inspection and audit in January 2018
- Feedback forms – Developed, Standardized, Collected and Analyzed
- Data compilation for NIRF
- Appraisal of all faculty members on the revised accreditation framework
- Training of faculty on innovative teaching methodologies

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

S.No.	Month	Proposed Agenda	Status
1.	August 2017	<ul style="list-style-type: none"> ◆ Preparation of the AQAR ◆ Presentation of AQAR to Board of Management ◆ Submission of AQAR to NAAC ◆ Submission of application to NAAC for sponsorship to conduct National Conference on <i>“Best Practices in Academic and Administrative Audit”</i> 	◆ Completed
2	September 2017	<ul style="list-style-type: none"> ◆ Presentation of Best Practices of departments of the two constituent colleges, CHRI & CCN ◆ Presentation and Compilation of the strategic plan of the departments of the two constituent colleges, CHRI & CCN 	◆ Completed
3.	October 2017	<ul style="list-style-type: none"> ◆ Review of AQAR 2016-17 and NIRF 2017 (with the earlier years data) ◆ Review activities and outcome of various MoU entered by CARE ◆ IQAC National Seminar on <i>“Best Practices in Academic and Administrative Audit”</i> 	<ul style="list-style-type: none"> ◆ Completed ◆ Decision was taken by the IQAC to conduct the National seminar only with NAAC support as it would have better visibility and active participation.
4.	November 2017	<ul style="list-style-type: none"> ◆ Review of the progress made by various committees of the university ◆ Workshop on “Successful Scientific Proposal Writing” for faculty of CARE 	<ul style="list-style-type: none"> ◆ Completed ◆ Workshop was conducted in December 2017
5.	December 2017	<ul style="list-style-type: none"> ◆ Compilation of data for submission to NIRF 	◆ Completed
6.	January 2018	<ul style="list-style-type: none"> ◆ Internal seminar on “e-Learning” ◆ Obtaining Feedback from various stake holders of the University ◆ Analysis and plan of action based on feedback obtained 	<ul style="list-style-type: none"> ◆ The Internal seminar on e-learning was modified into a workshop and conduct of the same was scheduled for April 2018 ◆ Feedback – completed
7.	February 2018	<ul style="list-style-type: none"> ◆ Half yearly Progress report of the departments of CHRI & CCN (Aug 17 – Jan 18) ◆ Review of the Best Practices implementation and outcome 	◆ Completed
8.	March 2018	<ul style="list-style-type: none"> ◆ Conduct of Internal Audit (Academic and Administrative) 	◆ Completed
9.	April 2018	<ul style="list-style-type: none"> ◆ Workshop on Disaster management & Capacity Building 	◆ Was deleted as the e-learning workshop with over 80 delegates

		for faculty, staff and students ♦ Audit of Research output of the University	with more than 50% from other institutions and state participating ♦ Completed
10.	May 2018	♦ Review of Audit reports	♦ Objectively done
11.	June 2018	♦ Development of strategic plan for the University based on the audit reports	♦ Completed
12.	July 2018	♦ Department Evaluation Report for the period January 18 - July 18 ♦ Preparation of the AQAR 2017-2018	♦ Completed

2.15 Whether the AQAR was placed in statutory body Yes No

Management ☐ Syndicate ☒ Any other body ☐

Provide the details of the action taken

- AQAR presented at IQAC Meeting
- Presented at the Board of Management and it was approved

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	1	-	1	All Courses are career Oriented programmes
PG	44	-	44	
UG	7	-	7	
PG Diploma	1	-	1	
Advanced Diploma	-	-	-	
Diploma	-	-	-	
Certificate	-	-	-	
Others (D.M., M.Ch.)	7	-	7	
Total	60	-	60	

Interdisciplinary	19	-	19	
Innovative	11	-	11	

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	29
Trimester	---
Annual	4
End of Course	27

1.3 Feedback from stakeholders*

(On all aspects)
 Alumni ☒ Parents ☒ Employers ☒ Students ☒

 Mode of feedback : Online ☒ Manual ☒ Co-operating schools (for PEI) ☐
***Please provide an analysis of the feedback in the Annexure : Refer Annexure 1**

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Salient Modifications/Updates:

1. Syllabus Revision for:

M.D.Pre and Para Clinical - It was resolved to approve the change in titles and syllabus of various papers of M.D. Pharmacology to be implemented with effect from 2015 batch onwards.

M.D./M.S. Clinical Courses - It was resolved to approve the following postings for M.S.(Obstetrics & Gynaecology) candidates from 2018 batch onwards.

First year	i) Labour Ward	: 3 months
	ii) AN/PN ward	: 3 months
	iii) GYN/Preop/Postop wards	: 3 months
	iv) Medicine	: 15 days
	v) Surgery	: 15 days
	vi) Family welfare	: 15 days
	vii) Social Obstetrics	: 15 days
	viii) Infertility	: 15 days
	ix) Genetics	: 7 days
	(xi) Endocrinology	: 7 days
Second Year	i) Labour ward	: 3 months
	ii) AN/PN wad	: 3 months
	iii) GYN-Pre-op/Postop wards	: 3 months
	iv) Anaesthesia	: 15 days
	v) Neonatology	: 15 days
	v) Radiology/ ultrasound	: 15 days
	vii) Colposcopy & Pathology	:15 days
	viii) Urology	: 15 days
	ix) Oncology & Radiotherapy	:15 days
Third Year:	i) Labour ward	: 3 months
	ii) AN/PN ward	: 3 months
	iii) GYN-Preop/Postop wards	: 3 months
	iv) Intensive coaching	: 3 months

M.D. Pre and Para Clinical courses - It was resolved to concur with the direction of the Academic Council to not have early supplementary examination for postgraduates.

Post Graduate Diploma in Clinical Embryology

1. It was resolved to delete the clause "internal choice based/either or" from the regulation on Pattern of Semester University Examination for Post Graduate Diploma in Clinical Embryology".

2. It was resolved to approve that the eligibility criteria for examiners (both internal & external) for Post Graduate Diploma in Clinical Embryology shall be as follows:

- M.B.B.S./B.D.S. graduate with 5 years clinical / teaching experience in the field of embryology following a recognized postgraduate degree/diploma. or
- 5 years clinical / teaching experience in the field of embryology following M.Sc. (Clinical Embryology) or
- 5 years clinical / teaching experience after Ph.D. in Embryology/Life Sciences. or
- 3 years experience in the field of reproductive medicine after D.M. degree in Reproductive Medicine or
- A qualified gynecologist with 3 years experience in the field of reproductive medicine, with an experience of
 - One year as a fellow and 2 years as faculty in the department or
 - Two years as a fellow and one year as a faculty in the department

3. It was resolved not to have early supplementary examinations for Post Graduate Diploma in Clinical Embryology.

B.Sc. AHS (3+1 Year)

It was resolved to approve that the title of the approved speciality shall not be changed and shall continue as "Healthcare Information Technology & Management".

It was resolved to approve the revised syllabus of physiology (Annexure – 4) for B.Sc.(Allied Health Sciences) to be implemented from the 2018-22 batch onwards.

It was resolved not to delete project work from the curriculum of B.Sc. (Allied Health Sciences).

2. Revision in Regulations for :

B.Sc. (3 Years) programs - It was resolved to approve to amend the clause on supplementary examination to take effect from 2017-18 batch as given below:- "Candidates who have to reappear in not more than two sixth semester subjects shall be eligible to apply for a supplementary examination not more than fifteen days after declaration of sixth semester examination results. The supplementary examination shall be conducted in not less than 15 days from the date of application for the same."

Pre Clinical, Paraclinical & Clinical MBBS - It was resolved to approve that any candidate reappearing for an examination in June 2018 shall abide by the old regulations for that subject with regard to inclusion of MCQs in question paper until he/she clears the same but MCQs shall come into effect for all other subjects for which the candidate is appearing for the first time in June 2018 session.

M.Sc. 2 Year AHS - It was resolved to recommend for M.Sc. 2 Yr. AHS program that "Candidates who have to reappear in not more than two fourth semester subjects shall be eligible to apply for a supplementary examination not more than fifteen days after declaration of fourth semester examination results. The supplementary examination shall be conducted in not less than 15 days from the date of application for the same."

M.Sc. 5 Year integrated - It was resolved to recommend for M.Sc. 5 Yr. Integrated program that "Candidates who have to reappear in not more than two ninth semester subjects shall be eligible to apply for a supplementary examination not more than fifteen days after declaration of ninth semester examination results. The supplementary examination shall be conducted in not less than 15 days from the date of application for the same."

B.Sc. AHS (3+1 year) program - It was resolved to approve that "Candidates who have to reappear in not more than two sixth semester subjects shall be eligible to apply for a supplementary examination not more than fifteen days after declaration of sixth semester examination results. The supplementary examination shall be conducted in not less than 15 days from the date of application for the same."

B.Sc. AHS (3+1 year) program - "SWAYAM" online courses are offered as optional additional credits apart from the mandated minimum credit requirements. These shall not be considered for classification of successful candidates. A candidate shall opt for any number of SWAYAM online courses and he/she shall submit the certificate issued by SWAYAM to the Controller of Examinations before the commencement of end-semester University examinations through the office of the Principal. These credits shall be included in the mark statement issued by Chettinad Academy of Research & Education as "additional credits from SWAYAM".

All courses under Faculty of Allied Health Sciences - It was resolved to approve that the following clause shall be included in the regulations of all courses under Faculty of Allied Health Sciences. "SWAYAM" online courses are offered as optional additional credits apart from the mandated minimum credit requirements. These shall not be considered for classification of successful candidates. A candidate shall opt for any number of SWAYAM online courses and he/she shall submit the certificate issued by SWAYAM to the Controller of Examinations before the commencement of end-semester University examinations through the office of the Principal. These credits shall be included in the mark statement issued by Chettinad Academy of Research & Education as "additional credits from SWAYAM".

B.Sc. Counseling Psychology - It was resolved to approve initiation of B.Sc. Counseling Psychology program under Choice Based Credit System in the Faculty of Allied Health Sciences from the academic year 2018-19 with a student intake of 20.

2 Year M.Sc. Interdisciplinary programs - It was resolved to approve that introduction of specific SWAYAM ONLINE COURSES shall be considered as and when any such online course is matching with our curriculum content and its period of offer corresponds to the timing of the semester in which that subject is offered.

M.Sc. AHS (2 Yrs. & Integrated 5 Years) - It was resolved to approve introduction of specific SWAYAM ONLINE COURSES as and when it matches with our curriculum content and its period of offer corresponds to the timing of the semester in which that subject is offered.

Nursing - It was resolved to approve that students shall be encouraged to utilize SWAYAM ONLINE courses but the same shall not be included in our curriculum without the approval of Indian Nursing Council.

Ph.D.

It was resolved to approve the following with reference to the constitution of doctoral committee: "One/Two subject experts internal/external from the panel provided by the guide and nominated by the Vice Chancellor".

