

## The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC.

### Part – A

#### 1. Details of the Institution

1.1 Name of the Institution	Sri Ramachandra Medical College & Research Institute (Deemed to be University)
1.2 Address Line 1	No.1, Ramachandra Nagar
Address Line 2	Porur
City/Town	Chennai
State	Tamil Nadu
Pin Code	600 116
Institution e-mail address	vc@sriramachandra.edu.in
Contact Nos.	044 - 24768431
Name of the Head of the Institution:	Dr. P. V. Vijayaraghavan Vice-Chancellor

Tel. No. with STD Code: 044 - 24768431

Mobile: 9840043415

Name of the IQAC Co-ordinator: Dr. A Ravi

Mobile: 9841426477

IQAC e-mail address: iqac@sriramachandra.edu.in

1.3 NAAC Track ID (For ex. MHC0GN 18879) TNUNGN10143

1.4 NAAC Executive Committee No. & Date:  
(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)

EC (SC)/03/RAR/25 dated 24-9-2014

1.5 Website address: www.sriramachandra.edu.in

Web-link of the AQAR: <http://www.sriramachandra.edu.in/AQAR> 2017-18.doc

#### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.52	2009	2014
2	2 <sup>nd</sup> Cycle	A	3.62	2014	2019
3	3 <sup>rd</sup> Cycle	-	-	-	-
4	4 <sup>th</sup> Cycle	-	-	-	-

1.7 Date of Establishment of IQAC: 09/09/2009

1.8 AQAR for the year (for example 2010-11) 2017 - 18

1.9 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 2014-15 submitted to NAAC on 31/07/2015
- ii. AQAR 2015-16 submitted to NAAC on 17/08/2016
- iii. AQAR 2016-17 submitted to NAAC on 31/08/2017

1.10 Institutional Status

University	State	<input type="checkbox"/>	Central	<input type="checkbox"/>	Deemed	<input checked="" type="checkbox"/>	Private	<input type="checkbox"/>
Affiliated College	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Constituent College	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Autonomous college of UGC	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Regulatory Agency approved Institution	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>				

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

Type of Institution	Co-education	<input checked="" type="checkbox"/>	Men	<input type="checkbox"/>	Women	<input type="checkbox"/>
	Urban	<input checked="" type="checkbox"/>	Rural	<input type="checkbox"/>	Tribal	<input type="checkbox"/>
Financial Status	Grant-in-aid	<input type="checkbox"/>	UGC 2(f)	<input type="checkbox"/>	UGC 12B	<input type="checkbox"/>
	Grant-in-aid + Self Financing	<input type="checkbox"/>	Totally Self-financing	<input checked="" type="checkbox"/>		

1.11 Type of Faculty/Programme

Arts	<input type="checkbox"/>	Science	<input type="checkbox"/>	Commerce	<input type="checkbox"/>	Law	<input type="checkbox"/>	PEI (Phys Edu)	<input type="checkbox"/>
TEI (Edu)	<input type="checkbox"/>	Engineering	<input type="checkbox"/>	Health Science	<input checked="" type="checkbox"/>	Management	<input checked="" type="checkbox"/>		
Others (Specify)	<div> Medicine; Dentistry; Pharmacy; Nursing; Physiotherapy;  Bio Medical Sciences, Technology &amp; Research; Allied  Health Sciences and Public Health </div>								

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

NA

1.13 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

NA

DST Star Scheme

-

UGC-CE

-

UGC-Special Assistance Programme

-

DST-FIST

--

UGC-Innovative PG programmes

-

Any other (*Specify*)

Deemed to be University

UGC-COP Programmes

-

## **2. IQAC Composition and Activities**

2.1 No. of Teachers

14

2.2 No. of Administrative/Technical staff

1

2.3 No. of students

2

2.4 No. of Management representatives

7

2.5 No. of Alumni

3

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

4

2.9 Total No. of members

33

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No.  Faculty

Non-Teaching Staff & Students  Alumni  Others

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.  International  National  State  Institution Level

**(ii) Themes**

1. Seminar conducted on “Revised Accreditation Framework for NAAC” on 13<sup>th</sup> February 2018 at Central Library Auditorium, Dr. S. Rangaswami, Former Vice Chancellor, SRIHER (DU) have been invited as resource person. 200 faculties participated.
2. Workshop conducted on the new NAAC manual of both “Qualitative and Quantitative metrics’ for CQC Members, IQAC & Quality Cell members by Dr. S. P Thyagarajan, Professor of Eminence & Dean (Research) on 1<sup>st</sup> June 2018. 175 faculties participated.
3. Indo-US programme on “Research Capacity building”: Phase III, a session “One to one discussion with Registrants with new research proposals” was presented by Dr Caven McLoughlin, Professor, Kent State University, on 2<sup>nd</sup> March 2018 at Central Research Facility Conference Hall.
4. Indo-US programme on “Research Capacity building”: Phase III, a workshop on “How to transform the Ph.D thesis publishable” for Ph.D Students was presented by Dr Caven McLoughlin, Professor, Kent State University on 3<sup>rd</sup> March 2018 at Seminar Hall, SRMC&RI(DU).
5. Indo-US programme on “Research Capacity building”: Phase III, a session on “Review of the GATE-Young Faculty Projects & Research Ambassadors Strategic

Plan-Development” by Dr Caven McLoughlin, Professor, Kent State University on 5<sup>th</sup> March 2018 at Central Research Facility Conference Hall, SRMC&RI(DU). All the GATE project awarded faculties attend the program.

6. Indo-US programme on “Research Capacity building”: Phase III, a session “World University Ranking of Universities” will be presented by Dr Caven McLoughlin, Professor, Kent State University, Ohio, USA & Visiting professor, SRMC & RI(DU), Chennai on 6<sup>th</sup> March 2018 at Dental Basement Auditorium.
7. Indo-US programme on “Research Capacity building”: Phase III, a session “Health – incubators and Start-ups International Scenario” by Dr. Caven McLoughlin and National Scenario by Dr. Desikan on 7<sup>th</sup> March 2018 at Central Library Auditorium.
8. Indo-US programme on “Research Capacity building”: Phase III, a session “Interaction with Publication Oversight Committee” by Dr. Caven McLoughlin, Professor, Kent State University, on 8<sup>th</sup> March 2018 at CRF Conference Hall, SRMC&RI. All POC members attended the program.
9. Indo-US programme on “Research Capacity building”: Phase III, a session “Researgence portal for Research promotion & How to maximize productivity through MoUs with partnering Institutions” by Dr. Caven McLoughlin, Professor, Kent State University, on 9<sup>th</sup> March 2018 at Central Library Auditorium, SRMC& RI(DU).
10. Indo-US programme on “Research Capacity building”: Phase III, a session “Innovations by students & their impact” talk by Dr. Caven McLoughlin, Professor, Kent State University, on 12<sup>th</sup> March 2018 at University Auditorium, SRMC& RI (DU). Under Graduates, Post Graduates & Ph.D students of all the Health Sciences departments attended the program.
11. Indo-US programme on “Research Capacity building”: Phase III, a session “Interactive program with Clinical Faculty on Post Graduates Dissertation development with Dr. Caven McLoughlin, Professor, Kent State University, on 14<sup>th</sup> March 2018 at Dental Basement Auditorium, SRMC& RI (DU).
12. Indo-US programme on “Research Capacity building”: Phase III, a session “Stress Management & Psychological counselling for students” by Dr. Caven McLoughlin, Professor, Kent State University, on 15<sup>th</sup> March 2018 at Dental Basement Auditorium, SRMC& RI (DU).

## 2.14 Significant Activities and contributions made by IQAC

<b>MONTH</b>	<b>EVENT</b>
June 2017	<ul style="list-style-type: none"> <li>❖ Preparation of AQAR 2016-17 for submission to NAAC.</li> <li>❖ 2 new electives identified to offer for CBCS programs</li> <li>❖ Revision of Format for feedback forms for all stake holders</li> </ul>
July 2017	<ul style="list-style-type: none"> <li>❖ Conducted General Body Meeting</li> <li>❖ Annual Quality Assurance Report 2016-17 submitted to NAAC</li> <li>❖ To sensitize faculty for submission of projects to BIRAC &amp; AYUSH.</li> </ul>
August 2017	<ul style="list-style-type: none"> <li>❖ Initiation of process to start innovative job oriented programs under Prime Minister Skill enhancement program viz. LSSSDC &amp; HSSSDC.</li> <li>❖ Retrieval of data from departments and administrative sections.</li> <li>❖ Constitution of UGC Review committee</li> </ul>
September 2017	<ul style="list-style-type: none"> <li>❖ Assist Placement cell to organise career orientation program for students of paramedical courses</li> <li>❖ Analyze feedback obtained from various stakeholders.</li> <li>❖ Facilitated to update website information of all departments for the preparation of NIRF ranking.</li> <li>❖ Sensitization of Quality Cell members, HODs of all departments and all staff members in different stages regarding new format of NAAC accreditation process.</li> </ul>
October 2017	<ul style="list-style-type: none"> <li>❖ Collection of data for NIRF report.</li> <li>❖ Analyze status of progress as outlined in SRU Vision 2025 document.</li> <li>❖ Sensitisation of all the Quality Cell members regarding Institution of Eminence proforma.</li> <li>❖ Collation of data for the preparation of report for Institution of Eminence</li> <li>❖ Collation of data for the preparation of the University for UGC Review committee meeting and for Academic &amp; Administrative Audit (AAA) report</li> </ul>
November 2017	<ul style="list-style-type: none"> <li>❖ Follow up of departmental Evaluative reports.</li> <li>❖ Consolidation of report for National Institutional Ranking Framework (NIRF) submission.</li> <li>❖ Preparation of Academic &amp; Administrative Audit report.</li> <li>❖ Conducted Academic &amp; Administrative Audit Committee visit</li> </ul>
December	<ul style="list-style-type: none"> <li>❖ Conduct of General Body meeting.</li> <li>❖ Submission of University application to NIRF.</li> </ul>

2017	❖ External Peer Review by External Expert Committee review of the Deemed University – Review report submitted to UGC.
January 2018	<ul style="list-style-type: none"> <li>❖ Preparation of Annual report of SRU.</li> <li>❖ Conduct of workshop on new format of NAAC to Q Cell &amp; IQAC Members.</li> <li>❖ Review on Action Taken Report on NAAC Cycle -2 recommendations</li> <li>❖ Facilitation in the submission of Institution of Eminence report to MHRD</li> </ul>
February 2018	<ul style="list-style-type: none"> <li>❖ Conduct of workshop on NAAC new manual sensitization</li> <li>❖ Analysis of the roadmap development to be implemented for achieving Medium – term goals of SRU Vision 2025.</li> <li>❖ Conduct of gap analysis based on the requirements of Qualitative and Quantitative metrics as per NAAC revised manual.</li> </ul>
March 2018	<ul style="list-style-type: none"> <li>❖ Retrieval of data for departmental Evaluative reports.</li> <li>❖ Follow up of NIRF report.</li> <li>❖ Conduct of Workshop on Research Capacity Building for Research Ambassador of the University.</li> <li>❖ Formation of College Quality Cell of constituent colleges to facilitate in the preparation of NAAC report for cycle 3 Accreditation.</li> </ul>
April 2018	<ul style="list-style-type: none"> <li>❖ Sensitization of Quality Cell and College Quality Cell members on the new e-format of NAAC.</li> <li>❖ Coordination with Placement Cell in placement activities.</li> <li>❖ Preparation of Common wealth Survey report</li> <li>❖ Submission of University report to All India Survey Higher Education, MHRD</li> </ul>
May 2018	<ul style="list-style-type: none"> <li>❖ Fine tuning of Action Taken Report on NAAC Cycle - 2 recommendations</li> <li>❖ Preparation of Quantitative metrics required as per NAAC format and presentation of the report by all College Quality Cell for Cycle-3 accreditation.</li> </ul>



