



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	SRI RAMACHANDRA INSTITUTE OF HIGHER EDUCATION AND RESEARCH (Deemed to be University u/s 3 of the UGC Act 1956)
Name of the head of the Institution	P.V. Vijayaraghavan
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	044-24768431
Mobile no.	9444474076
Registered Email	vc@sriramachandra.edu.in
Alternate Email	iqac@sriramachandra.edu.in
Address	No. 1. Ramachandra Nagar, Sri Ramachandra Institute of Higher Education and Research, Deemed to be University, Porur, Chennai 600 116
City/Town	Chennai
State/UT	Tamil Nadu

Pincode	600116																		
2. Institutional Status																			
University	Deemed																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Dr. A. Ravi																		
Phone no/Alternate Phone no.	04424768431																		
Mobile no.	9841426477																		
Registered Email	iqac@sriramachandra.edu.in																		
Alternate Email	vc@sriramachandra.edu.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://www.sriramachandra.edu.in/university/pdf/aqar/iqac-aqar2017-18.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://digicampus.sriramachandra.edu.in/uploads/mainmenufiles/STUDENT%20MANUAL%202019-20%20-%20Final%20revised%2014.11.19.pdf?pos=3																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>A</td> <td>3.62</td> <td>2014</td> <td>24-Sep-2014</td> <td>23-Mar-2020</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	2	A	3.62	2014	24-Sep-2014	23-Mar-2020
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
2	A	3.62	2014	24-Sep-2014	23-Mar-2020														
6. Date of Establishment of IQAC	09-Sep-2009																		
7. Internal Quality Assurance System																			

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Sensitization on New NAAC Health Science Manual	18-Sep-2018 1	350
Student Awareness Program	27-Aug-2018 5	6322
Participation in India Today Survey	31-Jan-2019 20	7
NAAC Criterion wise working Group up formation	02-Aug-2018 1	60
Pilot Study Participation in NAAC Manual of Health Sciences for Universities	03-Dec-2018 33	100

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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Department of Sports Sciences & Sports Medicine	Accredited Khelo India Multisports Academy	Ministry of Youth Affairs & Sports, Govt of India,	2018 1	11
Department of Environmental Health Engineering, Faculty of Public Health	ICMR Centre for Advanced Research in Air quality, Climate Change & Public Health	Indian Council of Medical Research, Govt. of India	2019 5	43.85
Central Research Facility (Faculty of Clinical Research)	Pfizer preferred Research Centre	Pfizer India Ltd., Mumbai	2019 1	5.31
Medial Education Unit, Sri Ramachandra Medical College & Research Institute	MCI - Nodal Centre for Medical Education Technologies	Medical Council of India (MCI), Govt. of India	2010 10	7.35
Department of Sports Sciences & Sports Medicine	BCCI accredited center and Rehabilitation Academy	Board of Control for Cricket in India (BCCI)	2014 5	91

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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes
If yes, mention the amount	15000
Year	2019
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
Feedback form from all Stack Holders are revised and made online through SRIHER portal.	
Preparation and Submission of reports to NIRF for Medical, Pharmacy, Dental and University	
Formation of College Quality Cell of 12 Constituent Units	
Initiated introduction of research portal called Researgence to update faculty research profiles.	
Participation in the field trial of new Health Science manual of NAAC, Bengaluru in 2018	
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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year	
Plan of Action	Achivements/Outcomes
Preparation of AQAR 201617 for submission to NAAC.	Submitted AQAR on 04.07.2018 to NAAC, Bangalore
Revision of Format for feedback forms	Revised Feedback format for students,