It was resolved to approve that 80% of attendance in research seminar be mandatory for full time and part-time research scholars every year for submission of synopsis and the same shall be calculated from the forthcoming academic year (2018-2019).

It was resolved to approve that the guide shall convene the Doctoral Committee meeting once every six months and submit the report on progress of the research scholar every six months and the research scholar shall present his/her progress in the internal Review Board (IRB) once a year only. Undergraduate programs In Faculty of Allied Health Sciences It was resolved to approve that students qualified from National Institute of Open Schooling shall be considered as being equivalent to HSC/CBSE/ISC with regard to eligibility for admission to undergraduate programs in Faculty of Allied Health Sciences

Nursing

It was resolved to approve the internal assessment calculation for B.Sc.(Nursing) and Post Basic B.Sc. Nursing shall be as given and shall be implemented for all students from the Academic Year 2017-18 onwards.

It was resolved to approve the revised hours pattern for specified subjects as given from the forthcoming Academic Year.

It was resolved to approve that internship be evaluated for 100 marks as recommended by Indian Nursing Council and the format be used for the same for all students starting internship from the forthcoming academic year and the same to be included in the University marks statement from the academic year 2018-19 onwards.

D.M./M.Ch. courses - It was resolved to approve that when topics relevant to super speciality courses are available in the SWAYAM ONLINE portal, then their implementation shall be discussed afresh in the Board of Studies meeting.

M.D./M.S. Clinical courses - It was resolved not to implement SWAYAM ONLINE COURSES for M.D./M.S. Clinical courses now, but the same shall be explored again if they are made mandatory in future.

Preclinical and Para clinical MBBS

It was resolved to motivate the medical students to take up SWAYAM ONLINE courses, but not include it in our curriculum.

It was resolved that the marks distribution for various sections for preclinical and para clinical MBBS shall be as follows:-

	Section A	Section B		Section C		Total
	MCQs	Essays	Short Notes	Essays	Short Notes	
GENERAL MEDICINE (Paper I & II each)	20 x 1	1 x 20	5 x 6	1 x 20	5 x 6	120
PAEDIATRICS	20 x 1	1 x 10	4 x 5	1 x 10	4 x 5	80
GENERAL SURGERY (Paper I & II each) (Paper I includes Orthopedics – Sec A includes MCQs and Sec C shall be fully orthopedics)	20 x 1 (10 MCQs in Paper I shall be from Orthopedics)	1 x 20	5 x 6	1 x 20	5 x 6	120
OPHTHALMOLOGY	20 x 1	1 x 10	4 x 5	1 x 10	4 x 5	80
ENT	20 x 1	1 x 10	4 x 5	1 x 10	4 x 5	80
OBSTETRICS & GYNAECOLOGY (Paper I & II each)	20 x 1	1 x 10	4 x 5	1 x 10	4 x 5	80

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Nil

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	303	125	40	70	68

2.2 No. of permanent faculty with Ph.D.	31
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2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	12	5	4	2	6	2	39	12	61	21

2.4 No. of Guest and Visiting faculty and Temporary faculty	2	12	0
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	26	83	253
Presented papers	8	19	20
Resource Persons	11	26	57

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Smart Class rooms , Virtual / E learning
- Audiovisuals
- Skills learning : Bed side, Skills lab, Simulation models, Performance of life skills under supervision
- Use of Telemedicine facility for screening permissible live surgery to the class room
- Video assisted skill training (VAST) in the clinical departments
- Learning through community activities
- Mentorship program
- Multi disciplinary integrated learning – Horizontal integration over subjects of specified years of study and vertical integration through various academic years of study. This ensures problem solving capabilities.
- Self directed & Problem based learning
- Small group discussion, Seminars, Quiz, Debates, Journal clubs
- Problem solving approaches
- Research Projects integral part of all post graduate courses
- Industrial training
- Field visits

Beyond the syllabus Scholarly Activities include:

- Assignments
- Real Time Monitoring of Clinical Samples
- Seminar/Conference/Workshop
- ICMR Short term studentship
- **Science Club** : Faculty of Allied Health Sciences started science club for the current under graduate program. The students are divided into eight groups (Raman Club, Ramachandran Club, Rao Club, Bose Club, Janaki Club, Khurana Club, Asima Club and Venkataraman club). The group activities include understanding a topic/contribution of advancement of science in both global and Indian perspective.
- Active participation in NSS and outreach activities to promote citizenship and nation building

2.7 Total No. of actual teaching days during this academic year

214 – 294 days

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Answer Scripts are bar-coded, so that evaluations are blinded.
Double evaluation of answer scripts is practiced for Post Graduate Courses.
Introduction of MCQ for undergraduate Medical students
Inclusion of Audit courses taken up by AHS students in their marksheet once the candidate produces the certificate

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

203

2.10 Average percentage of attendance of students

80 – 100%
80 % is Mandatory for MBBS, MD, MS, DM, MCh and Other Courses.
85% - Nursing Courses

2.11 Course/Programme wise distribution of pass percentage :

Office of the Controller of Examinations					
Aug 2017 to July 2018					
Faculty of Medicine					
Sl.No	Month Year	Course	No. of Candidates Appeared	No. of Candidates Passed	Pass %
1	Aug-2017	D.M. (CARDIOLOGY)	1	1	100
2		D.M. (MEDICAL GASTROENTEROLOGY)	1	1	100
3		D.M. (NEONATOLOGY)	1	1	100
4		M.Ch. (NEURO SURGERY)	1	1	100
5		M.Ch. (UROLOGY)	1	1	100
6	Oct-2017	M.D. (ANESTHESIOLOGY)	1	1	100
7		M.D. (BIOCHEMISTRY)	1	0	0
8		M.D. (GENERAL MEDICINE)	1	1	100
9		M.D. (PAEDIATRICS)	1	1	100
10		M.D. (PSYCHIATRY)	1	0	0
11		M.D. (RADIO-DIAGNOSIS)	2	2	100
12		M.D. (RESPIRATORY MEDICINE)	1	1	100
13		M.S. (OPHTHALMOLOGY)	1	1	100
14		M.S. (ORTHOPEDICS)	1	1	100
15	Dec-2017	BACHELOR OF MEDICINE AND BACHELOR OF SURGERY (Before Internship)	136	116	85
16	Jun-2018	BACHELOR OF MEDICINE AND BACHELOR OF SURGERY (Before Internship)	56	40	71
17		POST GRADUATE DIPLOMA IN CLINICAL EMBRYOLOGY	2	2	100
18	Apr-2018	M.D. (ANESTHESIOLOGY)	2	2	100
19		M.D. (BIOCHEMISTRY)	1	0	0
20		M.D. (COMMUNITY MEDICINE)	4	4	100
21		M.D. (DERMATOLOGY, VENEREOLOGY AND LEPROSY)	3	3	100
22		M.D. (GENERAL MEDICINE)	4	3	75
23		M.D. (MICROBIOLOGY)	1	1	100
24		M.D. (PAEDIATRICS)	2	2	100
25		M.D. (PHARMACOLOGY)	1	0	0
26		M.D. (PHYSIOLOGY)	2	1	50

27		M.D. (PSYCHIATRY)	3	3	100
28		M.D. (RADIO-DIAGNOSIS)	4	4	100
29		M.D. (RESPIRATORY MEDICINE)	2	2	100
30		M.S. (GENERAL SURGERY)	2	2	100
31		M.S. (OBSTETRICS AND GYNECOLOGY)	1	1	100
32	Apr-2018	M.S. (OPHTHALMOLOGY)	1	0	0
33		M.S. (ORTHOPEDICS)	3	3	100
34		M.S. (OTO-RHINO-LARYNGOLOGY)	1	1	100

Faculty of Nursing					
Sl.No	Month Year	Course	No. of	No. of	Pass
1	Aug-2017	BACHELOR OF SCIENCE (NURSING)	59	53	90
2		POST BASIC BACHELOR OF SCIENCE IN NURSING	2	2	100
3	Feb-2018	BACHELOR OF SCIENCE (NURSING)	6	4	67
Faculty of Allied Health Sciences					
Sl.No	Month Year	Course	No. of	No. of	Pass
1	Jun-2018	B.Sc. (ALLIED HEALTH SCIENCES)	64	63	98
2		B.Sc. (MEDICAL BIONANOTECHNOLOGY)	14	14	100
3		B.Sc. (MEDICAL BIOTECHNOLOGY)	16	14	88
4		B.Sc. (MEDICAL GENETICS)	17	17	100
5		M.Sc. (ALLIED HEALTH SCIENCES) ECHOCARDIOGRAPHY AND	6	6	100
6		M.Sc. (ALLIED HEALTH SCIENCES) RADIOLOGY AND IMAGING SCIENCE	1	1	100
7		M.Sc. CLINICAL RESEARCH AND EXPERIMENTAL MEDICINE	3	3	100
8		M.Sc. (COUNSELING PSYCHOLOGY)	5	5	100
9		M.Sc. (HUMAN NUTRITION)	5	5	100
10		M.Sc. (MEDICAL BIONANOTECHNOLOGY)	3	3	100
11		M.Sc. (MEDICAL BIOTECHNOLOGY)	13	13	100
12		M.Sc. (MEDICAL GENETICS AND MOLECULAR DIAGNOSTICS)	1	1	100
13		M.Sc. (OCCUPATIONAL HEALTH AND INDUSTRIAL SAFETY)	2	2	100
14		M.Sc. (TISSUE ENGINEERING AND REGENERATIVE MEDICINE)	5	5	100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- IQAC conducts periodic audit of every department on all the 7 criteria of NAAC and emphasises on innovative teaching and learning
- IQAC has conducted seminars to sensitize faculty on SWAYAM and NPTEL. Utility of these programs are also reviewed during the audit by IQAC
- IQAC conducted a 2 day National Workshop on “e-Learning”
- Faculty development program organized through Medical Education Unit of CARE
- Obtaining and analyzing feedback from stakeholders
- Active curriculum committee and implementation through discussion and decision being made through deliberations in the periodic Board of Studies

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	Most of the faculty
UGC – Faculty Improvement Programme	-
HRD programmes : 6 Programme	Most of the Administrators and Nurses
Orientation programmes : 21	152

Faculty exchange programme	1
Staff training conducted by the university = 131 [IQAC (2) + Staff Nurses(106)+ CNE(6) + MEU (3) + Conferences organized(11) + workshops (3)]	Most of the faculty
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc. Workshops organized at CARE : 4	Most of the faculty
Others	

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	254	5	31	0
Technical Staff	187	15	55	0
Staff Nurse	450	50	152	0
Total	891	70	238	0

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- Provision of seed grant for research
- Patent filing facilitation process
- Encouraging students to seek research fellowships from prestigious organizations/trusts
- Encouraging students to participate in conferences.
- Conduct of workshops and seminars to develop and promote research skills

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned (extramural grant)	Submitted
Number	15	17	1	6
Outlay in Rs. Lakhs	2.00 L	199.27L	49.510 L	180.846 L