## 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.	Plan of Action	Achievements
1.	Conduct of General Body Meeting	General Body Meeting conducted on 31 <sup>st</sup> July 2017 and December 2017.
2.	Addition of new Elective for CBCS	2 electives were added in the year.
3.	Revision of Format for feedback forms	Feedback forms obtained from Faculty, Students, Parents, Alumni, and Employers are revised and made available in SRU portal.
4.	To sensitize faculty for submission of projects to BIRAC & AYUSH	Sensitization of faculty across constituent colleges by sending copies of advertisement issued by Dean Research (BIRAC,AYUSH,DST, DBT,ICMR).
5.	Initiation of process to start innovative job oriented programs under Prime Minister Skill enhancement programme.	13 Skill enhancement program under HSSDC and one programme under LSSSDC were started.
6.	Assist Placement Cell for conduct of career orientation program.	Career orientation programs were conducted by the Training Centre of the University for all the Paramedical Faculties.
7.	Conduct of Academic & Administrative Audit Committee	Conducted Academic & Administrative Audit Committee visit in the month of Nov 2017.
8.	Analyse Feedback obtained from various stakeholders.	Feedback obtained from students, parents, Alumni were analyzed and report presented in the AQAR 2017-18.
9.	Conduct of workshop on NAAC new manual sensitization	Workshop on NAAC new manual on both Qualitative and 'Quantitative metrics' for CQC Members, IQAC & Quality Cell members was conducted on 12th February 2018.
10.	Conduct of Indo-US programme on "Research Capacity Building": Phase III	Workshop conducted from Indo-US programme on "Research Capacity building": Phase III to all Research Ambassadors of the University on 1 <sup>st</sup> to 16 <sup>th</sup> March 2018 at SRIHER (DU) .
11.	Analyze status of progress as outlined in SRU Vision 2025 document.	The status of progress in SRU Vision 2025 document analyzed by 'Quality Cell team & presented.
12.	Sensitize the members on the new e-format of NAAC	Sensitization of all IQAC, Quality Cell, CQC members carried in April 2018.
13.	Action Taken Report on NAAC Cycle-2 recommendations.	The Recommendations of NAAC Cycle-2 by Peer Team members were analyzed.

14.	Coordinate with placement cell in placement activities	Placement Officer in the rank of Deputy Director (Placement) was appointed by the University.
15.	University report to be submitted to various agencies for ranking survey.	University Report submitted to National Institutional Ranking Framework, All India Survey on Higher Education, Association of Commonwealth Universities, and Institution of Eminence.
16.	Submission of National Institutional Ranking Framework (NIRF) to MHRD, New Delhi	<ul style="list-style-type: none"> <li>• Medical College ranked 10 out of 101 Medical Colleges in India</li> <li>• Pharmacy College ranked 21 out of 286 Pharmacy Colleges</li> <li>• SRMC &amp; RI(DU) ranked 40 out of 957 Universities</li> <li>• Achieved category I status under UGC.</li> </ul>

*\* Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body      Yes ☒      No ☐

Management ☒      Syndicate ☐      Any other body ☐      General Body Meeting ☐

Provide the details of the action taken

- Feedback from all stakeholders on curriculum analysed and action taken.
- Constitution of College Quality Cell for all the Constituent Colleges.
- Expansion of 'Quality Cell' to meet the requirements of documentation process.
- 2 new UG programs & 2 new PG programs have been started.
- 13 Skill enhancement programs under HSSDC and one program under LSSSDC have been started.
- Three new elective programs have been identified under CBCS.
- The green campus day, an initiative undertaken by the faculty and students of SRMC to promote cleanliness, was celebrated on the 3rd of September 2017.
- Conducted Academic & Administrative Audit Committee visit on the Month of Nov 2017.
- Conduct of External Peer Review Expert Committee visit for UGC in December 2017.
- Initiated introduction of research portal called Researegence to update faculty research profiles.

## Part – B

### 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	-
PG	81	2	83	-
UG	15	2	17	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	1	-	1	-
Others	2	-	2	14 (HSSC)
<b>Total</b>	100	4	104	14
Interdisciplinary	98	-	98	
Innovative	2	4	6	

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

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	35
Trimester	Nil
Annual	69

1.3 Feedback from stakeholders\* Alumni ☒ Parents ☒ Employers ☒ Students ☒  
(On all aspects)

Mode of feedback : Online ☒ Manual ☐ Co-operating schools (for PEI) ☐

*\*Please provide an analysis of the feedback in the Annexure*

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

Sl.No.	Name of the Course	Revision was Done
1.	BASLP (Bachelor in Audiology and Speech Language Pathology)	27.10.2017
2.	B.Pharmacy	27.10.2017
3.	M.Pharmacy	27.10.2017
4.	M.D.S	27.10.2017
5.	B.D.S	27.10.2017

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

1. Medical Oncology 2. Surgical Oncology
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## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
874	320	149	183	222

2.2 No. of permanent faculty with Ph.D.

109
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Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	39	-	2	-	2	-	78	-	121	-
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2.4 No. of Guest and Visiting faculty and Temporary faculty	-	60	-
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	154	485	454
Presented papers	80	127	52
Resource Persons	49	141	177

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

- Cadaver Based Training program in Orthopedics, ENT & Arthroscopy
- Innovative curriculum – integrated programmes in Radiology and Medical Imaging
- Integrated curriculum extended to Phase II & III for MBBS & Integrated curricular module introduced for BDS.
- Conduct of OSCE for PG Students in Faculty of Nursing
- Introduced Competency based curriculum for UG students in Faculty of Nursing
- Training of the trainers: All faculties have completed two sessions of TOT conducted by service sector nursing personnel to enhance their capacity in educating students to work as nursing personnel in NABH accredited hospital
- Simulation methods of teaching extended to all Constituent Colleges
- Use of ICT in Teaching-Learning methodologies.
- Panel discussion, symposium, debate, and quiz methods were used in class room to strengthen students interaction
- Conduct of pre test and post test for all students at the entry level every year.
- Online methodologies like MOOCS NPTEL, SWAYAM portals were used.
- Skills/Simulation labs used to demonstrate proposed skills.

2.7 Total No. of actual teaching days during this academic year	280
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2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

**Implementation of e-Governance systems for Examinations:**

Examinations, Management Information System (E-MIS) is a versatile, purpose – built software, created over the past two years to seamlessly connect between the user departments and the information receiving system at the Controllers' office. The E-MIS system has

facilitated the coordination and smooth functioning of the CBCS system, introduced for 33 programs by generating student –specific examination profiles (choice of Electives), tracking the student performance and timely input of exam related student data is made possible. The challenges faced by introduction of new programs and new regulations in existing programs are resolved with ease through this E-MIS.

This system is utilised for:

- Generating Galley
- University Examinations fee notification
- Online submission of consolidated internal assessments of candidates at the end of the term.
- Obtaining Detained list
- Publishing Exam schedules (Theory and Practical)
- Generation of Hall tickets
- Online support systems to academic section for conduct of term exams.
- Installation of the Online entry of practical exam marks at site
- Introduced Digital evaluation of answer scripts
- Evaluation and compilations of exam components for final marks scored
- Online declaration of final results and the promotions
- Digitization of grade cards and mark sheets

Data obtained online for all our programs is stored in our database for analysis that helps faculty members to monitor student progress.

Such an e-Governance system has helped us to handle situations like:

- Rescheduling of exams (due to natural calamities, etc.)
- Conducting exams in two sessions/ day to reduce time taken for the process
- To declare exam results on time and advance the students progress
- To monitor the progress of students in the given program

This year we also linked these data to enable **student services** through their student log-in (SRU connect, portal), for:

- i) University Examinations fee notification (for online NEFT transfer of fees)
- ii) Hall ticket (Print and appear for exams)
- iii) Exam schedules (Theory and practical)
- iv) No dues from library, hostel, departments and accounts [a system that does not allow students for exams in case of dues]
- v) Announcing the results of the exams individually
- vi) Provide mark statement, provisional certificate and degree certificate to individual students online
- vii) Online feedback by examiners on the examination process and on-screen evaluation

The above services has been introduced for **the first time for 2017- 2018 exams** and benefits the students, academic section to plan for exams, the administration to recover dues, and the CoEs office. It has helped us, to automate, avoid time-delays, become independent of human interface and release students' eligible for exams even on the day of the exams and has reduced transfer of printed documents needlessly.

Bar Coding, Double Valuation, re-evaluation and re-totalling are routinely done in our university since 1995. Provision for Photocopy of answer scripts was instituted from 2015.

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

BoS	Faculty	FDP
115	515	19

2.10 Average percentage of attendance of students

90%
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2.11 Course/Programme wise distribution of pass percentage:

Sl.No.	Title of the Programme	Total No. of Students Appeared	Division			Passed %
			Distinction %	I %	II %	
I	2017					
	June-2017 Session					
1	Bachelor of Dental Surgery	97	3.797%	94.937%	1.266%	81.44%
2	M.D. Paediatrics	9	0.00%	44.44%	55.56%	100.00%
3	M.D. Dermatology, Venereology & Leprosy	6	0.00%	66.67%	33.33%	100.00%
4	M.S. Orthopaedics	17	0.00%	20.00%	80.00%	88.24%
5	M.S. Otorhinolaryngology	6	0.00%	83.33%	16.67%	100.00%
6	M.S. Ophthalmology	6	0.00%	50.00%	50.00%	100.00%
7	M.Sc. Human Genetics	9	33.33%	66.67%	0.00%	100.00%
8	M.Sc. Biotechnology	7	33.33%	66.67%	0.00%	85.71%
9	M.Sc. Medical Bioinformatics	5	25.00%	75.00%	0.00%	80.00%
10	M.Sc. Medical Laboratory Technology	No candidate				
11	M.Sc. Medical Imaging Technology	3	0.00%	100.00%	0.00%	100.00%
12	M.Sc. Trauma care management	2	0.00%	100.00%	0.00%	100.00%
13	M.Sc. Renal Sciences & Dialysis Technology	3	100.00%	0.00%	0.00%	66.67%
14	M.Sc. Neuroscience	1	Nil			0.00%
15	M.Sc. Clinical Nutrition	19	26.32%	73.68%	0.00%	100.00%