for all stake holders	professionals, Employers, Faculty and Parents.
To sensitize faculty for submission of projects to SPARC-MHRD, BIRAC & AYUSH.	Sensitized all faculty to submit projects to SPARC-MHRD ,BIRAC and AYUSH
Initiation of process to start innovative job oriented programs under Prime Minister Skill enhancement program viz. LSSSDC & HSSSDC.	14 skill development programs have been started.
Retrieval of data from departments and administrative sections.	Modified the e-format for retrieval of departmental information as per new Health Sciences Manual of NAAC.
Assist Placement cell to organise career orientation program for students of paramedical courses	Facilitated conduct of career orientation program to paramedical courses
Website updation format	Revised website updation format and circulated to all departments for the preparation of SSR NAAC cycle 3 accreditation process.
Sensitization of Quality Cell members, HODs of all departments and all staff members in different stages regarding new format of NAAC accreditation process.	Awareness programs on new Health Sciences Manual were conducted on 02.08.2018, 18.09.2018, 10.10.2018 and 27.08.2018
Collection of data for NIRF report.	Preparation and submission of NIRF 2019 for overall(University), Medical, Pharmacy and Dental
Analyze status of progress as outlined in SRU Vision 2025 document.	As per the SRU VISION 2025 document, the University initiated in starting Faculty of Engineering and Technology in emerging areas.
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td>Board of Management</td> <td>13-Apr-2019</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	Board of Management	13-Apr-2019
Name of Statutory Body	Meeting Date				
Board of Management	13-Apr-2019				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2019				
Date of Submission	11-Feb-2019				

<p>17. Does the Institution have Management Information System ?</p>	<p>Yes</p>
<p>If yes, give a brief description and a list of modules currently operational (maximum 500 words)</p>	<p>The Management Integrated System at SRIHER is termed as Digicampus and is a new generation portal that is responsive to the need to users and internal process. This platform is created to ease the process of Faculty, staff, students and parents while it also allows individual access to the portal. The portal has been created with detailed modules while customizations and advancements have been addressed as and when required. Keys features that have been captured in the Faculty/ Staff portal include:</p> <ul style="list-style-type: none"> • Faculty profile updation captures details such as academic qualification, teaching information, award and honours, professional membership, etc. • Leave request and approvals are available where the faculty or staff can register their leave request, which is further approved by the HOD in line with the internal process • Salary slips are made available upon completion of each payroll • Submission of pre and post - conference forms and HR certificates are made available for validation and support from the University office. • Attendance log is registered on the portal in line with the data captured by the biometric machine. • Publication Oversight Committee updates are featured some of the features available to the students and parents are: • Attendance log of students as captured by biometrics and available on the portal for validation • Timetables viewing are enabled in line with the department update. • Hall tickets are available for downloading on the portal whiling easing out the physical presence of the students. • Mark sheets are available upon the announcement of results • Updates on internal assessment are notified on the portal. • Fees tabulations and outstanding are informed though the portal that grabs the attention of parents for intervention if necessary. • Requests for grievance resolution, bonafide, course completion, NOC, internship certificate, etc. The portal also enables certain features that empower the department HOD to carry out

validations such as:

- A common department login that captures the highlights of all the staff in the department
- Time table and stipend details can be uploaded
- Attendance and leave details of every teaching and nonteaching staff are captured on the portal and are a replication of the date from the biometrics.
- Individual duty roasters are available for validation and attendance tabulation by the HOD and HR department. In addition to the above features, the platform addresses general aspects such as:
- Circulars at the institution level can be shared on the portal to connect to a mass audience.
- SMS notifications are enabled to reach out personally to every member of the institution where the system also allows us to choose the pool of recipients.
- Upcoming event highlights and news can be displayed and notified through the portal for easy access and information.
- The portal also captures account module that aids the finance department
- Admission process run by the student's section is available on the portal
- IQAC module captures individual feedback and departmental evaluation forms. This system has ensured efficiency amidst

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
DSc	U01	Science	14/08/2018
PhD or DPhil	U02	Life Sciences	14/08/2018
DM	M51	Cardiology	22/12/2018
DM	M53	Nephrology	22/12/2018
DM	M54	Medical Gastroenterology	22/12/2018
DM	M55	Critical Care Medicine	22/12/2018
DM	M57	Neuro-Radiology	22/12/2018
DM	M56	Neonatology	22/12/2018
MCh	M66	Neurosurgery	22/12/2018
MCh	M64	Urology	12/12/2018