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	219	273	8	
Outlay in Rs. Lakhs				

3.4 Details on research publications

	International	National	Others
Peer Review Journals	121	24	
Non-Peer Review Journals	-	-	
e-Journals	-	-	

3.5 Details on Impact factor of publications (Analysis of 2017-18 publications alone):

Range	0.3 – 5.831	Average	0.48	h-index	20	Nos. in SCOPUS	41
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3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned Rs.	Received Rs.
Major projects		Extramural funded projects	21377000	2283333
	2017-18	Research Society for Study of Diabetes in India (RSSDI)	4,20,000	4,20,000
	2017-18	CARE JRF for Full time PhD Students	2701214	2701214
	2017-18	JRF & SRF from CSIR, UGC and ST fellowship	2176000	
	2017-18	CARE Post Doctoral Fellow	238798	238798
	2017-18	National Post Doctoral Fellow	19,20,000	
Interdisciplinary Projects (76) Projects sponsored by the University/ College	2017-18			
Industry sponsored		Wockhardt India Ltd	4,00,000	1,00,000
CARE seed money for faculty research (5)	2017-18	CARE	80,000	80,000
Students research projects ICMR STS (5) <i>(other than compulsory by the University)</i>	2016	ICMR STS	120000	120000
Total			29433012	5943345
Any other(Specify) ONGOING AT OTHER (HOST) INSTITUTES	2017-20	ReGenera Research Group, Milan, Italy	3400 € /year	3400 € /year

3.7 No. of books published i) With ISBN No. Chapters in Edited Books
 ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
 DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme

INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	2	2	7	14	
Sponsoring agencies	DST SERB, Management & Registration fee				

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations : International National Any other

- The University has 17 MoU with various Academic and Industrial organizations for Teaching, training and research
- MoU signed during the period Aug 2017 – July 2018

Sl.No.	MoU List from June 2016 to till date	Validity
1	MoU between CARE and Academy of maritime Education and Training(AMET)	02.01.2018-01.01.2021
2	MoU between CARE and Linkoping University,Sweden	07.09.2017-06.09.2020
3	MoU between CARE and District Health Society, KPM	10.03.2018-09.03.2019

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	13
	Granted	-
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
15	8	5	2	-	-	-

3.18 No. of faculty from the Institution
who are Ph. D. Guides
and students registered under them

34
44

3.19 No. of Ph.D. awarded by faculty from the Institution

5

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF	<table border="1"><tr><td>25</td></tr></table>	25	SRF	<table border="1"><tr><td>2</td></tr></table>	2	Project Fellows	<table border="1"><tr><td>1</td></tr></table>	1	Any other (PDF)	<table border="1"><tr><td>3</td></tr></table>	3
25											
2											
1											
3											

3.21 No. of students Participated in NSS events:

University level	<table border="1"><tr><td>179</td></tr></table>	179	State level	<table border="1"><tr><td>179</td></tr></table>	179
179					
179					
National level	<table border="1"><tr><td>-</td></tr></table>	-	International level	<table border="1"><tr><td>-</td></tr></table>	-
-					
-					

3.22 No. of students participated in NCC events:

University level	<table border="1"><tr><td></td></tr></table>		State level	<table border="1"><tr><td></td></tr></table>	
National level	<table border="1"><tr><td></td></tr></table>		International level	<table border="1"><tr><td></td></tr></table>	

3.23 No. of Awards won in NSS:

University level	<table border="1"><tr><td></td></tr></table>		State level	<table border="1"><tr><td></td></tr></table>	
National level	<table border="1"><tr><td>1</td></tr></table>	1	International level	<table border="1"><tr><td></td></tr></table>	
1					

3.24 No. of Awards won in NCC:

University level	<table border="1"><tr><td></td></tr></table>		State level	<table border="1"><tr><td></td></tr></table>	
National level	<table border="1"><tr><td></td></tr></table>		International level	<table border="1"><tr><td></td></tr></table>	

3.25 No. of Extension activities organized

University forum	45	College forum	26		
NCC		NSS	32	Any other	39

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

With Active participation of Faculty, Nurses, Students and NSS Volunteer the University has been rendering quality Health care to the Villages in and around Kelambakkam. This academic year 68 camps were conducted in the villages and schools at proximity to the institution screening over 12,400 individuals.

A total of 26 programs, Educational & sensitizing camps, have been conducted through active participation of students not only from Medical stream, but also from the nursing and allied health sciences.

Towards the aim of making education more relevant to the present situation and for a strong nation building, it is very important for the students to apply their education in finding practical solution to individual and community problems. NSS volunteers of CARE are actively involved in several social activities involving a sense of social and civic responsibility. The 179 NSS volunteers are sub divided into small groups of 10 students each. Each group is assigned a topic relevant to social service. Various activities involving awareness programme for school children, conducting health camps, awareness on digital payment, disaster management training, rally for rivers with ISHA Yoga Foundation, Chennai, International Yoga day celebration, National Science day, International women's day, etc. are being conducted through NSS activities. Special Camp was also conducted at Thaiyur for 7 days with Health camps and dental camps for the villagers. Blood glucose, height, weight, blood pressure etc. were monitored free of cost to the villagers. Previous panchayat president Mr. Kumaravel also graced this occasion. The NSS volunteers come up with a successful team work and become confident enough to overcome the difficulties in real life. It gives a wonderful opportunity to motivate the volunteers towards social service other than academics.

With success in NSS for the past 4 years CARE was selected for Unnat Bharat Abhiyan (UBA) by MHRD, Govt. of India. Under UBA, CARE has adopted a cluster of 5 villages namely Thaiyur, Eri Ethir Vaiyal, Padur, Pudupakkam and Velichai with the kind permission from Collector, Kanchipuram Dist. Under UBA, Swachh Bharat Summer Internship (SBSI) was conducted by NSS volunteers of CARE at Thaiyur village in the month of May-June 2018, involving various activities like health and hygiene awareness, education for children, women hygiene, necessity to built toilets, Hand wash campaign at Jagannath Vidyalaya with support from Department of Microbiology, CHRI, Cleaning of streets and back alleys of Eri Ethir Vaiyal village etc. The reports were submitted to MyGov.in and oral presentation was done at IIT, Madras by Dr. Koyeli Girigoswami, Coordinator, UBA. Based on these activities of SBSI, MHRD has approved grant for village development to CARE for rendering service to these cluster of villages.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	33.45 acres	-	-	33.45 acres
Class rooms & Demo rooms	46	-	-	46
Laboratories	36	-	-	36
Auditorium	2	-	-	2
No. of important equipments purchased (\geq 1-0 lakh) during the current year				
Value of the equipment purchased during the year (Rs. in Lakhs)		122.59	Self	
Others				
400m Synthetic track	1	-	-	-
Escalator (in the hospital block)	2	-	-	-

4.2 Computerization of administration and library

Department	Software system used
Finance & Accounts	SAGE ACCPAC
Purchase, Stores & Inventory	SAGE ACCPAC
HRD	Human Resource Information systems
Hospital & Laboratory	IDEMSYS / SAGE ACCPAC being used for capturing data from patient registration, admission, Patient care to Discharge.
Imaging services	PACS system - MEDDIFF (Archival & Retrieval of Radiology Images- Internet Accessible)
Library	AUTOLIB with bar coding system for management, issues, inventory for effective traceability being in place
Teaching & Learning	Chettinad Learning Management System
Examination	Examination Management System

4.3 Library services

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	17869	20032326.00	36	84570.00	17905	20116896
Reference Books	7045	9211611.00			7045	9211611
e-Books	132640	390000.00	150000	258278.40	150000	648278.4
Journals	1825	58363935.00	241	8086039.33	2066	66449974.33
e-Journals	5421	632500.00	3500	670320.00	8921	1302820
Digital Database	1500	318639.00			0	318639
CD & Video	1183		10		1193	0
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)
Existing	574	30	60	Nil	Nil	35	449	60Mbps
Added	5	0	0	Nil	Nil	0	0	0
Total	579	30	60	Nil	Nil	35	449	60Mbps

Others:

- In house IT Department
- Software developed/customized
- Bio Metric Information Systems
- Network Monitoring Tool
- Smart PSS Software
- CMS (College Management Systems)
- HRIS (Human Resource Information System)
- Patient Feedback Systems
- Human Resources Management System (HRMS)
- Time Slot Reservation system
- Magic Info (to get a library of templates, icons and images for varied uses)

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Training offered to faculty, staff & students to
- IQAC has conducted e-learning workshop on the 6th and 7th of April 2018.
 - Session on SWAYAM have also been organized
 - e-governance

4.6 Amount spent on maintenance in lakhs :

i) ICT	107.20
ii) Campus Infrastructure and facilities	1600.82
iii) Equipments	221.49
iv) Others	417.22
Total :	2346.73

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Orientation program for all fresher's to orient them and sensitize them on antiragging
- Student representatives in IQAC give valuable inputs towards student related matters
- Periodic feedback obtained, analyzed and appropriate remedial actions taken on various aspects of the institution like curriculum, teachers, infrastructure, library, extracurricular facilities etc.
- Enlightenment on research proposal writing and ethics committee presentation for Undergraduate students through specially constituted undergraduate college research review committee and university committee.
- Workshop and training on Mock drill on Disaster management
- Periodical Parent Teachers Meeting
- Facilitating the implementation of Value Based -add on courses
- Sensitizing the students about NAAC Accreditation process
- Sensitizing the students in usage of E-governance

5.2 Efforts made by the institution for tracking the progression

- Periodic internal assessment and appropriate feedback given to students
- Due importance given for attendance, discipline and professional mannerism
- Dynamic mentorship to promote both high achievers and slow learners
- Biannual parent Teachers meeting
- Career guidance and placement support provided
- Alumni tracking and details on their professional database maintained by Alumni Association and Office of the Dean/Principal
- Introduction of biometric attendance for all students
- Sensitizing the students to go to various national institutes for internship during summer vacation

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
463	81	-	39

(b) No. of students outside the state

89

(c) No. of international students

4

No	%
216	37

Men

No	%
367	63

Women

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
353	58	3	90	0	504	94	66	04	419	-	583

Demand ratio 1:2

Dropout % : Less than 1%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Career development remains foremost in the curricular activities of CARE.
- Students are guided to take up competitive exams like GATE, CSIR-JRF, NET, SLET, National level examinations, USMLE, PLAB and ILETS
- For employment opportunities both within India and abroad, they are guided for Government posting examinations and nursing licensing examinations for overseas placement
- Students are also guided for opportunities for Masters and PhD program in abroad

5.5 No. of students qualified in these examinations

NET	<input type="text" value="1"/>	SET/SLET	<input type="text"/>	GATE	<input type="text"/>	CAT	<input type="text"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text" value="USMLE - 5"/>

5.6 Details of student counseling and career guidance

Student Counselling

- Orientation program for Parents and Fresher's- Programs organized on transition from school to college Student counseling
- The counseling centre members offer counseling to students to cope up with personal issues individually and also maintain strict confidentiality
- Programs organized to sensitize the students on pertinent topics like
 - Personality Development Program - During the Orientation Program for First MBBS Student on 14.09.2017.
 - All the departments of the constituent colleges have active mentorship program with each faculty designated the responsibility for 15-20 students. These mentors look into not only their academic issues but also into their personal issues if any shared by the student and appropriate remedial measures are suggested.
 - Periodic Parent Teacher meets are conducted to review the academic progress of the students of all the courses of the university. This facilitates to identify the learning problems of the students and devise remedial measures in consultation with the parents.
 - The Student Counselling Centre is the university's primary facility for personal counselling, with the objective to promote the psychological, educational, and social well-being of the students of the University. This centre helps the students to prepare them to be productive members of society. Student counselling centre serves as a unique interactive and target oriented model centre involving students, teachers and parents to address common student's concerns ranging from anxiety, stress, fear of change, failure and slew of other academic worries.
 - **Services for Students** : Personal counselling to address individuals needs, Group and individual counselling, Outreach and consultations—we provide presentations, guest lectures, and workshops to students, faculty, and staff.