16	M.Sc. Medical Radiology & Imaging Technology (5 Year - Integrated)	Passout June 2018				
17	M.Sc. Audiology and Speech Language Pathology	15	0.00%	84.62%	15.38%	86.67%
18	Master in Public Health (MPH) - Occupational and Environmental Health	5	0.00%	100.00%	0.00%	100.00%
19	M.Sc. Medical Anatomy	3	0.00%	100.00%	0.00%	33.33%
20	M.Sc. Medical Physiology	No candidate				
21	M.Sc. Medical Biochemistry	1	0.00%	100.00%	0.00%	100.00%
22	M.Sc. Medical Microbiology & Applied Molecular Biology	3	0.00%	100.00%	0.00%	66.67%
23	M.Sc. Clinical Embryology	No candidate				
24	M.B.A. Hospital & Health Systems Management	29	11.11%	88.89%	0.00%	93.10%
25	M.Pharm. Pharmacy Practice	3	100.00%	0.00%	0.00%	100.00%
26	M.Pharm. Pharmaceutics	5	80.00%	20.00%	0.00%	100.00%
27	M.Pharm. Quality Assurance	No candidate				
28	M.Pharm. Pharmacognosy	3	100.00%	0.00%	0.00%	100.00%
29	M.Pharm. Pharmacology	2	100.00%	0.00%	0.00%	100.00%
30	M.Pharm. Pharmaceutical Analysis	No candidate				
31	M.Sc. Medical Surgical Nursing	5	20.00%	80.00%	0.00%	100.00%
32	M.Sc. Child Health Nursing	6	0.00%	100.00%	0.00%	100.00%
33	M.Sc. Mental Health Nursing	1	0.00%	100.00%	0.00%	100.00%
34	M.Sc. Obstetrics & Gynaecology	5	0.00%	100.00%	0.00%	100.00%
35	M.Sc. Community Medicine	No candidate				
36	M.P.T. Orthopaedics & Traumatology	6	0.00%	100.00%	0.00%	33.33%
37	M.P.T. Neurosciences	6	0.00%	100.00%	0.00%	83.33%
38	M.P.T. Cardio-Pulmonary Sciences	2	0.00%	100.00%	0.00%	100.00%
39	M.Sc. Industrial Hygiene & Safety (3 Year - Part time)	4	50.00%	50.00%	0.00%	100.00%
	<b>August-2017 Session</b>					
40	M.Phil. Clinical Psychology	8	0.00%	75.00%	25.00%	100.00%
	<b>September-2017 Session</b>					



41	D.M. Cardiology	3	0.00%	100.00%	0.00%	100.00%
42	D.M. Neurology	3	0.00%	66.67%	33.33%	100.00%
43	D.M. Nephrology	3	0.00%	33.33%	66.67%	100.00%
44	D.M. Medical Gastroenterology	3	0.00%	0.00%	100.00%	66.67%
45	D.M. Critical Care Medicine	1	NIL			0.00%
46	D.M. Neonatology	Nil				
47	D.M. Neuro Radiology	1	Nil			0.00%
48	M.Ch. Cardio Vascular & Thoracic Surgery	2	0.00%	0.00%	100.00%	100.00%
49	M.Ch. Urology	3	0.00%	0.00%	100.00%	66.67%
50	M.Ch. Neurosurgery	Nil				
51	M.Ch. Surgical Gastroenterology	2	0.00%	100.00%	0.00%	100.00%
52	M.Ch. Plastic & Reconstructive Surgery	Nil				
53	M.Ch. Reproductive Medicine and Surgery	2	0.00%	100.00%	0.00%	100.00%
54	M.Ch. Vascular Surgery	1	0.00%	100.00%	0.00%	100.00%
55	M.Ch. Paediatric Surgery	1	0.00%	100.00%	0.00%	100.00%
56	M.Ch. Neurosurgery (6 Years)	Passout 2019				
	<b>December-2017 session</b>					
57	Bachelor of Medicine & Bachelor of Surgery	212	1.734%	80.925%	17.341%	81.60%
II	2018					
	<b>April-2018 session</b>					
58	Bachelor of Physiotherapy	36	0.00%	65.38%	34.62%	72.22%
59	Bachelor of Pharmacy	56	25.00%	75.00%	0.00%	100.00%
60	Pharm.D. (Doctor of Pharmacy)	29	34.48%	65.52%	0.00%	100.00%
61	Bachelor of Science in Nursing (Basic)	80	2.86%	78.57%	18.57%	87.50%
62	Bachelor of Science in Nursing (Post Basic)	No candidate				
63	Bachelor of Science (Allied Health Sciences)	74	6.76%	89.19%	4.05%	100.00%
64	Bachelor in Audiology and Speech Language Pathology	32	3.125%	93.750%	3.125%	100.00%
65	Bachelor of Science (Trauma Care Management)	No candidate				
66	Bachelor of Science in Biomedical Sciences	46	38.10%	59.52%	2.38%	91.30%

67	B.Optom. (Bachelor of Clinical Optometry)	Exam Process				
68	B.Sc. Sports & Exercise Sciences	16	26.67%	66.67%	6.67%	93.75%
69	Pharm.D. (Post Baccalaureate)	6	50.00%	50.00%	0.00%	100.00%
70	B.Sc. Clinical Nutrition	26	8.00%	88.00%	4.00%	96.15%
71	B.B.A. Hospital and Health Systems Management	4	0.00%	100.00%	0.00%	100.00%
	<b><u>Basic Medical Sciences [Non-Clinical]</u></b>					
72	M.D. Anatomy	No candidate				
73	M.D. Physiology	1	0.00%	100.00%	0.00%	100.00%
74	M.D. Biochemistry	2	0.00%	50.00%	50.00%	100.00%
75	M.D. Pathology	9	0.00%	62.50%	37.50%	88.89%
76	M.D. Microbiology	5	0.00%	0.00%	100.00%	40.00%
77	M.D. Pharmacology	4	0.00%	66.67%	33.33%	75.00%
78	M.D. Community Medicine	4	0.00%	33.33%	66.67%	75.00%
79	M.D. Immuno Haematology and Blood Transfusion	2	0.00%	50.00%	50.00%	100.00%
80	M.D. Forensic Medicine	2	0.00%	50.00%	50.00%	100.00%
	<b><u>Postgraduate Degree Courses [Clinical]</u></b>					
81	M.D. General Medicine	12	0.00%	72.73%	27.27%	91.67%
82	M.D. Paediatrics	11	0.00%	10.00%	90.00%	90.91%
83	M.D. Anaesthesiology	9	0.00%	25.00%	75.00%	88.89%
84	M.D. Radio - Diagnosis	12	0.00%	60.00%	40.00%	83.33%
85	M.D. Dermatology, Venereology & Leprosy	6	0.00%	83.33%	16.67%	100.00%
86	M.D. Psychiatry	2	0.00%	0.00%	100.00%	100.00%
87	M.D. Respiratory Medicine	3	0.00%	66.67%	33.33%	100.00%
88	M.D. Sports Medicine	1	NIL			0.00%
89	M.D. Emergency Medicine	2	0.00%	100.00%	0.00%	100.00%
90	M.S. General Surgery	16	0.00%	13.33%	86.67%	93.75%
91	M.S. Orthopaedics	18	0.00%	12.50%	87.50%	88.89%
92	M.S. Obstetrics & Gynaecology	14	0.00%	8.33%	91.67%	85.71%
93	M.S. Otorhinolaryngology	4	0.00%	50.00%	50.00%	100.00%
94	M.S. Ophthalmology	3	0.00%	33.33%	66.67%	100.00%

	<b>Postgraduate Dental Courses</b>					
95	M.D.S. Conservative Dentistry & Endodontics	5	0.00%	100.00%	0.00%	100.00%
96	M.D.S. Orthodontics & Dentofacial Orthopaedics	4	0.00%	50.00%	50.00%	100.00%
97	M.D.S. Oral Medicine & Radiology	1	0.00%	0.00%	100.00%	100.00%
98	M.D.S. Periodontology	3	0.00%	33.33%	66.67%	100.00%
99	M.D.S. Oral & Maxillofacial Surgery	4	50.00%	50.00%	0.00%	100.00%
100	M.D.S. Prosthodontics and Crown & Bridge	4	0.00%	100.00%	0.00%	100.00%
101	M.D.S. Oral Pathology & Microbiology	1	0.00%	100.00%	0.00%	100.00%
102	M.D.S. Paedodontics and Preventive Dentistry	2	50.00%	50.00%	0.00%	100.00%

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

- Through departmental inputs collected every 3 months online
- Online feedback obtained from students, peers, parents, and faculty and appropriate actions are taken.
- Monthly assessment and feedback of undergraduates and post graduates is monitored by respective education units.

#### 2.13 Initiatives undertaken towards faculty development

<b>Faculty / Staff Development Programmes</b>	<b>Number of Programmes</b>	<b>Number of faculty / staff benefitted</b>
<b>Refresher courses</b>		
Induction & Orientation	8	1453
Orientation Renewal	5	391
<b>Faculty Improvement Programme:</b>		
<b>Medical Education Unit:</b>		
Revised Basic Course Workshop	2	59
Attitudinal communication competency (ATCOM)	2	49
ACME Contact session	4	91
Pharmacy Education Unit	1	40
Dental Education Unit	6	36
Health Science Colleges Education Unit	1	1
Nursing Education Unit	3	125

<b>HRD programmes:</b>		
Soft Skills Training	143	2489
Stress Management Programme	13	259
Rights & Responsibilities (Patient & Employee)	24	586
NABH Sensitization program	29	1625
Attribute Training Based On Appraisal Feedback	68	402
<b>Orientation programmes:</b>		
Induction & Orientation	31	884
Orientation Renewal	49	1208
<b>Staff training conducted by the university</b>	114	2867
<b>Staff training conducted by other institutions</b>	-	-
<b>Summer / Winter schools, Workshops, etc.</b>	--	-
<b>Other Training Programmes:</b>		
BLS	15	195
ACLS/BLS	25	756
PALS	16	424
NALS	22	516
IVCS	20	683
Laser Safety	3	127
Accreditation	29	1625
Live Fire Demo	12	1247
Spoken Hindi Classes	6	128
Spoken Bengali Classes	4	37
Spoken English Classes	4	48
Occupational Hazard	41	574
Health Awareness Programme	15	5108

#### 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	720	NIL	135	NIL
Technical Staff	714	NIL	120	NIL

## Criterion – III

### 3. Research, Consultancy and Extension

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

- ❖ Conduct of Workshop on Indo-US Drug Repurposing for improving Radiotherapy in SRMC & RI on 13<sup>th</sup> November 2017. 85 Faculties & Post Graduate students were participated.
- ❖ Conduct of CME on DBT-BIRAC programme for start-ups in SRIHER (DU) on 2<sup>nd</sup> January 2018, about 100 delegates participated & benefited from the Faculty, Entrepreneurs and Academia.
- ❖ CME on SRMC - Medgenome Genomics Centre Inauguration and Symposium on Genomics in Medicine on 31<sup>st</sup> January 2018. Faculty members were benefited.
- ❖ Conduct of workshop, CME cum Seminar on “Indo US Programme” Research Capacity Building to all Research Ambassadors of the University, Prof Cavin S McLoughlin, Kent State University USA was the Resource person, on 1<sup>st</sup> to 16<sup>th</sup> March 2018. Under Graduate & Post Graduate students with Faculties participated and benefited.
- ❖ CME on “Way Forward for Travel Medicine in India” an online teaching programme on Travel Medicine was conducted on 29<sup>th</sup> March 2018. Post Graduates and Faculties were benefitted.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	62	43	16	41
Outlay in Rs. Lakhs	2985.58	4007.41	840.81	3679.92

### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
<b>Number</b>				
1. Faculty Gate Project	32	102	15	33
2. Ph.D Chancellor Fellowship	20	24	13	-
3. ICMR-MD-Ph.D Fellowship	5	20	3	15
4. Student Summer Research Fellowship	151	196	75	165
<b>Outlay in Rs. Lakhs</b>				
1. Faculty Gate Project	26.31	88.04	13.25	-
2. Ph.D Chancellor Fellowship	24.20	29.04	15.73	-
3. ICMR-MD-Ph.D Fellowship	61.68	123.96	10.45	-
4. Student Summer Research Fellowship	15.10	19.60	7.50	-

### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	166	144	-
Non-Peer Review Journals	79	290	-
e-Journals	-	-	-
Conference proceedings	6	0	-