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
DM	Medical Oncology	22/12/2018	M58	22/12/2018
BSc	Bioinformatics	18/04/2018	B04	18/04/2018
BSc	Health Informatics	18/04/2018	B03	18/04/2018
BSc	Data Science	18/04/2018	B02	18/04/2018
MSc	Biomedical Sciences	09/04/2019	B14	09/04/2019
MSc	Urology Technology	09/04/2019	A31	09/04/2019
DM	Cardiac Anaesthesia	22/12/2018	M60	22/12/2018
MCh	Surgical Oncology	22/12/2018	M75	22/12/2018
MSc	Biokinetics	09/04/2019	S22	09/04/2019
BSc	Applied Psychology	19/03/2019	A12	19/03/2019

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
DM	Medical Oncology	10/08/2018
MSc	Urology Technology	01/12/2018
MSc	Audiology	01/12/2018
MSc	Speech Language Pathology	01/12/2018
MOptom	Master of optometry	01/08/2018
MSc	Biomedical Sciences	01/08/2018
BSc	Bioinformatics	13/07/2018
BSc	Health informatics	13/07/2018
BSc	Data Sciences	13/07/2018
BSc	Environmental Health Sciences (Hons)	13/07/2018

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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MSc	UROLOGY TECHNOLOGY	09/04/2019

MSc	BIOMEDICAL SCIENCE	09/04/2019
BSc	ENVIRONMENTAL HEALTH SCIENCES	18/04/2018
BSc	DATA SCIENCES	18/04/2018
BSc	HEALTH INFORMATICS	18/04/2018
BSc	BIOINFORMATICS	18/04/2018
MOptom	Master of Optometry	26/03/2018
BSc	Clinical Research	18/04/2018
MSc	Clinical Research	09/04/2019
MSc	Medical Psychology	09/04/2019
MSc	Biomechanics in Sport and Human Movement	09/04/2019
MSc	Biokinetics	09/04/2019
MSc	Clinical Psychology	09/04/2019

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Personal and Professional Enhancement Program (Clinical Program)	18/06/2018	492
HOPE - Undergraduate Paediatric Exam Review	22/09/2018	272
FINISH LINE	17/03/2018	5
Ramachandra Annual Postgraduate Teaching Skills	07/07/2018	37
Sri Ramachandra Annual Rapid Review Course (SPARRC)	11/01/2018	10
Annual Rapid Review course -SURGERY	27/01/2018	16
Sri Ramachandra Continuing Orthopaedic Revision Education (SCORE)	22/01/2018	18
Basic Epidemiology, Statistics, SPSS and Critical Appraisal	28/08/2018	72
ASCENT	06/02/2018	6
Personal and Professional Enhancement Program (Preclinical program)	18/06/2018	99
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field
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		Projects / Internships
MBBS	Medical	250
BDS	Dental	98
BPharm	Pharmacy	56
Pharm D	College of Pharmacy	92
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>Institute has well defined policy and the feedback system has been institutionalized. The IQAC with the participation of the Faculty Education Units and College Quality Cells (CQCs) have been collecting online feedback from Students, Teachers, Employers, Alumni, and Professionals. Collected feedbacks are analysed and discussed in faculty level and presented at IQAC. The recommended actions are implemented. The action taken report is presented at the General body of IQAC and Board of management. The action taken report is made available at the institute. The action taken report for the academic year 2018- 2019 is provided below. Students Feedback Recommendations 1. Follow up of the task assigned to students by mentors to be streamlined. 2. Outdoor learning like internship student exchange, field visit and projects of students to be enhanced Action Taken Report 1. A structured mentoring program is functional. Mentor log book has been created so that the task assigned to the mentors is effectively monitored and sent faculty wise for the data collection. 2. More MOUs between the university (National and International) and industry are developed to enhance the outdoor learning in the form of field visit, internship and projects and student exchange programs. 32 MOUs with industries and 20 MOUs with institutions have been signed so far for internship, student exchange, field visit and projects. Faculty Feedback Recommendations 1. To improve student attendance from 80 to 100 2. To motivate students to prepare well before the classes taken Action Taken Report 1. ICT enabled teaching leaning methodology such as blended learning, training was given to the teachers. So far 647 faculties were trained 2. Time table is hosted on the website. The faculty uploads their posted ICT presentation of their classes well in advance in the Institutional LMS on a MOODLE platform. Alumni Feedback Recommendations 1. To involve more number of Alumni in the University activity. Action Taken Report 1. Face to face meetings were conducted for alumni of all the constituent colleges. About 10 meetings were conducted so far during the past academic year. 2. Included alumni in various positions. Eg. Dr. Sharmila, alumnus of Medical College, appointed as consultant International Relations Employer Feedback Recommendations 1. To enhance skills of students so as to work independently. Action Taken Report 1. 63 Skill development program, 32 Analytical Skills programs, 44 professional and personal development programs were conducted to students across the constituent Colleges. In addition skill sets have been developed by the Medical, Dental and Health Science colleges to</p>