Career Guidance

- ❖ Career counselling and preparedness is another area for the Saturday curriculum. Through this the students are exposed to various career options available, their requirements and also how they should get prepared to get such jobs. The understanding that the student mentors and staff have over the students, their interests and strengths comes handy in providing the right path for the students. One of the important goals of this program is to ensure that the students land up with a career option that suits them and they are comfortable with rather than the most lucrative one
- ❖ Students are constantly encouraged and advised about the career options available and outgoing students are provided information available regarding jobs. Alumni also help us in this process
- ❖ Academic year 2017-18, we have visited 7 schools in and around Adyar & 4 schools in Kelambakkam to impart the knowledge regarding scope of Nursing.
- ❖ Periodic updates are provided to students on various fellowship, competitive examinations, call for projects, job placements, training programs

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
1	13	3	6
3	102	71	53
At CSSH	87	71	

5.8 Details of gender sensitization programmes

1. Poster display of helpline phone numbers, important Government schemes promoting gender equity, court rulings favoring gender equity was conducted in the month of December 2017.
2. Focused Group discussions on stereotype gender roles at home and academic institutions- why have they formed how can be changed was conducted in Jan 2018-March 2018.
3. Role play competition on ways to reduce self gender based discrimination was conducted in April 2018-June 2018.
4. Gender sensitization programme was organized for the students by FAHS, Chettinad Academy of Research and Education on 13/07/2018, Friday. The lecture aimed at sensitization of the students regarding gender bias, gender equality and women empowerment

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

CARE	Number of students	Amount (Rs.)
Financial support from institution	600	5,67,67,078
Financial support from government		
Financial support from other sources	29	17,30,500
Number of students who received International/ National recognitions	2 (Internship) 13 awards (conference presentations)	32,000



5.11 Student organised / initiatives

Fairs : State/ University level National level International level


Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students








MBBS students of CHRI : 10

S.No	Date	Social Initiative	Place	No.of Students	
1.	May 2017 To August 2018	Family Survey	RHTC Field Practicing Areas	3 rd Semester and 4 th semester	
	May 2017 to August 2018	Family survey	UHTC practicing area	3 rd Semester and 4 th semester	

2	12/07/2017	Dengue awareness program	Rural Health and training Center, Poonjeri	14 Students	
3	02/08/2017	Breast feeding week program	Rural Health Center, Poonjeri	15 Students	
4	27/09/2017	World Rabies awareness day	St.Marrys Hr.Secondary school RHTC	26 Students	
5	06/08/2018	World Breastfeeding week 2018	ICDS, Poonjeri RHTC	30 Students	
6	2/08/2018	World Breastfeeding week	Primary Health Center, Semmenchery UHTC	25 students	
7	13/08/2018	Geriatric health camp	Rural Health Center, Poonjeri	15 students	
8	13/08/2018	Geriatric health camp	Urban Health Center, Karapakkam	15 students	
9	10/09/2018	World nutrition week	Govt primary school, Salavankuppam RHTC	12 Students	

10	10/09/2018	World nutrition week	Govt. Primary school, Shonganallur UHTC	15 students	
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CCN:13

SN	Date	Type of programme	Place of programme	No of students
1.	18.04.18	World health day- Role play	Urban health centre, Karapakkam	II year B.Sc Nursing, students -20 
2.	22.03.18	Enhancing Mental Health- Psychodrama, Cultural Dance, Games & Recreational Activities, Prize Distribution for the Winners	The Banyan, Mogappair	
3.	23.03.18	World Tuberculosis day- Role play, villupattu.	Rural health centre, Poonjeri	IV year B.Sc Nursing, students-28 
4.	20.03.18	World Dentist day- Video teaching	Urban health centre, Karapakkam	II year B.Sc Nursing, students-20 
5.	11.03.18	Pulse polio programme	PHC Sadras at kalpakkam & Tambaram	B.Sc (N) IV-50 
6.	09.03.18	World Kidney day- Role Play	Urban health centre, Karapakkam	II & PBBSc year B.Sc Nursing, students-25 
7.	05.03.18	Maternal & Child Health Camps	PHC Sadras at kalpakkam	B.Sc(N) IV Year Students-28 

8.	17.02.18	World Cancer day- Puppet show	Rural health centre, Poonjeri	IV year B.Sc Nursing, students-25 
9.	28.01.18	Pulse polio programme	PHC Sadras at kalpakkam & Tambaram	B.Sc (N) IV yr students -50 
10.	01.12.17	World AIDS day- Health education	Rural health centre, Poonjeri	IV year B.Sc Nursing, students-25 
11.	24.11.17	Disaster Awareness programme on Fire Safety	Community Health Nursing	M.Sc (N) II year Coordination with B.Sc(N) IV Year at IID Community College, Pooncherri-26
12.	22.11.17	School Health Programme	Community Health Nursing	B.Sc(N) IV Year, P.B.BSc(N) II Year-25 
13.	14.11.17	Diabetes Awareness Programme- Lecture - Role Play - Fire Drill	Rural health centre, Poonjeri	B.Sc(N) IV Year, P.B.BSc(N) II Year-30 

NSS & outreach Activities: 34

S.No.	Date	Activity	Place of activity	No. Of NSS Volunteers participated
1.	15.08.2017	Independence Day-2017	CHRI	179
2.	08.09.2017-09.09.2017	SERB, DST, Govt. of India Supported National Conference on Nanotechnology in Medicine	CHRI	179
3.	27.09.2017	Rally for Rivers and NSS Day Celebration	CHRI, Kelambakkam	179
4.	15.10.2017	Birthday Celebration of Dr. Abdul Kalam	CHRI	179
5.	23.10.2017-24.10.2017	Chettinad Sports Day	CHRI	179
6.	31.10.2017	Swachhta Hi Seva & National Unity Day	CHRI, Kelambakkam	179
7.	01.11.2017-07.11.2017	Swachh Pakhwada	CHRI, Kelambakkam	179
8.	21.11.2017	Vigilance Awareness Week Celebration	CHRI	179
9.	12.02.2018	National Youth Day and Digital Awareness programme at Thaiyur	Thaiyur	179
10.	21.02.2018	MatribhashaDiwas	CHRI	179
11.	28.02.2018	National Science Day	CHRI	179
12.	09.03.2018	International Women's Day	CHRI	179
13.	19.03.2018	NSS-Special Camp: Village survey- Village survey by the NSS volunteers. Hand pamphlets were distributed about the programme for the next following days	Thaiyur	179
14.	20.03.2018	NSS-Special Camp:Inauguration and free health camp: Inauguration of NSS Special camp. Chief guest was Mr. Kumaravel, ThaiyurPanchayat President, 12 ward members, Mr. Solaiappan S, AGM Admin, CHRI, Dr. KoyeliGirigoswami, NSS Programme Officer, Dr. SaravananBharathi, General Physician from CHRI, Ms. Jeyanthi, Chettinad College of Nursing, CARE. Mr. Kumaravel was felicitated with a shawl by Mr. Solaiappanfolloed by Inaugural speech delivered by Mr. Kumaravel . Dr. Koyeli gave the vote of thanks. After inauguration, free health camp was conducted for the villagers.	Thaiyur	179

15.	21.03.2018	NSS-Special Camp:Free Health camp and Nutrition awareness: NSS volunteers visited door to door to give awareness on nutrition and values of different seasonal foods. Free health camp with free glucose testing was done for the villagers. Dr. Balamurugan treated the villagers.	Thaiyur	179
16.	22.03.2018	NSS-Special Camp:Free Dental Camp and hygiene awareness: Free dental camp was conducted for the villagers. The doctors not only checked up the oral hygiene but also taught them the proper brushing techniques through model demonstration. Nss volunteers went door to door for health and hygiene awareness.	Thaiyur	179
17.	23.03.2018	NSS-Special Camp:Temple cleaning: Temple cleaning was performed for the two temples of the Thaiyur village. The NSS volunteers were provided with mask and gloves and the garbage was collected in bin bags and disposed properly.	Thaiyur	179
18.	24.03.2018	NSS-Special Camp:Valedictory Function- NSS Special Camp: Valedictory function was conducted with the villagers and NSS volunteers. Dr. Koyeli addressed about the success of the NSS special camp with the benefit to the villagers.	Thaiyur	179
19.	23.05.2018	Inauguration of Swachh Bharat Internship programme (SBSI)	Thaiyur	25
20.	06.06.2018	SBSI: Village survey for swachh bharat internship	Thaiyur	25
21.	08.06.2018	SBSI: Hand wash Camp at Jagannath Vidhyalaya, Thaiyur (Class I to class IV)	Thaiyur	25
22.	11.06.2018	SBSI: Hand wash Camp at Jagannath Vidhyalaya, Thaiyur (Class V to class VIII)	Thaiyur	25
23.	12.06.2018	SBSI: Awareness for keeping one's house and locality clean for more positive energy and betterment of the nation. (positive citizens positive nation)	Thaiyur	25
24.	13.06.2018	SBSI: Personal Hygiene knowledge sharing	Thaiyur	25
25.	14.06.2018	SBSI: Hand wash Camp at Jagannath Vidyalaya, Thaiyur (Class IX to class XII)	Thaiyur	25
26.	15.06.2018	SBSI: Impart knowledge on making of toilets	Thaiyur	25
27.	19.06.2018	SBSI: Awareness campaigns - Door to door meetings - sanitation, hygiene, toilet construction and usage, hand wash and waste management.	Thaiyur	25
28.	20.06.2018	SBSI: Cleaning of garbage, Waste collection and disposal, street cleaning.	Thaiyur	25
29.	21.06.2018	SBSI: Awareness on promoting basic education to the children and youth. (for better growth of nation)	Thaiyur	25