### 3.5 Details on Impact factor of publications:

Range	0.000-47.831	Average	3.652	h-index	58	Nos. in SCOPUS	270 (2017-2018)
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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 (in lakhs)	Received (in lakhs)
Major projects	Ongoing Projects 43	AICTE, Forgarty International Centre, BRNS, DBT, ICMR, NIH, WHO, Asian Institute, UN Foundation RSSDI, DST, MOES, Lady Tata, USEIF, Omni Active Health Technology, IGCAR, Vision Research Foundation, IADVL, TNSCST, SERB, IUSSTF, CSIR	4007.41	939.70
<b>Minor Projects</b>				
Interdisciplinary Projects <b>CEFT Consultancy</b>	27	SRMC&RI, Non SRMC &RI, CSRI, Dhanvantari Nano Ayushadi PvtLtd, Naturex, Unigenomic Technologies Pvt Ltd, Nitta Gelatin India Ltd, INMAS, AURA Biotechnologies, Spincotech Pvt Ltd, Beyond Antibody, TTK	53.14	4.30
Industry sponsored – <b>Clinical Trials</b>	21	PPD/Excel life science, SIRO Clinpharm, Accutest Research Laboratories (I) Pvt.Ltd., KlinEra Corporation India, Lambda Therapeutic Research, Indian Institute of Technology Madras, Ipca Laboratories Ltd., Bharat Immunologicals & Biological corporation Limited, Dr.Reddy's Laboratories Ltd., Maryland University, etc.,	84.27	84.27
Projects sponsored by the University/ College <b>(2017-2018)</b> <b>GATE Project</b>	15	SRMC&RI (DU)	13.25	13.25
<b>Students research projects (other than compulsory by the University) 2017-2018</b>				
ICMR – MD – Ph.D – TSS Fellowship	3	Indian Medical Council and Research (ICMR)	10.45	10.45
Ph.D Founder Chancellor Fellowship	13	SRMC&RI (DU)	72.60	72.60
Student – Chancellor Summer Research Fellowship	75	SRMC&RI (DU)	7.50	7.50
Any other(Specify) Services and Consultancy projects	95	SRMC&RI, Non SRMC&RI, Vishwa Pharm, Malladi drugs, IIBAT, Lifecell International, Spincotech, Allastir, Cavinkare, Sanmar chemicals, Hospira Healthcake India, Bioneem tech, JKK Agro products, Greenmet lab, Kothari petro chemicals, Cavinkare	14.23	14.23

Total	292		4262.85	1146.3
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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	<input type="text" value="-"/>	CAS	<input type="text" value="-"/>	DST-FIST	<input type="text" value="-"/>
DPE	<input type="text" value="-"/>	DBT Scheme/funds	<input type="text" value="2"/>	ICMR	<input type="text" value="3"/>
UKIERI	<input type="text" value="1"/>	MOES	<input type="text" value="1"/>	BRNS	<input type="text" value="1"/>
DST	<input type="text" value="4"/>	INDO-US (NIH)	<input type="text" value="2"/>	Forgarty International Centres	<input type="text" value="1"/>
AICTE	<input type="text" value="1"/>	Fullbright	<input type="text" value="1"/>	AYUSH	<input type="text" value="1"/>
DRDO	<input type="text" value="1"/>	DAE	<input type="text" value="1"/>	IGCAR	<input type="text" value="1"/>
WHO	<input type="text" value="1"/>	AERB	<input type="text" value="1"/>		

3.9 For colleges

Autonomy	<input type="text" value="-"/>	CPE	<input type="text" value="-"/>	DBT Star Scheme	<input type="text" value="-"/>
INSPIRE	<input type="text" value="2"/>	CE	<input type="text" value="-"/>	Any Other (specify)	<input type="text" value="ICMR – 24&lt;br/&gt;CSIR - 1&lt;br/&gt;SERB – 4"/>

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	10	35	29	125	-
Sponsoring agencies	2	6	4	3	-

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

3.13 No. of collaborations

International	<input type="text" value="1"/>	National	<input type="text" value="3"/>	Any other	<input type="text" value="0"/>
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3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From Funding agency (Ongoing Project received amount)

From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	07 (Applied)
	Granted	05 (Published)
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
602	55	271	113	77	80	6

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

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

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

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level   
National level  International level

3.22 No. of students participated in NCC events:

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.23 No. of Awards won in NSS:

University level	<input type="text" value="2"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.24 No. of Awards won in NCC:

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="564"/>	College forum	<input type="text" value="109"/>	
NCC	<input type="text" value="-"/>	NSS	<input type="text" value="10"/>	Any other <input type="text" value="37"/>

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

- Lake Conservation & Restoration Projects
- Basic Life Supporting Techniques Training to volunteers and Community youth
- Substance Abuse- Awareness Programmes for Adolescents
- Helping in the Construction of 55 sanitary toilets in Annambedu Village to make it open defecation free village under Swachh Bharat Abhiyaan for which University has contributed the margin money.

## 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	149.48 acres	-	SRMC & RI	149.48 acres
Class rooms	169 Nos	-	SRMC & RI	169
Laboratories	79 Nos	-	SRMC & RI	79
Seminar Halls	3 Nos	-	SRMC & RI	3
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	-	37	SRMC & RI	37
Value of the equipment purchased during the year (Rs. in Lakhs)	-	127.8	SRMC & RI	127.8
Others	-	Swayam AV studio	SRMC & RI & IIT(M)	-

#### 4.2 Computerization of administration and library

Library is fully automated with bar code technology

#### 4.3 Library services

	Existing		Newly added		Total	
	No.	Value (in Lakhs)	No.	Value (in Lakhs)	No.	Value (in Lakhs)
Text Books	30755	15420191.00	1100	134283.00	31855	15554474.00
Reference Books	25550	45609419.00	900	2511504.00	25623	48120923.00
e-Books	09 Titles	95000.00	SUBSCRIPTION CONTINUED		09	95000.00
Journals	334	20338336.00	30	2994965.00	364	23333301.00
e-Journals	452	1109375.00	4	256014.00	456	1365389.00

Digital Database	07	1463682.00	RENEWAL CONTINUED		07	1463682.00
CD & Video	4692	-	361	6806.00	5053	6806.00
Others (specify)	-	-	British council Membership	8500.00		8500.00
			Delnet Membership	13570.00		13570.00
			EzProxy	118000.00		118000.00
			Plagiarism	65451.00		65451.00
			Clinical Learning	535000.00	-	535000.00

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	840	8	BSNL –1gb Airtel – 2 Lines – 100 Mbps & 10 Mbps Vodafone – 20 Mbps	2	8	-	-	-
Added	60	-	-	-		-	-	-
Total	900	8	4	2	8	-	-	-

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

##### **Software:**

- 1. GE Centricity Software :** Is an Integrated Anaesthesia Management solution It has been implemented as it enables care consistency ,complete data documentation and advanced data analysis capabilities ,which are all essential in supporting patient care from preoperative assessment ,through induction and operating theatres to post anaesthesia care . In addition, data documentation and analysis enables training and teaching capabilities.
- 2. Quest Software:** Quest data backup and disaster recovery suite enables protection of data, whether physical , virtual and or in cloud. In case of disaster, recovers the environment without any impact for the users.

### **Server & Storage :**

1. **EMC Storage:** SAN EMC is used to increase storage utilisation rates i.e multiple servers accessing the storage device, improves application performance and availability . In addition provides data protection capabilities
2. **Server Consolidation & Virtualization:** All the existing servers have been upgraded ie both hardware & software. Data base software - Migrated from SQL Server 8 to SQL server 12. OS – Migrated from Microsoft Server 2008 R2 to Microsoft server 2016. All the existing servers have been brought under Virtualization. This facilitates improved management of servers.

### **Networking :**

1. Campus wide LAN completed
2. Managed Switches Implemented
3. Process of implementing Campus wide In Building Solution( IBS) & Wifi Solution in the class rooms is in progress
4. Process of setting up a Network Operations Center (NOC) to monitor IT infrastructure health, security, capacity and to ensure optimal network performance and organizational productivity is in progress.

### **e-Governance:**

SRU CONNECT - e-Governance portal, which has been successfully implemented since 2013 has been added with additional features to cover more activities. Process of mobile enabling ie accessing the various features of SRU CONNECT through mobile is in progress.

### **e-Learning :**

MOODLE based e-learning is getting enhanced with additional contents to include more topics

### **Smart Class :**

The process of implementing interactive digital boards in the class rooms is in progress

### **University Website:**

The process of revamping the University website as per the decision of the Communication Committee to make the website more dynamic, robust and technically up to date is in progress.

4.6 Amount spent on maintenance in lakhs :

i) ICT	87.75
ii) Campus Infrastructure and facilities	2757.00
iii) Equipments	205.00
iv) Others	585.17
<b>Total :</b>	<b>3634.92</b>

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Rapid Review and Revision course were conducted every year by the departments of Medical, Dental and Physiotherapy Colleges.
- Sensitization of Student feedback survey on curriculum.
- Students of all constituent colleges under SRIHER (DU) proactively organised and took part in promoting Bioethics. Prelims of World Bioethics Day competitions was held on 28th August 2017 and entries for the International Competitions under Artistic Poster, Scientific Poster, Photography and Short film/ Video Competition categories were send for World Bioethics Day celebrated on 26<sup>th</sup> October 2017 at SRIHER (DU) .
- Conduct of Workshop on Indo-US Drug Repurposing for improving Radiotherapy in SRMC & RI on 13<sup>th</sup> November 2017.
- CME on SRMC - Medgenome Genomics Centre Inauguration and Symposium on Genomics in Medicine on 31<sup>st</sup> January 2018.
- Conduct of workshops, CME & Seminar on “Indo Us Programme” Research Capacity Building to all Research Ambassadors of the University. Prof Cavin S McLoughlin, Kent State University USA was the Resource person, (1<sup>st</sup> to 16<sup>th</sup> March 2018).
- Conduct of Innovation Bazaar for students and Ph.D scholar’s on 12th March 2018.
- CME on “Way Forward for Travel Medicine in India” an online teaching programme on Travel Medicine was conducted on 29<sup>th</sup> March 2018.
- Appointment of Deputy Director (Placement) to enhance placement activities.
- Students are allotted to the mentors randomly in the beginning of the academic year. Each mentor will be mentoring 6-7 students at a time.
- Around 7-8 meetings will be held between the mentors and mentees, at the rate one meeting probably at the end of each block. Meetings can be formal or informal. Formal meetings take place at the predefined timings, where the discussions will be centred on academic performance, regularity of attendance and other personal matters if any. Informal meetings also take place during practical or tutorials or dissection classes.
- The students who need higher levels of attention will be brought to the knowledge of the head of the department; the same will be conveyed to the dean of the college also. There are regular meetings between the mentors and the respective department heads.
- The mentees also seek the help of mentors for doing projects, writing articles for publications as well as for presenting oral or poster presentations in conferences.
- Remedial sessions are conducted for the slow learners.
- The importance of research publications were explained to the Under Graduate and Post Graduate students during the orientation program.
- Awareness created about online system of reporting the choice of elective for the students of CBCS program was initiated by IOAC.