30.	22.06.2018	SBSI: Discussing about the outcome of the internship programme	Thaiyur	25
31.	23.06.2018	SBSI: Problem solving approaches discussed with the villagers	Thaiyur	25
32.	21.06.2018-03.07.2018	International Yoga Day Celebration	CHRI	200

Faculty of AHS: 16

S.No	Date	Area/Location	Description of the activity	Number of students
1.	27.09.2017	Isha Yoga Foundation and CHRI	Rally for Rivers and NSS Day Celebration	179
2.	15.10.2017	CHRI	Birthday Celebration of Dr. Abdul Kalam	179
3.	21.11.2018	CHRI	Vigilance Awareness Week Celebration	200
4.	12.02.2018	Thaiyur Panchayat and CHRI	National Youth Day and Digital Awareness programme at Thaiyur	179
5.	21.02.2018	CHRI and CCN	MatrihashaDiwas	350
6.	28.02.2018	CHRI and CCN	National Science Day	200
7.	09.03.2018	CHRI and CCN	International Women's Day	350
8.	08.06.2018 11.06.2018 and 14.08.2018	CHRI and Jagannath Vidyalaya, Thaiyur	Hand wash Camp at Jagannath Vidhyalaya, Thaiyur (Class I to class IV)	25
9.	23.05.2018	CHRI and Thaiyur Village Panchayat	Inauguration of Swachh Bharat Internship	25
10.	6.6.2018	CHRI and Thaiyur Village Panchayat	Village survey for swachh bharat internship	25
11.	12.06.2018	CHRI and Thaiyur Village Panchayat	Awareness for keeping one's house and locality clean for more positive energy and betterment of the nation. (positive citizens positive nation)	25

12.	13.06.2018	CHRI and Thaiyur Village Panchayat	Personal Hygiene knowledge sharing	25
13.	15.06.2018	CHRI and Thaiyur Village Panchayat	Impart knowledge on making of toilets	25
14.	19.06.2018	CHRI and Thaiyur Village Panchayat	Awareness campaigns - Door to door meetings - sanitation, hygiene, toilet construction and usage, hand wash and waste management.	25
15.	20.06.2018	CHRI and Thaiyur Village Panchayat	Waste collection and disposal, street cleaning.	25
16.	21.06.2018	CHRI and Thaiyur Village Panchayat	Awareness on promoting basic education to the children and youth (for better growth of nation)	25

5.13 Major grievances of students (if any) redressed:

Issues related to following were discussed and resolved

- Hostel Mess food
- Turnstile

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision :

A global centre for excellence in learning, Teaching, Research, Health Care and Service to the community.

Mission :

- Create a nurturing and supportive environment to ensure students a fulfilling, demanding and intellectually stimulating experience.
- Enable students to imbibe values, cultivate a desire for lifelong learning and maximize their potential.
- Prepare students for employment in the global arena.
- To establish a team of well-qualified faculty that will enable the institution to grow holistically.
- Provide the best in state of the art infrastructure.
- Offer quality health services to all strata of society.
- To facilitate independent innovative research and share knowledge and understanding with the society.
- To contribute to the social, economical and national development.

6.2 Does the Institution has a management Information System

1	Administrative procedures, including Finance, Purchase, Inventory, Human Resource Information System	Available
2	Student Admission & Student Records	Available
4	Evaluation and Examination Procedures	Available
5	Research Administration	Available
6	Hospital and Diagnostics	Available

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- Undergraduate students have Orientation Program which introduces them to Communication Skills, Stress management, Time management, Coping up transition from School to College and Research methodologies
- Institution has curriculum committee for the three faculty (Medicine UG, PG & Super speciality), Allied Health Sciences and Nursing).
- Periodic feedback on the curriculum obtained from subject experts, industrial experts, and Alumni on the curriculum.
- Academic under Faculty of Allied Health Sciences have Choice Based Credit System which gives the advantage to the students to be more accomplished in his chosen field of specialization.
- Beyond the syllabus Scholarly Activities include: Assignments, Real Time Monitoring of Clinical Samples, Seminar/Conference/Workshop, ICMR Short term studentship
- Science Club : Faculty of Allied Health Sciences started science club for the current under graduate program. The students are divided into eight groups (Raman Club, Ramachandran Club, Rao Club, Bose Club, Janaki Club, Khurana Club, Asima Club and Venkataraman club). The group activities include understanding a topic/contribution of advancement of science in both global and Indian perspective.

6.3.2 Teaching and Learning

- Innovative teaching methodologies complement the conventional teaching and learning techniques
 - Skills learning : Bed side, Skills lab, Simulation models, Performance of life skills under supervision
 - Use of Telemedicine facility for screening permissible live surgery to the class room
 - Video assisted skill training (VAST) in the clinical departments
 - Learning through community activities
- Multi disciplinary integrated learning – Horizontal integration over subjects of specified years of study and vertical integration through various academic years of study. This ensures problem solving capabilities.
- Self directed & Problem based learning
- Small group discussion, Seminars, Quiz, Debates, Journal clubs
- Problem solving approaches
- Research Projects integral part of courses (under faculty of Nursing and AHS)
- Industrial training & Field visits
- Faculty are upgraded on their teaching, learning and evaluation methods through periodic faculty development program both at MCI nodal centre and at the institution medical education unit and IQAC
 - Design of MCQ conducted by MEU
 - E-Learning workshop conducted by IQAC
 - Sensitization on SWAYAM by IQAC

6.3.3 Examination and Evaluation

- SWAYAM online courses are offered as optional additional credits apart from the mandated minimum credit requirements. These courses shall not be considered for classification of successful candidates. A candidate shall opt for any number of SWAYAM online courses and he/she shall submit the certificate issued by SWAYAM to the controller of examination before the commencement of end-semester university examinations through the office of the principal, FAHS. These credits shall be included in the mark statement issued by Chettinad Academy of Research and Education as “additional credits issued by SWAYAM”.
- Faculty of Nursing introduced OSCE and OSPE for internal assessment evaluation. As in the post graduate programs, internal assessment weightage was introduced for undergraduate nursing programs too
- As per INC guidelines, weightage was allotted for internship postings of final year BSc nursing program

6.3.4 Research and Development

- Programs conducted to promote quality research
 - Scientific research proposal writing workshop (Dec 2017)
- Subscription of reputed online journals
- Facilitation of patent filing and follow up on publication. This has resulted in 26 filing with 17 of the patents getting published
- Conduct of conferences with government grants
- Successful conduct of periodic meeting of Internal review board, UG and PG review committee, Ethics committee
- Clinical studies involving drug/instrument trials have been registered with CTRI

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Digital library enhanced and improved in quality and utilization (no. of E books (1,50,000) and e journals (8921)
- Software developed/customized
 - Network Monitoring Tool
 - Smart PSS Software
 - CMS (College Management Systems)
 - HRIS (Human Resource Information System)
 - Patient Feedback Systems
 - Human Resources Management System (HRMS)
 - Time Slot Reservation system
 - Magic Info (to get a library of templates, icons and images for varied uses)

6.3.6 Human Resource Management

A Human Resources Management System (HRMS), a software application that combines many human resources functions, including benefits administration, recruiting and training, and performance analysis and review into one package has been developed and put to use.

6.3.7 Faculty and Staff recruitment

The institute has a structured policy for appointment and promotions based on appraisal and feedback.
All appointment are as per the regulatory /statutory body guidelines.

6.3.8 Industry Interaction / Collaboration

- Industry representatives are inducted into the Board of Studies of Allied Health Sciences
- Industry experts are also members of Research Advisory committee
- Students are periodically taken on industrial visit for learning the application of the theoretical concepts learnt and short research projects

6.3.9 Admission of Students

- PhD: Through entrance examination followed by an interview as per UGC regulation 2016
- Faculty of Medicine: Candidates are allotted by the Directorate General of Health Services (DGHS), Govt. of India, New Delhi, from the NEET qualified registered candidates
- Faculty of Allied Health Sciences: Advertisements are given in leading newspapers.
- Selection based on the marks obtained in the qualifying examination and counseling
- Faculty of Nursing: As per INC Norms - Merit in qualifying examination, Entrance examination and counseling

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> ▪ Group Insurance (Including one of the parent/guardian of the student) ▪ Subsidized medical care ▪ Air conditioned subsidized transport facility ▪ Earn while you learn ▪ Fee concession ▪ Support for physically challenged ▪ Research scholarship for students ▪ Career counseling, Career guidance & Placement cell ▪ Entertainment – Free movie screening every fortnight ▪ Paid maternity leave, Sick Leave, Sabbatical leave, Academic leave
Non teaching	
Students	

6.5 Total corpus fund generated

Rs.500.09 Lakhs

6.6 Whether annual financial audit has been done

Yes

☒

No

☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NAAC Regulatory Bodies, MCI & INC, UGC	Yes	CARE
Administrative	Yes	NAAC & UGC	Yes	CARE

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes

Yes

☒

No

☐

For PG Programmes

Yes

☒

No

☐

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- Entered MoU with National Academic Depository (CVDL).
- Observers are appointed to oversee the examination process.
- MCQ are to be introduced (June 2018) for MBBS.
- Toughness of Question Papers are assessed after feedback from External Examiners.
- Inter examiner variability is assessed by subjecting a randomly chosen answer script corrected by an examiner to evaluation by all the examiners of that theory paper.
- Intra – examiner variability is assessed by subjecting the answer script corrected by one examiner again for evaluation by the same examiner – (blinded).
- For UG 3 year Programmes, Candidates who have to reappear in not more than two subjects in sixth semester shall be eligible to apply for a supplementary examination not more than 15 days after the declaration of sixth semester examination results.
- The supplementary examination shall be conducted in not less than 15 days from the date of application for the same.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- The university conducts academic programs through its two constituent colleges under faculty of Medicine, Allied Health Sciences and Nursing.
- Functioning of these three faculty are with complete autonomy in all academic issues.
- The constituent colleges also have the autonomy to propose new academic programs through the proper channel and process that have been laid out
- Heads of the department are empowered to introduce innovative teaching methodologies both for high achievers and slow learners

6.11 Activities and support from the Alumni Association

- Executive Committee meetings are conducted periodically.
- Active participation and representation of alumni during the UGC Inspection in January 2018-11-12
- Formed a network of passed out alumni and collected their placement details/progression to higher studies.
- Created an online portal for CARE Alumni membership registration.
- Contributed Rs.2,79,500/- to the Institution in the year 2017-18.