## 5.2 Efforts made by the institution for tracking the progression

- a) Close scrutiny of attendance and Internal Assessment performance of each student by the Education units of the University and communicate the same to the parents / guardians by electronic mail.
- b) Interaction with parents twice a year by way of PTA meeting.
- c) Regular email communication with parents regarding student attendance and performance.
- d) Mentorship – a designated faculty member for 5-6 students who interact with them on regular basis to provide guidance and support.
- e) Designated Assistant Deans, under the guidance of Dean (Students) to deal with all student related issues.
- f) Availability of General Manager (Public Relations & International students) – to deal with NRI student affairs.
- g) Placement cell: Designated placement officer to guide students and arrange campus placements.
- h) Recognition and Awards for meritorious students and remedial classes for weak students.
- i) Alumni tracking progression is being tracked by a social platform called Alum book which is exclusive for the SRMC&RI (DU) students.
- j) Online Feedback forms from the Under Graduate students & Post Graduate Students were also used for tracking the progression

5.3 (a) Total Number of	UG	PG	Ph. D.	Others	students
	3995	1145	320	-	

(b) No. of students outside the state	884
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(c) No. of international students	148
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No	%	Men	No	%	Women
1867	34.29		3593	65.80	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
469	155	8	981	-	1613	568	186	6	1405	1	2166

Demand ratio 1:16      Dropout- 0.41%

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

- A career based finishing school program conducted for facilitating the final year Post Graduate (MBA) students of College of Management regarding the placement activities for the year 2017-18 was conducted on 20<sup>th</sup> to 22<sup>nd</sup> September 2017.
- A GPAT training committee constituting of five faculty members from five departments conducts training sessions, mock examinations and assessments for the B. Pharm students during their final year of study for one hour/ week which is also scheduled in their regular time table.
- The Nursing final year students are encouraged to participate in career orientation program every year and motivated to take up competitive examination (IELTS) through the consultancy service (recruitment and careers)
- NEET coaching was facilitated for the interns of Medical & Dental programme.

No. of students beneficiaries

249

#### 5.5 No. of students qualified in these examinations

NET

1

SET/SLET

1

GATE

-

CAT

-

IAS/IPS etc

-

State PSC

-

UPSC

-

Others

NEET – 56  
GPAT – 4  
IELTS – 1  
RRB – 1  
Saudi Nursing Licensing Examination (SNLE) – 1  
CGFNS – 1  
Grand of short service commission in military nursing service) – 1  
GRE – 4  
TOEFL - 4

#### 5.6 Details of student counselling and career guidance

- Orientation program for UG & PG Paramedical students on August 2017
- Orientation program for UG & PG Medical students on August to September 2017
- Placement Cell organised Career guidance program for outgoing UG/PG students
- Career counseling for MBBS students was done as a session at the end of PRODEV program on 10<sup>th</sup> October 2017.
- Mentoring sessions for all Nursing students
- Therapeutic Student Counselling
- Alumni stress management program was conducted on October 2017
- Alumni and Santosh Education and Healthcare Private Ltd & Scholastic Education (US) organised Webinar for Stanford University Career guidance on March 2018 for Medical students.
- Mr. Liza McManus, International Manager, Royal College of Surgeons and Physicians, Glasgow, UK conducted career counselling on opportunities in UK for Indian doctors and guidance for preparation of FRCS programme on 27<sup>th</sup> February 2018



No. of students benefitted

Orientation program for UG & PG Paramedical students – 878  
 Orientation program for UG & PG Medical students - 400  
 Career guidance Program (Placement) UG & PG – 308  
 PRODEV program – 244 Students  
 Mentoring sessions – 523 students  
 Student Counseling – 96 students  
 Alumni stress Management program – 520 students  
 Alumni & SEHPL & SE (US) program – 15 students

### 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
10	121	77	40

### 5.8 Details of gender sensitization programmes

Date	Topic	Resource Person	Number of Participants
08-03-2018	Women Empowerment – Myth or Reality	Captain Ms. Deepa Iyer	150
07-03-2018	“CLEAN INDIA – LETS MAKE THE CHANGE”	Mr. Kumar, Safety Engineer Mr. Premchand, NSS Chief	350

### 5.9 Students Activities

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

State/ University level

152

National level

8

International level

4

#### No. of students participated in cultural events

State/ University level

4497

National level

47

International level

15

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

Sports: State/ University level	15/67	National level	20	International level	3
Cultural: State/ University level	-	National level	31	International level	1

### 5.10 Scholarships and Financial Support

	Number of students	Amount (Rs. in Lakhs)
Financial support from institution	327	82.58
Financial support from government	19	203.47
Financial support from other sources	2	6.22
Number of students who received International / National recognitions	6	8.92

### 5.11 Student organised / initiatives

Fairs : State/ University level	5	National level	-	International level	-
Exhibition: State/ University level	3	National level	-	International level	-

### 5.12 No. of social initiatives undertaken by the students

35

### MEDHOPE

The MedHOPE Foundation and Department of Paediatrics in association with Department of Paediatric Haemato-oncology conducted a Blood donation camp within SRMC & RI campus on 12<sup>th</sup> April 2018. The camp was set free for the SRMCians and the Non- SRMCians. More than 356 people walked in for donating blood and more than 206 Blood Bags were collected in a day. Dept. of Transfusion Medicine and staff of Sri Ramachandra Blood bank made sure the donors had a pleasurable experience. The event was Chiefly Coordinated by 3<sup>rd</sup> Year MBBS students.



### Medical Health Camp

Medical Health Camp: On 9<sup>th</sup> July 2017, a medical health camp was organized by a group of 3<sup>rd</sup> year MBBS students under the guidance & support of Sri Ramachandra Medical College at Thiruvadanthai, ECR. The camp benefited more than 180 people who walked in. The camp was powered by more than 20 MBBS student volunteers. The camp provided free lab services (Hemoglobin levels, Random Blood Sugar, Blood grouping & Urine dip stick test) medical checkup and free medicines for all the patients who attended the camp.



### Duathlon Relay

Duathlon relay 2018, the second installment of the SRMC&RI Student council initiative took place on Saturday, March the 10<sup>th</sup>. The event was conducted campus wide, with registrations made open to all members of the SRMC&RI Family- Students, Consultants, Teaching and Non-Teaching staff of all 9 colleges. The event was conducted in association with Cleft and Craniofacial centre and Smile Train, a non profit cleft charity providing free cleft surgery and care to children in need throughout India and the world. With a voluminous turnout of 180 teams with each team comprising of a 5 members lead by a faculty, the event comprised of a 5 legged relay with 3 rounds of 500m dash, one 1.2 km run and a 2km cycling. The adrenaline filled environment fuelled by a clement morning made the day a memorable one to all 1200 plus participants, organisers and volunteers.





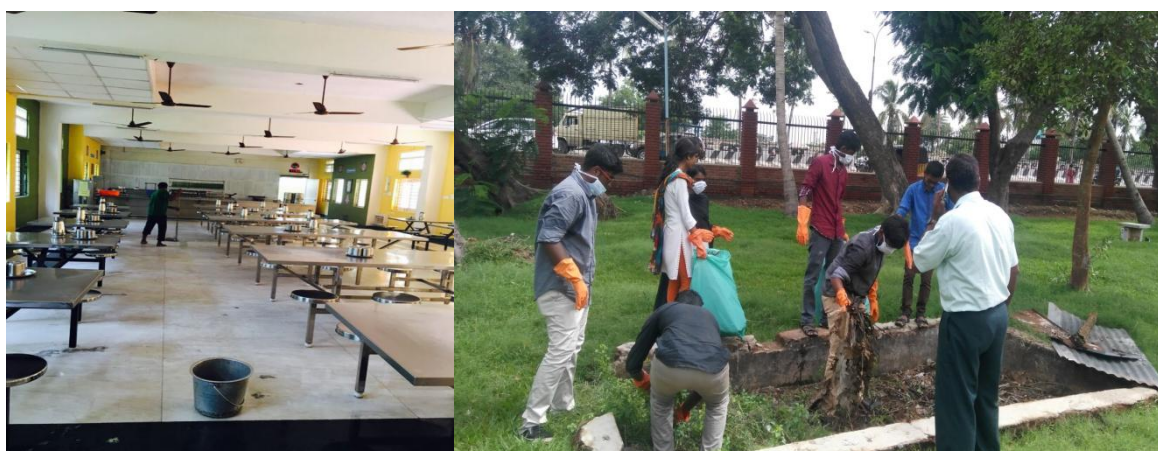
### International Childhood Cancer Awareness Day

The Medical students conduct on International Childhood Cancer Awareness Day on 15<sup>th</sup> February 2018 at SRMC&RI(DU). The MedHOPE Foundation distributed Golden colour ribbons to all the students of SRMC, to raise awareness about Childhood Cancer. Over 400 metres of ribbons were bought and 4000 ribbons were made and distributed to all, including the patients and attenders who visited Sri Ramachandra Hospital on that day. Standing Posters about Childhood Cancer were put up at most crowded places inside the campus. The event was chiefly coordinated by 6 medical students.



### Swachhata Pakhwada - Clean Campus Day

Sri Ramachandra Medical College & Research Institute (DU) taking up the initiative of Swachhata Pakhwada celebrated Clean Campus Day on the 1st of September 2017. The green campus day, an initiative undertaken by the faculty and students of SRMC to promote cleanliness, was celebrated on the 3rd of September 2017. The students were addressed on the emerging issues involving the environment and the need to prevent its degradation, and the discussion that followed provided both the students and the faculty an opportunity to analyse the initiatives already in place and the ones that are necessary to make the planet more liveable on all the participants, dressed in green to mark the occasion, took a pledge to work towards a greener campus.



### ALL ACTIVITY REPORT OF NATIONAL SERVICE SCHEME

S.NO	Name of the Programme	Venue	Beneficiaries/Participants
01	Lake Restoration Programme in association with Environmental Foundation of India on 20 <sup>th</sup> June-2017	Karasangal lake (near Vandalur	45 NSS Volunteers participated and planted 50 spellings along the entire bund of the lake
02	Lake Restoration Programme in association with Environmental Foundation of India on 20 <sup>th</sup> June-2017	Karasangal lake (near Vandalur	39 NSS Volunteers participated and planted 75 spellings along the entire bund of the lake
03	Inauguration of IVth NSS Unit of SRU on 31 <sup>st</sup> July 2017	SRMC & RI	Vice – Chancellor, Prof. of Eminence & Chief Advisor participated. Mr.Samuel Chelliaha Regional Director, NSS (GOI), Tamilnadu along was the Chief Guest 280 NSS Volunteers attended the programme.
04	Digital Financial Literacy Programme of II Unit on 31 <sup>st</sup> July 2017	SRMC & RI	58 NSS Volunteers of unit II were trained on various methods of digital payments.
05	Swatchhta Pakhwada Campus Cleaning Programme on Aug 17 <sup>th</sup> 2017	SRMC & RI	53 NSS Volunteers of unit I undertook the campus cleaning. Volunteers from Nursing college and Pharmacy college cleaned their departments.
06	Smile Chennai (Dental College Programme on 19 <sup>th</sup> Aug 2017	SRMC & RI	105 NSS Volunteers participated , unit II and III
07	In association with Rajiv Gandhi National Institute of Youth Development (Govt. of India) a Two days Trainer's Training Workshop on "Life Skills Education for Adolescents" was organized on 29 <sup>th</sup> & 30 <sup>th</sup> Aug 2017	SRMC & RI	Vice-Chancellor, Prof. of Eminence & Advisor (Academic), Prof. of Chief Advisor, Dean (Research) participated. Director of RGNIYD inaugurated the work. 26 Higher Secondary School Teachers from Chennai, Kancheepuram and Tiruvallur Districts have undergone the training 75 NSS Volunteers attended the inauguration.
08	Body Mass Index Programme on 27 <sup>th</sup> Sep 2017	G Block SRMC & RI	Prof. Hemamalini, HOD Clinical Nutrition and Ms. Purnima of College of Nursing participated. 18 NSS Volunteers attended the programme. Awareness given and BMI were done for 100 community people. Further

			awareness on Hand Washing also given
09	Body Mass Index Programme on 28 <sup>th</sup> Sep 2017	Poonamallee Bus Terminus	25 NSS Volunteers rendered their services in the programme along with Dr. Kundhala Ravi of Clinical Nutrition Dept and Dr. Ramya. Awareness given and BMI were done for 300 community people. Further, awareness on Hand Washing also given
10	Talk on Climate Change & Public Health and Ideas for Improving Institutional WASH	SRMC & RI	Prof.Manish Dhesai, and Prof.Shyama Ramani. Professor of Economics, UN University participated. 17 NSS Volunteers attended.
11	Training For Basic Life Support Techniques	SRMC & RI	75 NSS Volunteers from Unit I & II participated
12	Training For Basic Life Support Techniques for Community youth	Sathiyalok School, Porur	66 NSS Volunteers from Unit I participated ,120 School students are beneficiaries.
13	Republic Day Celebrations	SRMC & RI	10 NSS Volunteers participated and one Programme officer and one Dept. coordinator also took part in this event.
14	NSS Swachh Bharat Abhyaan with the contribution of margin money by SRMC&RI towards the construction of 55 sanitary toilets.	Annambedu Village	NSS Swachh Bharat Abhyaan programme at adopted village ,Prof.K.V. Somasundaram. Advisor (Academic) and Poonthamallee BDO Inaugurated the Construction of 55 Sanitary toilets under Swachh Bharat Abhyaan on 13th February 2018, NSS unit I and IV 120 Volunteers have contributed physical labor.

15	NSS Special Camp - Construction of 55 Sanitary Toilets and Education camping and physiotherapy camp Annambedu Adopted Village	Annambedu Village	31, NSS Volunteers can participated on 5 <sup>th</sup> Feb to 9 <sup>th</sup> Feb - 2018, Construction of 55 Sanitary toilets out of ten toilets Construction work is completed, Physiotherapy camp totally 50 community people can get physiotherapy treatment counselling, 25 Physiotherapy College students can take part of this NSS special camp at Annabedu village
16	Leadership Training Programme to NSS volunteers unit I on March 23rd ,2018	SRU	90 NSS volunteers benefited. Prof.K.V. Somasundaram. Advisor (Academic), Prof.S.P.Thyagarajan, Dean Research and GM , HR presided and distributed the certificates to NSS volunteers
17	Participated in the Workshop on “Unnat Bhararat Abhiyan.2.0” organized by HRD Govt. of India on 25th April, 2018	AICTE New Delhi	Attended as Nodal Officer for Unnat Bhararat Abhiyan.2.0 in SRMC&RI which is selected as one of the Participating Institution by HRD.

### Faculty of Nursing

S. No.	Event	Place	Date	Beneficiaries	Students Attended
1.	Lake Conservancy Programme	Karasangal lake, Vandalur lake	20.06.17	50 Students	B. Sc. Nursing (BASIC) II Year-9 members
2.	Financial literacy campaign for Unit II	Dental College Basement hall, SRU	31.07.2017	50 students	B. Sc. Nursing (BASIC) III Year-10 members
3.	Volunteers for Smile train Chennai programme organized by Dental sciences department	University play ground	19.08.2017	20,000 school students	B. Sc. Nursing (BASIC) III Year- 3 members
4.	Swachh Bharat Abhyaan Toilet construction inauguration	Annambedu Village	13.02.2018	55 families	B. Sc. Nursing (BASIC) II Year- 12 members
5.	Special camp (Swachh Bharat Abhyaan)	Annambedu village	7.03.2018 and 08.03.2018	450 people	B. Sc. Nursing (BASIC) III Year- 7 members

6.	Special camp for awareness on Exercise and physiotherapy	Annambedu village	09.03.2018	450 people	B. Sc. Nursing (BASIC) III Year- 5 members
7.	Leadership Training Programme and Certificate distribution function.	Dental College Basement hall, SRU	28.03.2018	100 students	B. Sc. Nursing (BASIC) III Year- 4 members
8.	Swachh Bharat Student Internship Programme	Dental College Basement hall, SRU	07.06.2018	120 students	B. Sc. (N) Basic I yr – 7 B. Sc. (N) II yr - 3

#### Faculty of Management

NEN EVENT DETAILS			
S.NO	DATE	EVENT	VENUE
1	14-09-2017 to 15-09-2017	NEN E-leader workshop	Seminar Hall, Faculty of Management sciences
2	10-02-2018 to 16-02-2018	NEN E-week	University campus
3	09/02/2018	Movie Screening	Seminar Hall, Faculty of Management sciences
4	09/02/2018	Hackathon	Seminar Hall, Faculty of Management sciences
5	14/02/2018	Rally, Street play, Flash mob and walkathon	University campus

5.13 Major grievances of students (if any) redressed: Nil

### Criterion – VI

#### **6. Governance, Leadership and Management**

##### 6.1 State the Vision and Mission of the institution

###### **VISION**

To offer diverse educational programs that facilitate the development of competent professionals and valuable citizens, who demonstrate excellence in their respective disciplines, while being locally responsive and globally competitive in areas of education, health care delivery and research.

###### **Mission**

Sri Ramachandra Medical College & Research Institute (DU) will actively promote and preserve the higher values and ethics in education, healthcare and research, will pursue excellence in all these areas while consciously meeting the expectations of the people it serves without prejudice and in all fairness stay socially meaningful in its propagation of the various arts and sciences to enrich humanity at large.



## 6.2 Does the Institution has a management Information System

Yes. Through various means for different purpose

- E-governance for “Attendance, Redundancy, Communication Clarity between Management and Faculties & Students”
- The process of revamping the University website as per the decision of the Communication Committee to make the website more dynamic, robust and technically up to date is in progress.
- E-learning website will be accessible through e-governance website of the college. Learning management system being used is MOODLE, which is the world’s most widely used LMS, all top ranking international Universities of the world use this learning management system
- Campus wide LAN completed
- Managed Switches Implemented
- Process of implementing Campus wide In Building Solution( IBS) & Wifi Solution in the class rooms is in progress
- Process of setting up a Network Operations Center (NOC) to monitor IT infrastructure health, security, capacity and to ensure optimal network performance and organizational productivity is in progress.
- Alert system for patients care to the concerned physician by Central lab
- HMIS at Medical Centre for Patient Care
- COE software for Examiners Attendance & Students Marks Sheets
- Library Software to maintain the Books in stock and its movements
- Accounting Software for Finance study
- Inventory Maintenance Record
- ERP tools for the Departments of Purchase, Stores, OPD, Pharmacy & Billing
- On Line Excel sheets for Dental OP census Data, Treatment Data, Maintenance
- Records on Bio Medical Waste Management
- Safety & Utility information

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

#### 6.3.1 Curriculum Development

- E-learning website introduced through SRU portal of the University.
- Common curriculum developed for paramedical basic science courses
- Skill Development is carried out by modernized Skills Lab at UG & PG level of the Medical College by surgical departments.
- The Choice Based Credit System has been implemented in all the constituent college like BMS, Pharmacy, AHS, Management and Nursing of Sri Ramachandra Medical College and Research Institute (Deemed to be University). The Choice Based Credit System is supported by Medical, Dental, Nursing and Pharmacy by offering electives courses.
- Research methodologies, Communication Skills, Stress management, Time management, Empathy, Counselling, Yoga and Physical Education are offered to all the programmes.
- Ramachandra Postgraduate Teaching Skills (RAPTS) workshop are offered for training the postgraduates on several teaching- learning methodologies
- The paramedical students are offered general elective module on Mind Body Medicine under CBCS programmes.
- Family Health Survey in rural area conducted by IV – V sem MBBS students.
- Tumour board meets are conducted twice in a week (Biweekly) with clinical faculties to discuss all cancer cases by department of Pathology.

#### 6.3.2 Teaching and Learning

- Introduction of integrated programs in Radiology and Medical Imaging as innovative curriculum
- Integrated curriculum extended to Phase II & III for MBBS and BDS.
- Conduct of OSCE for PG Students in Faculty of Nursing
- Introduced Competency based curriculum for UG students in Faculty of Nursing
- All the Nursing faculties have completed two sessions of Training of the trainers (TOT) conducted by service sector nursing personnel to enhance their capacity in educating students to work as nursing professional in NABH accredited hospital.
- Simulation methods of teaching extended to all Constituent Colleges.
- Use of ICT introduced in Teaching-Learning methodologies by all the constituent colleges of SRMC & RI.
- Panel discussion, symposium, debate, and quiz methods were used in class room teaching to strengthen students interaction.
- Conduct of pre test and post test introduced for all students at the entry level every year.
- Cadaver Based Training program in Orthopedics, ENT & Arthroscopy departments conducted.
- MOODLE method introduced as learning management system, Flip classroom (video recording and PPT), Case based learning, Problem based learning for students of constituent colleges.
- Introduction of Cadaver Bioskills lab, advanced embalming technology for surgical skills workshops and advanced funeral embalming for PG medical programmes.

- Use of additional AV aids and Cilika microscopes (first institution in the State) for postgraduate / undergraduate/ clinicopathological cases as part of slide learning session to make it receptive and interesting.
- Case based learning skills is enhanced by spot assignment to undergraduate MBBS for assessment.
- Pharmfest 2018 (AHS & BDS): Game based academic events for the Dental and Allied Health Science students to help them learn the concepts in Pharmacology in a fun filled way.
- Microsurgery technique demonstrated in covering complex and deformities and trauma.
- Simulation Based Case discussion conducted once a month in PICU for PGs
- Cholecystectomy & Appendectomy in Clinical pathway demonstrated in General Surgery department
- Rare clinical scenarios discussed in the form of video colposcopy workshop for PG's in OBG department.

### 6.3.3 Examination and Evaluation

Examination, Management Information System (E-MIS) is a versatile, purpose –built software, created over the past two years to seamlessly connect between the user departments and the information receiving system at COE office. The student performance data thus collected is processed for end semester examinations in real time for the purpose of conducting examinations;

- 1) Registration for examinations
- 2) Consolidated internal assessments of candidates at the end of the term.
- 3) Detained list
- 4) Hall tickets
- 5) Exam schedules
- 6) Program to collect practical exam marks online
- 7) Post exam evaluation
- 8) Creating final results and applying the promotion rules
- 9) Creating and printing grade cards and mark sheets

Data obtained online for all our programs is stored in our database for analysis.

With the introduction of CBCS for the 33 programs, the entire process had to be evolved for accommodating new regulations, for improving the timely input of data, and tracking the performance of students.

Such an e-Governance system has helped us to handle situations like:

- Postponement of exams (due to natural calamities and others)
- Conducting exams in two sessions to reduce time taken for the process
- To declare exam results on time and early enough for students to progress
- To monitor the progress of student in the given program

Most importantly, the system has created an information database that helps members of faculty to monitor student progress.