6.12 Activities and support from the Parent – Teacher Association

- Regular Parent Teacher meetings are conducted to discuss the Academic progress and other issues related to their wards
- Feedback on academics, infrastructure and over all grooming are obtained from parents annually

6.13 Development programmes for support staff

- Induction and Orientation Programmes
- Training Program regarding Time office – Doubts & Queries
- Patient Relationship Management
- Developmental programs for Nurses

Activities conducted for promotion of Universal values and Ethics

Activity	Duration (from 1 st August 2017 to 31 st July 2018)	Number of participants
Impact of junk food on health	2 hours session on 5 th September 2018 conducted by Ms. G. Valliammal, Mentor	25
Grooming, Patient Care and HRIS training	2 hours on 18 th July 2018 to the Nursing staff in CARE	56
Nurse – A Voice to lead	2 hours session by Ms. Amudha, a motivating seminar for the nursing faculty(16 th May 2018)	25
Unite to end TB	1 hour session by Dr. Aruna and team of Pulmonology Department(Role Play)on 24 th March 2018	25
Woman – Be whole	Dr. Prabha of our OBG on 9 th March 2018	25
Breast Care and baby Massage	Representatives from the Himalaya Ltd. on 27 th June 2016	20

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Based on the UGC Guidelines Environmental awareness and protection has been incorporated in the curriculum for most of the academic programs offered by the university
- The university and the NSS Unit has been proactive in the “Swatch Bharath Mission.
- **Conservation of Natural Resources:** Every scope of reduction in usage is studied and conventional taps in toilets are replaced with spray type taps. 340 KL of treated sewage water per day is used for the entire garden, lawns and forest areas of our premises. A part of the treated water is softened and led to Cooling Tower of our A.C Plant. Part of the Treated sewage water is planned for toilet flushing.
- **Power Consumption from Tamil Nadu Electricity Board met through our own wind mill generation:** Power generation by non-conventional methods through our 19 windmills at Coimbatore Belt offsets nearly 45% of our annual power consumption. Power generation through Windmill (onshore) reduces Carbon footprint by nearly 80 times than Coal based generation.
- **Solar Power utilized for water heaters:** Hot water generation for our Hostels is achieved through Heat Pump which works on the principle of reverse refrigeration. Since hot water by Solar Water Heaters (SWH) in the morning is effected by energizing conventional heaters of the SWH, which consumes huge quantum of energy, we have replaced 2 Nos. Heat Pumps for 24 Nos. SWHs. These Heat Pumps cater the hot water needs of 1500 students of Girls and Boys hostel.
- **Rain water harvesting practiced and excess water stored in Lilly pond:** Rain Water Harvesting (RWH) Infiltration Tanks to re-charge ground water were established at various points of our premises. Also excess water is diverted to Lilly Pond at the North East corner of our premises. Additional Roof-top Rain Water Harvesting with Re-charge pits have been set up.

- **Established a Soft Water Plant to make use of the Treated Sewage Water to be fed to A.C. Cooling Towers:** A Tertiary Treatment of Treated Sewage Water of 16 m³/hr. capacity is established and commissioned for the use of Cooling Tower of A.C. Plant. Water saving of up to 50 KL / D is achieved through this arrangement.
- **1200 KL/D (600 KL / D x 2) STP are in operation with an average of 750 KL being treated per day:** Sewage generated from our Hospital, Hostels and Residences are led to our Sewage Treatment Plant of 1.2 ML / D capacity. Nearly 340 KL / D of sewage is treated in this plant.
- Almost 75% of campus is having green cover with various species of plants and trees. Various plants, trees and lawn constitute 75% of our total area. An in house Nursery has been set up to develop and maintain plant saplings to meet the future plantation needs of our area
- **Hazardous Wastes (used DG oil, used grease, cotton waste and batteries) are segregated and stored and disposed off methodically through Tamil Nadu Waste Management Ltd:** Authorization for Handling and Disposal of Hazardous Waste has been applied for with the Tamil Nadu Pollution Control Board and the Board's Authorization is awaited. Presently oil is disposed to recyclers authorized by the Board.
- **Pedestrian friendly pathways:** Pathways all around the campus are Pedestrian – friendly with raised platforms and curb walls all along the edge to confine the lawn area.
- **Green Audit of the Campus completed and compliance towards the audit in process:** Recommendations put forth in the Green Audit – to set up a bio-gas plant to digest the food and garden waste for useful conversion of gas is under progress
- **Green Zone (through ample trees and vegetation):** Our Hospital being in Red Category, Green Zone with ample trees and lawn with restriction of motor vehicles is being maintained.
- **Battery Operated Vehicles:** Towards commuting of patients' visitors from the gate to the hospital blocks, Battery Operated Vehicles are used.
- **Bicycles for in campus mobility:** For the students to move between hospital, college and hostel, bicycles have been provided.
- **Water re-cycling:** Primary treatment of Raw Water in the Water Treatment Plant is used all over our premises. Drinkable Water is generated in the R.O. plant. 5% of Treated Sewage Water is re-cycled and used for cooling tower of A.C. Plant.
- Maintenance of noise limits within 75 db
- Optimal length of chimney stacks in DG Room and Kitchen
- Facilities Department encompass House-keeping and Ward Attendants to maintain the interior of the buildings and to provide care to the patients.
- The overall infrastructure of the Institution is monitored by a team of trained Engineers which take care of the Maintenance Activity. Further, all infrastructural developments like building of new structures, buildings, facilities to the staff and students of the college and to the patients and their visitors in the hospital block are being taken care of by the Infrastructure Team. Engineering Department - Civil, Electrical and Air Conditioning disciplines work round the clock to carry out construction, providing back-up power during power failure and to manage air conditioning in critical areas.
- LED Lighting reduces Power Consumption by 75% than conventional lighting. Based on the consumption pattern of different areas of our University, phasing out of conventional lighting arrangements has been done for Street Lights, Corridors, rest rooms and in the reception counters. Extension of Infrastructure is always planned with LEDs.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Students and faculty have registered for Swayam online programs
- Introduction of integrated post graduate program
- Compilation of strategic plan of all the departments and of the university
- Compilation of the best practices of the university
- Effective utilization of the gymnasias by students which has resulted in awards in various inter college sports activities
- Active participation in government initiatives like Unnat Bharat Abhiyan, Swachha Bharat, etc. Student participation in these programs have a significant impact on the young minds
- Online Alumni portal has enabled us include significant number of passed students into the alumni association

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

S.No.	Month	Proposed Agenda	Status
1.	Documentation	<ul style="list-style-type: none"> ◆ NIRF report follow up and plan of action to improve ranking ◆ Strategic Plan of various departments ◆ Compilation of the Best Practices of all the departments and the University 	✓ Completed
		<ul style="list-style-type: none"> ◆ Preparation of the AQAR Review of the AQAR and submission to NAAC 	✓ AQAR submitted
2	Developmental Programs	<ul style="list-style-type: none"> ◆ Workshop on “Successful Scientific Proposal Writing” for faculty of CARE 	✓ Dec 2017
		<ul style="list-style-type: none"> ◆ National Workshop on “e-Learning” 	✓ 6 th & 7 th April 2018
3.	National Conference	<ul style="list-style-type: none"> ◆ National Seminar on “Developing Quality Indicators and Benchmarks for Health Science Institutions in View of NAAC’s Revised Accreditation Framework” 	✓ Received approval from NAAC with Academic sponsorship. Program will be organized on the 14 th & 15 th of Dec 2018
		<ul style="list-style-type: none"> ◆ National Workshop on “e-Learning” 	<ul style="list-style-type: none"> ✓ Conducted on the 6th & 7th of April 2018 ✓ Over 80 Delegates from the southern states participated in the program and it was a grand success. Report submitted to NAAC

4.	Committees of the University	◆ Review of the progress made by various committees of the university	✓ Completed
5.	Department Evaluation Report & Academic Audit	◆ Department Evaluation Report for the period August 2017-December 2017	✓ Half yearly Progress completed
		◆ Analysis of quality of output including innovative teaching methodologies, research publications and funding, Student placement, etc ◆ Action plan based on the data analyzed ◆ Development of strategic plan for every department	✓ Process completed
6.	Feedback	◆ Obtaining Feedback from various stake holders of the University ◆ Analysis and plan of action based on feedback obtained	✓ Feedback forms – developed, obtained and analysed. Actions have been taken based on the outputs from the feedback
7.	Best Practice	◆ Review of the Best Practices of the University	✓ Compilation of Best Practices of the departments and University

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

<ul style="list-style-type: none"> • Student Mentorship • Promoting first generation learners among woman, students from rural areas and underprivileged sectors
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****Provide the details in annexure (Annexure 2)***

7.4 Contribution to environmental awareness / protection

<ul style="list-style-type: none"> ▪ Based on the UGC Guidelines Environmental awareness and protection has been incorporated in the curriculum for most of the academic programs offered by the university ▪ The university and the NSS Unit has been proactive in the “Swatch Bharath Mission” ▪ Conservation of Natural Resources: 700 KL of treated sewage water per day is used for the entire garden, lawns and forest areas of our premises. A part of the treated water 50 KLD is softened and led to Cooling Tower of our A.C Plant. Part of the Treated sewage water is planned for toilet flushing. Power Consumption from Tamil Nadu Electricity Board is offset by our own wind mill generation: Power generation by non-conventional methods through our 19 windmills at Coimbatore Belt offsets nearly 45% of our annual power consumption. Power generation through Windmill (onshore) reduces Carbon footprint by nearly 80 times than Coal based generation. Additional 1.25 MW of Wind Turbine Generator (WTG) is added to the existing 3.86 MW of WTGs. This will increase the Power Requirement met by renewable sources further to 65 – 70%. ▪ Solar Power utilized for water heaters: Heat Pumps have been installed in place of 24 Nos. SWHs. These Heat Pumps cater to the hot water needs of 1500 students of Girls and Boys hostel. ▪ Rain water harvesting practiced and excess water stored in Lilly pond ▪ Established a Soft Water Plant to make use of the Treated Sewage Water to be fed to A.C. Cooling Towers. ▪ 1200 KL/D (600 KL / D x 2) STP are in operation with an average of 750 KL being treated per day. ▪ Almost 75% of campus is having green cover with various species of plants and trees ▪ Hazardous Wastes (used DG oil, used grease, cotton waste and batteries) are segregated and stored and disposed off methodically through Tamil Nadu Waste Management Ltd.
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- CSIR-CLRI visited our campus and to assess the possibilities of establishment of a biogas plant for utilization from solid waste generated. Quantification of biodegradable and non-biodegradable waste generation, Assessment of typical characteristics, Conducting laboratory studies were done for design of the Biomethanation Plant.
- Pedestrian friendly pathways: With well defined Green Zone area, the roads of our campus are made up of RCC slabs with proper rain water drain gradient, storm water drain trench along the sides of the road and pedestrians walk way above the trench with anti slip tiles.
- Green Audit of the Campus completed and compliance towards the audit in process
- Green Zone (through ample trees and vegetation)
- Battery Operated Vehicles
- Bicycles for in campus mobility
- Water re-cycling
- Rain Water Harvesting
- Roof and land based RWH is established in our University and Hospital Area. Self – Sufficiency of Water Supply is achieved to nearly 2 months in the dry monsoon period after increasing RWH Pits in our campus due to re-charge of ground water aquifers. It has also considerably augmented the Ground Water Table.
- All the rain water that flow through the drains are collected in the Lily pond at the north east corner of the campus. Water thus collected during each rainy season fulfill the water need of the campus for 3 – 4 months.
- A separate horticulture team monitors the green zone of the campus by maintaining of the lawns and plants and cleanliness of the exterior and interior garden areas.
- The Horticulture Team of our Campus have set up a Herbal Garden with cultivation of common and rare herbs in the project.
- Non-conventional sources are available at low cost, are pollution-free and inexhaustible. Wind as a source of energy is plentiful, inexhaustible and pollution free. Our Hospital is keen in adapting herself to Renewable Energy Utilization. As of now we have a 3.865 MW of Wind Energy Generators set up exclusively for our Hospital's use. Nearly 40% of our Annual Energy Consumption comes through Wind Energy.
- We are also in the process of arranging Power for our Hospital through Bio-mass Generation. Both Wind and Bio-mass sources of energy contribute minimal Carbon Footprint (expressed in gms of CO₂ eq. / KWH of Electrical Energy). Audit has highlighted that 30% of our landfilled waste is recyclable and another 38% is compostable. Our university continues to work towards zero waste by planning to convert the Food Waste into Bio-Gas and the residue as manure. Proposal to install a Bio-Digester to generate Bio-gas is on the cards. The generated gas will offset the LPG usage in our kitchens. Furthermore, the Garden Waste is being dumped in the dumpyard for composting. Periodical removal of this compost is done and is layered on the soil near the plants and trees. This act as a manure for the vegetation. Briquette preparation is another valuable idea proposed by the Audit Team, in which wood waste and other dry leaves can be made use of to form briquettes. This briquettes can be used for burning of choolas in our kitchens which has high calorific value.
- Barrier-free features have been fundamentally incorporated to all design concepts with effective implementation of access pathways, entrances and utility rooms to break barriers and open doors for an inclusive society. We, as committed and concerned professionals have taken up the responsibility of addressing issues and demonstrate through our work the benefits of a barrier-free environment. Ramps in almost all the entrances, grab pipes in rest rooms and access ways free from protrusion hazards, dropped kerbs, non-steep ramps, doors or doorways free from impeding the passage of a wheelchair, or other form of barrier which will prevent access by persons with a disability. Special toilet has been provided with a wash basin mounted with the rim not higher than 750 mm above the finished floor level with a clearance of 550 mm from the finished floor level to the bottom of the apron. Tap for wash basin shall be automatic or of lever control type without spring loading.