This year we also linked these data to enable student services, such as

- i) University Examinations fee notification
- ii) Hall ticket
- iii) Exam schedules (Theory and practical)
- iv) No dues &
- v) Mark statement through their student log-in (SRU connect, portal)

#### 6.3.4 Research and Development

- Research Methodology training for first year MBBS undergraduate students
- Formation of departmental publications committee in all constituent colleges
- A comprehensive package for patients with diabetes called “DIABETES PROFILE – I which includes Fasting plasma glucose, HbA1c, S, creatinine, Fasting lipid profile, urine microalbumin and DIABETES PROFILE – II which includes Fasting plasma glucose and HbA1c” have been started.
- Introduction of new IHC marker for better diagnostic services
- Special protocol for speech therapy following VPI correction for patients outside Chennai.
- Conduct of Workshop on Indo-US Drug Repurposing for improving Radiotherapy on 13<sup>th</sup> Nov 2017
- Genomics centre Inauguration and Symposium on Genomics in Medicine conducted by Genetics
- Seminar and workshop on "Research Capacity Building" conducted in the programme Phase III  
Dr. Caven McLouglin, Professor, Kent State University, Ohio, USA & Visiting Professor, SRMC & RI invited as a resource person on 1<sup>st</sup> to 16<sup>th</sup> March 2018.
- CME on Way Forward for Travel Medicine in India "Online teaching programme introduced on Travel Medicine" by Medical College on 29<sup>th</sup> March 2018.
- CME on DBT-BIRAC programme for start-ups conducted on 2<sup>nd</sup> January 2018.
- CME on ICMR-M D /M S / Ph D programme and Genomics in diagnosis & Research

#### 6.3.5 Library, ICT and physical infrastructure / instrumentation give list of instruments purchased in this year

##### Library

- E-repository of Ph D thesis using Shodh Ganga.

##### ICT

- Remote access to library e-resources enhanced across faculties.

##### Physical Infrastructure

- Establishment of world class sports medicine facility

##### Instrumentation

- 37 Instruments are purchased in the current year and value accounts to approximately Rs.1.28 crores.

### 6.3.6 Human Resource Management

- e-governance adopted for leave processing, circulars and salary details
- Fully functional dedicated training centre to impart communication & Soft skill development for employees
- Constitution of Safety and utility committee
- Fire drill training for students, faculty and staff across constituent colleges.
- Stress Management, Technical training, Occupational Health Hazard & other trainings
- Attribute training, Impact of empathy in patient care, Induction & Orientation, Interpersonal Relationship, Interview skills for students & Spoken English, Hindi, Bengali
- Leadership program, Health awareness program & Live fire demo conducted

### 6.3.7 Faculty and Staff recruitment

- The University follows the norms as stipulated by statutory councils.

### 6.3.8 Industry Interaction / Collaboration

S.No	Departments	Institution / Organization collaborated with	Reason for MoU [education/research/ clinical care/etc]	Period From To	Current status
1	Central Research Facility (SRMC & RI)	Med Genome Labs Pvt. Ltd	Collaborative Research and Development Programmes	05.07.2017	04.07.2020
2	Sports Medicine	Life Saving Society of India	Establishing a Skill Development Training Centre	09.08.2017	08.08.2017
3	Faculty of Pharmacy	University of Maryland School of Pharmacy	Educational Exchange Affiliation Agreement	16.08.2017	15.08.2020
4	Central Research Facility (SRMC&RI)	Pfizer Healthcare India Private Limited., (formerly Hospira Healthcare India Private Limited)	Analytical services like analytical techniques like NMR analysis, method development, validation, etc.,	16.03.2018	15.03.2021

### 6.3.9 Admission of Students

- All India Entrance Test
- Interviews and counselling
- NEET

6.4 Welfare schemes for

Teaching	Yes
Non teaching	Yes
Students	Yes

STAFF WELFARE MEASURES

(A) STATUTORY REQUISITES:-

- ❖ Provident fund
- ❖ Gratuity
- ❖ ESIC

(B) OTHER WELFARE MEASURES:-

- ❖ Group insurance
- ❖ Accident Coverage
- ❖ Earned Leave Encashment
- ❖ Staff Quarters
- ❖ Uniform
- ❖ Food at subsidized rates
- ❖ Health Insurance- Self & Dependents
- ❖ Crèche for Children of Staff

(C) FINANCIAL SUPPORT /OTHER FACILITIES :-

i. GENERAL

- ❖ Festival Advance
- ❖ Salary Advance
- ❖ Education loan
- ❖ Marriage Advance
- ❖ Welfare Fund loan
- ❖ Personal Loan – arranged through banks at preferential rate of interest
- ❖ Stitching Charges
- ❖ Washing Allowance –Rs. 200/- p.m.
- ❖ CL Encashment 50 %
- ❖ OP Treatment – Lab –Rs. 2,000/- p.a.  
- Pharmacy –Rs. 1,000/- p.a.
- ❖ Funeral Expenses- Rs. 5,500/-
- ❖ Marriage Gift – Rs. 1000/- to 2000/-
- ❖ Free Tea
- ❖ Free accommodation for Nurses
- ❖ Management is paying 50% towards charge for the food provided to Nurses who are staying inside the campus.

ii. FOR ACADEMIC ACTIVITIES:-

- ❖ Financial support for attending /presenting paper at National & International seminars & Conferences

- ❖ Financial support for publication of articles/research papers in Journals
- ❖ Encouragement for research activities, including award GATE /Young scientist award
- ❖ Support for Hosting Seminars & Conferences including CMEs and Workshops within the campus
- ❖ Providing Seed money for Research

(D) LEAVE FACILITIES:-

- ❖ Casual Leave
- ❖ Earned Leave
- ❖ Sick Leave
- ❖ Maternity Leave
- ❖ Compensatory Leave
- ❖ Special casual Leave for attending and Presenting papers at various conferences
- ❖ Examination Duty Leave for Faculties
- ❖ Study Leave /sabbatical Leave for faculty pursuing higher studies

FACILITIES FOR FACULTY AND STAFF

- ❖ Book Publication Grant
- ❖ Women's Advancement centre, Encashment of EL, Maternity Leave for 3 months
- ❖ Sponsoring of academic programmes
- ❖ Recognition and award of Gold Coins to faculty and staff who have put in 10, 20, 25 and 30 years of service in the institution.
- ❖ Transport Facility
- ❖ Canteens
- ❖ Banks inside the campus
- ❖ ATM facilities inside the campus
- ❖ Railway Reservation Counter inside the campus
- ❖ Gymnasium inside the campus
- ❖ Temple inside the campus
- ❖ Faculty and staff Recreation Club
- ❖ Sports and Recreational Cultural activities
- ❖ Yoga, Pranayama, Meditation training for healthy living
- ❖ Learning and Development centre for career advancement and Skill development.

6.5 Total corpus fund generated

Rs.6700 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 AAA Committee		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	SRIHER (DU)	-	-
Administrative	Yes	SRIHER (DU)	-	-

AAA Committee Members:

1. Dr. S. Rangaswami (Chairman)  
Former Vice-Chancellor, Sri Ramachandra University  
SL-404, Shriram Spandhana Apts., Challaghatta, Yamalur P.O., Bengaluru 560 037
2. Dr. C. Thangamuthu  
Former Vice-Chancellor, Bharathidasan University,  
Tiruchirapalli
3. Dr. G. Subramanian  
Former Director, Centre for Cyanobacteria, Bharathidasan University,  
Tiruchirapalli
4. Prof. V. Gopal  
Principal, Mother Teresa PG Research Institute of Health Sciences,  
Pondicherry

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

For UG Programmes	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
For PG Programmes	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

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

**Examination reforms at the CoE office required major change in policies governing the entire process.**

For example, method of obtaining consolidated formative assessments for a student and determining the eligibility of the student for exam process required not only, introduction of online- entry of



marks by each and every department into the software but also acceptance of the same as authorised documents. Based on this, the remaining process of generating a course-wise detained list, hall tickets etc .was possible.

Again, all the following steps helped to speed up the process, manage complex situations and with changing regulations, required reforms in the examination process/ policies.

- Introduction of **ON-Screen evaluation** for university examinations.
- Digital attendance and mark entry of practical examinations using examiner specific OTPs.
- Student Services provided individually through their log-in [Fee notifications, Hall ticket, Exam Schedules & grade card]
- Announcements through portal of each step during examinations.
- Supporting the academic section to conduct the exams by generating user friendly, dynamic and fool-proof system to generate attendance on site, collect and return scripts for evaluation and the re-evaluation process after announcing the results.

Following this, policies to develop accessibility for students, departments, academic section, other departments checking students for their dues, announcing results individually etc. were all suitably modified and approved by the BoM for implementation since 2016.

#### **National Academic Depository: [NAD]**

Digital initiatives for Higher education is an “Action plan 17 by 17” implemented by the Ministry of Human Resource Development (MHRD), GoI. As part of this initiative it was mandated that all higher education institutions join the National Academic Depository before December, 2017. The MHRD has designated UGC as the authorized body to establish and operationalise NAD. National Academic Depository provides Academic Certificates in digital format to students and stakeholders (including Academic Institutions and Verification users). **Lodging, access, retrieval and validation of academic awards in the NAD will be primarily on the strength of this depository.**

#### **NAD Milestones at SRIHER (DU) - Academic Institutions (AIs):**

<b>Type of Activity</b>	<b>Status</b>
1. Workshop on National Academic Depository (NAD) - 5 Feb. 2018 Organised by UGC at Delhi	Attended by the Registrar, Senior system administrator and Nodal officer
2. Enter into SLA with either of the two depositories	At SRMC & RI, an SLA has been signed with NDML on 28 February 2018
3. Provide training of personnel on site	Training completed on 31 May 2018.
4. Register Academic Institutions/Boards/Eligibility Assessment bodies	Completed by NDML
5. Progress-cum-Review meeting of NAD- a Report was requested by UGC on 27 <sup>th</sup> May 2018	A Report was submitted by email on 29 May 2018 to Dr. Sunita Siwach, Joint Secretary, National Academic Depository, New Delhi
6. Download and installation of the NAD application at CoE by NDML.	Completed on 31 May 2018
7. Provide certificate templates, data masters etc.	Sent the primary data as excel file, Curation of

to the depositories	data in progress; Submitted the pdfs of template files for all degrees to NDML on 8 <sup>th</sup> June 2018.
8. Provide data of academic awards for lodging the academic awards on NAD Target decided: Degree certificates will first be uploaded for the batch passed out in April 2018.	In Progress as customization of worksheets for our programs under the different faculties is being done by NDML based on our inputs.
9. Sensitization of students: to register and obtain a NAD-Id for seeding their documents	Planned for June and July 2018. Scheduling and sensitization with the help of NSDL will be done by Nodal officer through Principals/ Deans of the faculties. On website- created an awareness presentation

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

- The Deans/Principals of the colleges have the privilege to exercise autonomy in the introduction of any new relevant Courses.
- Empowerment of HOD's to adopt newer methodologies in Teaching-Learning process and also to conduct programmes for faculty development.
- The Deans/Principals are empowered to handle Rs.5,00,000/- per annum as part of development activities.

6.11 Activities and support from the Alumni Association

As individual constituents the alumni has contributed / supported to both the University and to the Society:

- By conducting Continuous Educational Programme & Guest Lectures
- By installation of Best Alumni Award, Gold medals & Book Prizes
- Providing Travel grants for SLHS students (Rs. 5000/-)
- Sponsoring International professional Affiliations
- Facilitating placements
- Donating books & equipments
- Conducting Medical Camps
- Conducting Webinar programmes ( guest lectures, career counseling, research)
- Offering help from alumni for student exchange programmes

The recent membership alumni drive was initiated when the central alumni were established in the year 2016 and as shown 946 alumni has registered for the past one and half years. The drive for Alumni is still on a continuous process .The need for networking in a social platform has lead to the introduction of Alum book.

The Alumni Association also offers the alumni id card to the registered alumni to avail certain privileges inside the campus especially the library for preparation for their examinations

Alumni attending our institutional CME, Workshops & Conferences are charged with the nominal fees.