7.5 Whether environmental audit was conducted?

Yes

No

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7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

- The institution completed the cycle 2 of NAAC Accreditation in October 2015.
- Recommendations given by NAAC Peer Team are being implemented
- The University also had a UGC Inspection in Jan 2018 and we have complied by all the recommendations of the expert committee from UGC
- Active participation in all government initiatives like Unnat Bharat Abhiyan, Swachh Bharat Abhiyan, and others

8. Plans of institution for next year

S.No.	Month	Proposed Agenda
1.	August 2018	<ul style="list-style-type: none"> ◆ Development of Digital submission format for Department Annual report ◆ Development of department review presentation report and review of the department ◆ Preparation of the AQAR
2	September 2018	<ul style="list-style-type: none"> ◆ Review of Departments ◆ Review & Plan for enhancement of research at CARE ◆ Strengthening strategies for community engagements
3.	October 2018	<ul style="list-style-type: none"> ◆ Review of Departments ◆ IQAC Internal Seminar : Strengthening Research and Skill based Courses
4.	November 2018	<ul style="list-style-type: none"> ◆ Presentation of AQAR to Board of Management ◆ Submission of AQAR to NAAC ◆ Data collection and compilation for NIRF 2019
5.	December 2018	<ul style="list-style-type: none"> ◆ IQAC National Conference on ◆ Compilation of data for submission to NIRF ◆ Review activities and outcome of various MoU entered by CARE
6.	January 2019	<ul style="list-style-type: none"> ◆ Review of activities of various committees of the university ◆ Obtaining Feedback from various stake holders of the University ◆ Analysis and plan of action based on feedback obtained
7.	February 2019	<ul style="list-style-type: none"> ◆ IQAC Internal seminar ◆ Half yearly Progress report of the departments of CHRI & CCN (Aug 18 – Jan 19)
8.	March 2019	<ul style="list-style-type: none"> ◆ Sensitization of departments for NAAC reassessment in 2020 ◆ Review of the Best Practices implementation and outcome
9.	April 2019	◆ Conduct of Academic and Administrative
10.	May 2019	<ul style="list-style-type: none"> ◆ IQAC Internal Seminar ◆ Audit of Research output of the University
11.	June 2019	◆ Review of Audit reports
12.	July 2019	<ul style="list-style-type: none"> ◆ Department Evaluation Report for the period January 18 - July 18 ◆ Preparation of the AQAR 2018-2018

Name: Prof.D.C.Mathangi

Signature of the Coordinator, IQAC

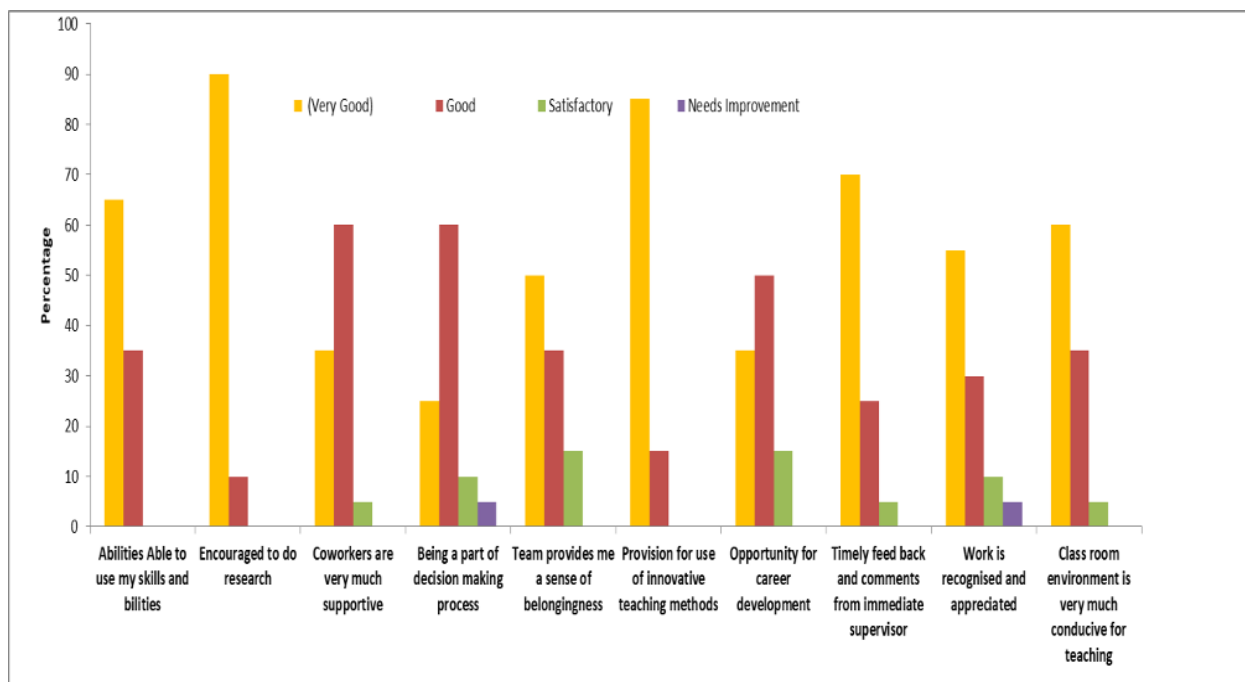
Name: Prof.T.Balasubramanian

Signature of the Chairperson, IQAC

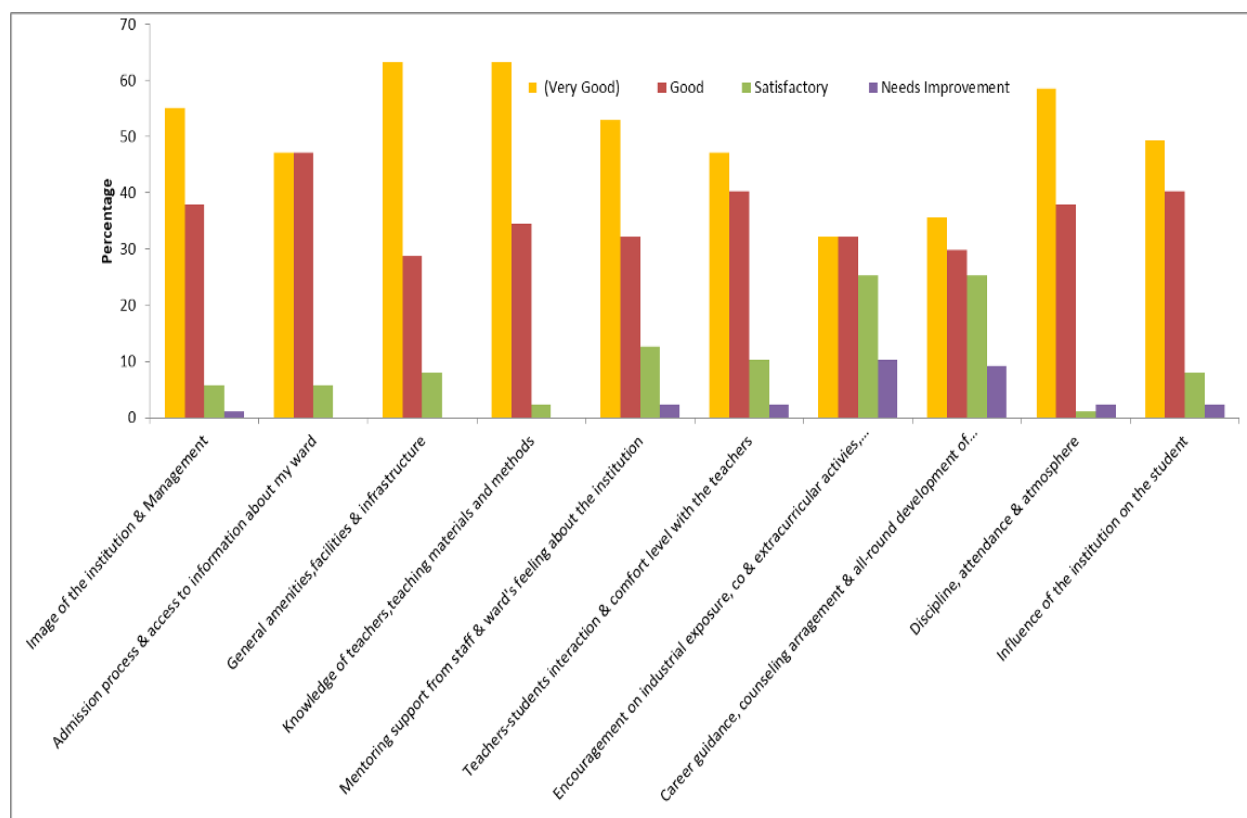
Prof. T. Balasubramanian
Vice Chancellor
Chettinad Academy of Research & Education
Rajiv Gandhi Salai, Kelambakkam
Kanchipuram District - 603 103.

Annexure 1 : Analysis of the feedback

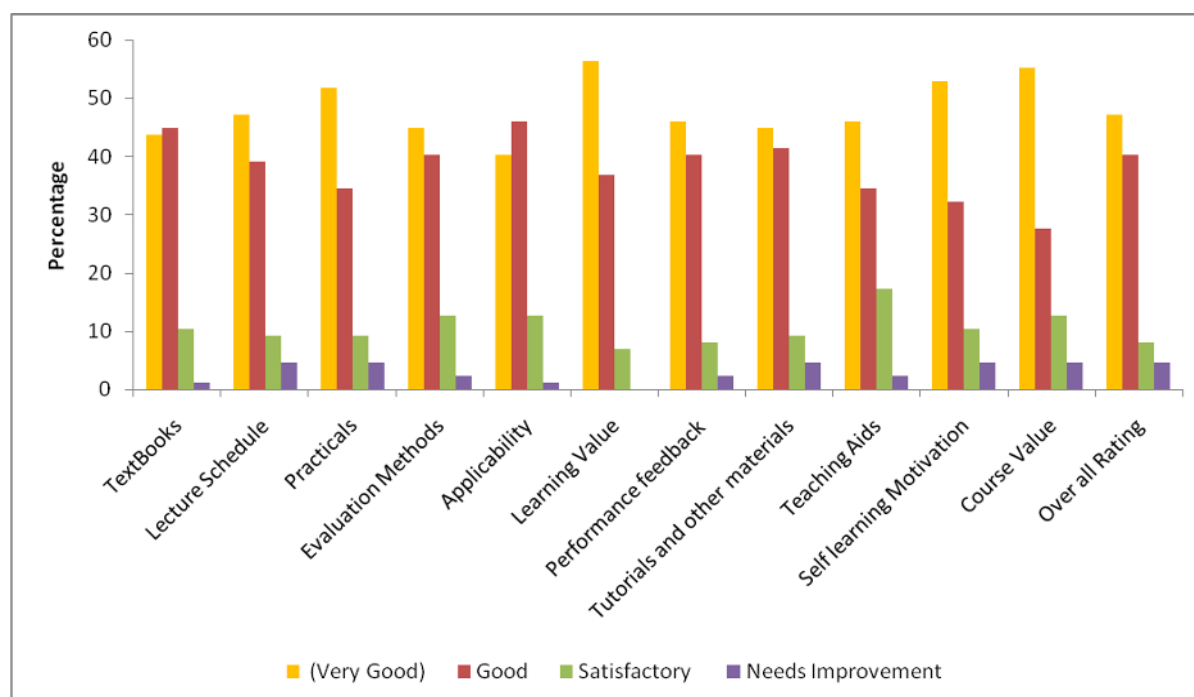
Feedback on Teacher



Parents Feedback



Feedback on Academic Program

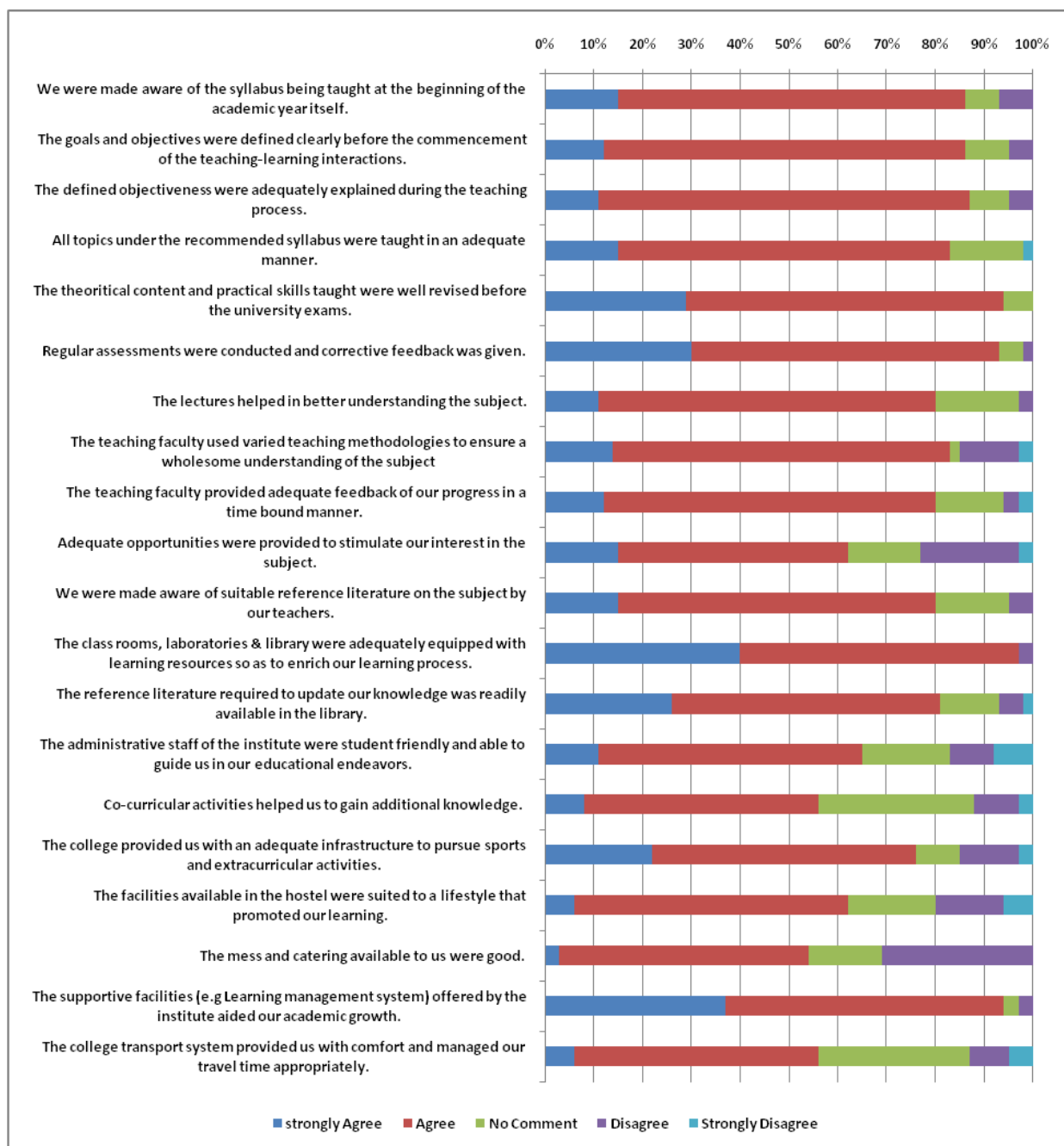


Action Taken on the feedback

Four common requirements and action taken

S.No.	Feedback	Action Taken
1.	Provision for an internship	Internship has been introduced Students provided ON DUTY attendance during the period of internship
2.	Updating of textbooks in the library	Efforts to update textbooks in the library is in progress
3.	Campus recruitments	Campus recruitment introduced for almost all the programs through the cell for campus recruitment taking the initiative to invite companies to come to the campus
4.	More time for project work	To increase project work time for UG students, one subject has been dropped from the curriculum during the project semester

Overall Feedback



Annexure 2: BEST PRACTICE

1. Title of the Practice: Promoting first generation learners among woman, students from rural areas and underprivileged sectors.

2. Objectives of the Practice:

- ❖ To identify the first generation learners among the rural community, woman and the underprivileged sector.
- ❖ Create opportunities and space for their social and academic growth.
- ❖ To provide additional resources like free educational materials, special mentorship programme, counseling by peers for aiding and impacting graduation.
- ❖ To provide quality higher education in health care in new inter-disciplinary innovative programs in emerging areas to the above learners at an affordable cost to empower them.

3. The context that required initiation of the practice.

The mission of CARE is to offer quality higher education and services in health care to people from all strata in an affordable manner for social, economical and national development.

The institution is located in the rural area which is lacking of higher education system. Hence providing quality education to them is the need of the hour for such students.

4. The Practice:

- The institution identifies the first generation learners by conducting surveys in the rural community and fairs, outreach programme, counseling and motivational programme and NSS activities.
- During the outreach programme, first generation students among the rural families are identified and family folders are maintained.
- In the higher secondary schools located nearer to the institution and other rural areas, students counseling programme are conducted for admissions into nursing courses.
- Progress of students on academic and other fronts is monitored continuously through mentor system.
- During the course of their study, CARE offers them help in the form of concessions in fees, research fellowships and free insurance coverage.
- Focus on special groups like fishermen, irulas, sculptors etc by disseminating academic information thereby creating awareness about scope of nursing in the form of pamphlets, notice, etc and advertising through local mass media at the appropriate time.
- Motivating the young minds in serving the rural public at times of epidemic outbreak of diseases and during natural calamities.
- Inspiring the student learners to offer the helping hands to the needy community through NSS in which attention is not only given to health but also healthy maintenance of eco system.

5. Evidence of success:

- One third of the total number students admitted in FAHS are first Generation learners.
- About 70% of students are women.
- It is evident that more women are drawn towards health care education offered by CARE from the continuous increase in the number of women candidates over the years.
- Most of them hail from village areas.
- Students from various states have enrolled under FAHS in various courses.
- The pass percentage is high.

6. Problems encountered and Resources required

- Language laboratories, e-learning facility, computer aided packages are provided.
- But, due to **poor Basic English knowledge**, they are unable to utilize the available resources.
- Conducting English coaching classes during summer and winter vacation for the students when they are in schooling is recommended to attain their basic English knowledge.

1. Title of the Practice: Student Mentorship.

2. Objective of the Practice:

- ❖ To inculcate the right attitude right from the beginning.
- ❖ Helping and aiding the slow learners in their learning process to make them succeed.

3. The Context that required initiation of the practice:

Many students who enter college has little understanding of the complex landscape of higher education or how different it was from their earlier system of education in school. Hence most of the students were finding it difficult to cope with their learning process. By way of effective mentoring and special focus towards them, they gain confidence, training and better understanding of the course.

4. The Practice:

- Slow learners are identified in all disciplines and a faculty is made responsible for motivating and training such students.
- Faculty who are made as mentors, understand the students weakness like, language barrier, communication skills, level of understanding, confidence levels, etc. after understanding such student weakness and strengths they accordingly mentor them.
- Each mentor is allocated a batch containing about 10-15 students and as per the time available to the faculty, the students can access the mentor for their learning needs.
- The mentor keeps monitoring the academic growth of the allocated students on a continuous basis.

5. Evidence of Success:

- It has been noted that students who are under the mentoring system exhibit greater learning capability.
- Experience higher degree of success in persisting in their graduation and performing better in academic coursework.
- Ability to prepare in conference presentations and research work.

6. Resources:

- Faculty.
- Access to LMS.
- Rooms for accommodating students.