#### 6.12 Activities and support from the Parent – Teacher Association

- Regular Parent-Teacher meetings are conducted twice a year.
- The Parents give their feedback on the conduct of the academic programme to the Internal Quality Assurance Cell and other college committees.
- Parents also give their feedback on the facilities in the hostel & other amenities and appropriate actions are taken. It has been made possible to send the feedback using SRIHER (DU) connect.
- Parent – Teacher communication also happens through Skype.

#### 6.13 Development programmes for support staff

- Impact of Empathy in Patient Care
- Meditation
- Language Enhancement Program
- Communications & Listening skills class
- Language Enhancement Program -Beginners Level
- 3rd Batch of Language Development Programme (Spoken Hindi, English & Bengali)
- Enhancing resilience through work life balance "
- World Social Work Day
- Hypertension awareness programme
- English Spoken & written Classes
- Spoken Hindi class
- Storage of Multi Dose vials
- Open Date, Valid Date & Different types of Medicines
- Medication Safety Class
- Infection Control Class
- Fall Management, Pain Score
- Nursing Documentation
- Bio-Medical Equipments Handling
- Handling Patient in Wheel Chair
- Needle stick safety
- Bio-Medical Waste disposal
- World Environment Day-Planting Sapling in our Campus
- Live Fire Demo
- Campus Environment Day- Shrimatti Kamalam Udayar's Day
- International Women's Day (Women Enhancement Program)
- Pranayama Training Program
- Soft skills training on June 2017
- Attribute Training – Organisational Skills, Personal qualities, Communication in Patient Care, Medication safety organised on every month of the year.
- Yoga-Therapeutic Yoga for Pregnant Women program Occupational Hazards Training Program on every month of the year
- Patriotic song Competition organised every year
- World Red Cross Day Awareness program observed by SRU
- World Hypertension Day Awareness program observed by SRU

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

- Installation of LED lights in new buildings.
- Planting of trees carried out on the regular basis annually in various areas of the campus
- Dedicated Environmental day every year
- Lamp lighting at all inaugural function only through LED
- Environment awareness program.
- The Deemed University known for its eco friendly, vibrant green foliage landscaping with extensive gardens and lawn spaces, maintained by using recycled water.
- More Trees are being planted for more oxygen and less Carbon for a Healthy Environment
- The campus is strictly a NO SMOKING zone.
- Awarded 3<sup>rd</sup> place among technical institutions for maintaining clean, green & hygienic campus as Swachhata a ranking by MHRD.

### 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.

- MOOCS Model of learning in Basics of entrepreneurship in association with National Entrepreneurship Network
- Research stream lineup for undergraduates during the clinical and preclinical years and the undergraduate students are prepared made to present their own research works
- Priority for 60 years was introduced in clinics
- Innovative curriculum – integrated programs in Radiology and Medical Imaging;
- Inter disciplinary thrust areas identified in all UG and PG Programmes
- Entrepreneurial skills programme through NEN
- Inculcating research – through UG summer fellowships; Research fellowships for Ph D and MD-PhD- [SRU- ICMR] unique programme
- BOT - UG Programme under Rehabilitation Skills enhancement
- Introduction of certificate and Diploma Programmes under the **Healthcare Sector Skill Council (HSSC)**, 2016
- Skill development programs offered by College of Pharmacy under LSSSDC, New Delhi

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

S.No	Plan of AQAR 2016-17	Action Taken AQAR 2017-18
1	Under Prime Minister Skill Enhancement programme, innovative job oriented programme will be started under Life Sciences Sector Skills development council and Health Care Sector Skill development council.	13 skill enhancement programme under HSSDC and one programme under LSSSDC started
2.	Under Swatch Bharat Scheme more villages will be adopted by SRIHER (DU).	Yes. Adopted in two villages (Parivakkam, Vyallanallur)
3.	Planned to make generic drug available to the community at cheaper cost.	In the OP Pharmacy and IP Patients of Sri Ramachandra Hospital & Vyallanallur Rural Health Centre, generic drugs are given to the patient free of cost and also at a cheaper cost.
4.	Examination Reforms : Digitization of evaluation process	Digitization process is functional
5.	Improving and matching infrastructure to achieve global standards and achieve the distinction of ranking SRIHER (DU) a 'Model' Health Science University.	A state of art oncology department with world standard equipments installed and commenced
6.	E-MOODLE expansion for Clinical subjects and NPTEL project for developing content for 'E-learning'.	E-MOODLE and NPTEL projects has been initiated and E content has been developed for E learning
7.	To obtain AYUSH-Centre for Excellence in Pharmacovigilance.	The process has been initiated and submitted application to AYUSH and waiting for inspection.

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

1. Integration of E-Learning and ICT via MOODLE Based Learning Management System to promote blended learning at Sri Ramachandra Medical College and Research Institute.
2. Organised IQAC with the required infrastructure leading to internalising Quality measures of the University.

***\*Provide the details in annexure ( i, ii )***

#### 7.4 Contribution to environmental awareness / protection

**The Deemed to be University has been ranked 3<sup>rd</sup> among All India Technical Institutions by Swachhata 2017 ranking for clean, hygienic and green campus, by MHRD.**

1. The campus environment is maintained with various initiatives of Energy conservations, use of renewable energy, rain water harvesting throughout the campus constructions and water recycling plant within the campus. More importantly we have a campus that is compliant to energy efficiency and safety regulations. The campus also address to providing a calm and serene environment by the effort taken to plant trees and also tree transplantations on the green belts within the university as per the Central pollution and Centres Board.
2. With introduction of E governance (SRU - connect) the usage of paper within the Deemed to be University has been reduced.
3. We have functional Radiation, laboratory and hazardous material safety committee and biomedical waste management committee certified by the Government of Tamil Nadu. The medical centre maintains a great deal of regard for the hospital and patient safety.
4. The Deemed to be University has an established bio safety committee for genetic recombinant research. The university Biomedical Engineering department helps implement the e-waste management policy and its implementation.
5. Rallies were conducted to highlight the environment consciousness both to the public and the individuals in campus.
6. Eco walk rally was conducted in campus to highlight the importance and consciousness of creating better environment.
7. Environment awareness and campus environment day was celebrated on every year to raise awareness among public and individuals in campus to take positive environmental action to protect nature and the planet earth.
8. Campus - Green audit was conducted
9. Construction of Artificial Lake (Width: 65 mtrs, Length: 650 mtrs) within the University campus. It also serves as a reservoir for rain water harvesting and helped preventing water logging inside the campus during the floods.
10. Continuous and frequent fire drills conducted within the university campus to ensure prompt fire control and environment safety.
11. Bridges – SRU news letter as a go - green initiative given access in the SRU portal for online submission and view.
12. A go-green initiative organized by Environmental management cell of the university was conducted on 03.06.2017 where eco friendly saplings are planted within the campus.

7.5 Whether environmental audit was conducted?

Yes

☒

No

☐

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

### **Strength**

The University has been included under Category I status based on CGPA of NAAC Cycle – 2 Accreditation by UGC, MHRD.

National Institutional Ranking Framework (NIRF) was released by Govt. of India in 3<sup>rd</sup> April 2018. Sri Ramachandra Medical College & Research Institute ranked 10, out of 101 Medical Colleges, SRIHER (DU) ranked 40 out of 957 Universities & Pharmacy College ranked 21 out of 286 Pharmacy Colleges in India.

Ranked 3<sup>rd</sup> among All India Technical Institutions by Swachhata 2017 ranking for clean, hygienic and green campus, by MHRD, Govt. of India

The India Today Survey has ranked the Medical College at 15<sup>th</sup> Place among Medical Colleges and 12<sup>th</sup> among all Dental Colleges in India.

The hospital has been reaccredited by NABH and JCI and laboratories by Lab-NABL and Blood Bank - AABB.

The Medical Education Unit continues to carry out regular Faculty development programmes for the benefit of faculty from 52 Medical Colleges from Tamil Nadu, Puducherry, Chhattisgarh, Odisha, Sikkim, Tripura. It is a MCI recognised nodal centre for Faculty Development and has trained second largest number of faculty (2747) in the country. The Education units of other Faculties (Pharmacy, Dental, Nursing, AHS) are increasing the scope of training to enhance faculty training initiatives.

A new innovative method of involving UG students in research and presentations conducted as EQUINOX (National level under graduate Medical conference conducted by UG students) has been started, where UG's from other Medical Colleges also take part. This has generated tremendous interest among students in the area of Research & Innovation. About 700 delegates participated.

The Internal Quality Assurance Cell of SRU has facilitated effectively in the development of e-governance portal (SRU Connect) which is being increasingly accessed by all faculty, administrators, staff, students and parents. This has enabled the university to function in a transparent manner and has cut down on paper correspondence.

SRIHER (DU) has been accredited by the Health Care Sectors Skill Council and Life Sciences Sector Skill Development Council to conduct various skills development programme under Govt. of India.

Expansion of dedicated facility for treatment of cancer with state of the art infrastructure for Oncology and related sciences.

Central Research Facility of SRIHER (DU) has evolved as R & D Centre, Research Promotion Centre and Quality Assurance Centre which is now emulated by other medical institutions in the country.

Alumni Cell has been strengthened with formal online registrations and to facilitate greater engagement among alumni through web, “Alum Book” a social network has been started.

Sri Ramachandra Arthroscopy and Sports Sciences Centre (SRASSC) have been renamed as “Centre for Sport Science” (CSS) by increasing the training capacity and have achieved National and International recognition. It has attracted global talents as visiting faculty / trainer and is involved in training premier athletes. CSS has been approved by BCCI and ICC as the training centre for their players.

#### **Weakness**

1. Research publication in high impact factor indexed journals can be improved.
2. The number of sponsored research projects has to be further enhanced as at least 1:1 ratio of every faculty member to be obtained.
3. Technology transfer and Commercialization of the patents needs further improvement.

#### **Opportunities**

1. Interdisciplinary collaboration global collaboration
2. Strengthen industry side collaborations
3. Potential for expression
4. Enable more doctoral level training

#### **Challenges**

1. Competing with funding levels of government colleges
2. Challenges in the job market competitive threats – other well established national and foreign universities
3. Regulatory barriers in starting new courses & student intake in programmes that can governed by statutory councils.

### **8. Plans of institution for next year**

1. To apply and conduct of NAAC Cycle-3 Accreditation.
2. To introduce new courses at UG & PG level in emerging areas of technology.
3. Modernization of more class rooms to e-classrooms using ICT tools
4. To make researgence portal functional.
5. Conduct of workshops on the theme “Blended Learning” to all faculties of the Constituent Colleges.



6. To embrace technology and digital initiatives, further to the development of skills and research and enable our students to have access to lifelong learning, we shall aim to become a leader in technology enabled teaching – learning and research institution.
7. To develop focused Centres of Excellence on areas with potentially large societal impact in alignment with India's development goals.
8. To design and develop a multi dimensional Research Innovation Ecosystem to nurture academia – industry collaboration.
9. Establishment of Research & Development Centre for Regenerative Medicine and stem cell based artificial organ transplants.
10. To establish 'SRI RAMACHANDRA INNOVATION INCUBATION CENTRE (SRIIC) as an ideal Research and Development Innovation Ecosystem of the university which enable to nurture start up culture among young entrepreneurs.

Name: Dr. A. Ravi

Signature of the Coordinator, IQAC

**Senior Coordinator**  
**Internal Quality Assurance Cell**  
**Sri Ramachandra Medical College**  
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Name : Dr. P.V. Vijayaraghavan

Signature of the Chairperson, IQAC

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