enable the students to gain competency skills. As a follow up procedure feedback from the employers on the skills of students were obtained which revealed a better performance of the students. Professional from Examiners Feedback Recommendations 1. To enhance understanding capacity of students who needs improvement Action Taken Report 1. Slow learners were identified and special coaching classes, small group discussions and assignments were organized by the faculty.Improvement exams were conducted which have reflected in the pass percentage in the end semester University examinations.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BPharm	Pharmacy	100	3424	100
MBA	Hospital and Health Management System	30	70	30
MPhil	Clinical Psychology	8	121	8
MSc	Medical Surgical Nursing	6	8	5
MPT	Women's Health	4	335	4
MSc	Biomedical Sciences	10	335	5
BSc	(Hons) Sports & Exercise Sciences	30	3424	23
BOT	Bachelor in Occupational Therapy	30	3424	32
BSc	Bioinformatics	30	3424	14
BSc	(Hons) Environmental Health Sciences	30	3424	2

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	4835	1487	715	715	715

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-

learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
715	160	8	256	23	6

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

Mentoring system is available in the Institution with objectives of identifying the student capacities and limitations. The objectives of mentoring include facilitate the mentees in setting their objectives, support academic activities and review their performance on an on-going basis, career guidance and support, assist in the development and implementation of career plans. The responsibilities of mentor include promoting intellectual excitement, scholarly integrity, professional values, technical skills, networking with in the professional committee and promoting the strength of the mentee. The first year students are allotted the mentors with whom they have an interaction and this is integrated into their timetable, the students can also meet their mentors as and when needed. This mentoring system is continued on longitudinal basis. The initial phase of mentoring includes games, motivating videos and interaction to promote interpersonal relationship. This enables understanding student expectation, their interest and hobbies. One to one sessions promote mentor mentee interaction. The barriers in learning are identified and methods of promoting their performance and implementing challenging learning situations are facilitated. The slow and average performers are identified and opportunities are provided to leverage their performance to promote optimum learning. The advanced learners are identified and encouraged by providing opportunities as attending conference, project method of learning problem based learning, summer research fellowship, merit scholarships to promote enthusiasm and interest. The students are assured of confidentiality during the entire process and their problems are addressed on collaborative basis. The Support or remedial measures include interacting with class coordinator in terms of concerns expressed in curriculum implementation, conduct of improvement exams, health check-up prior to clinical posting, preclinical guidance and immunization, tutoring in selected subjects, promoting self-directed learning and periodical reinforcement. The mentor mentee relationships including the boundaries are respected during the interaction. The mentor log book for the student is maintained by the mentor and their performance is evaluated biannually. The significant concerns are also prioritised during parents teacher meeting and means are arrived at to enhance student outcomes. The students attendance in lecture classes, regularity in practical / clinical rotation, participation in problem based learning, performance in internal assessment including clinical skills and extracurricular achievements are acknowledged during each session. Problems are identified and guidance / counselling are arranged as per the need. The Head of the Department is involved in planning and implementing the mentoring sessions. Mentoring relationship are multidimensional and within or between professional ranks with ultimate aim of professional development of the mentee.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
6322	715	1:8.84

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
715	715	0	70	480

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies

2018	Dr. Binu Ninan	Professor	Fellowship Diploma - Royal College of Physicians of Edinburgh, UK
2018	Dr J Dhivyalakshmi	Assistant Professor	Allan Drash Clinical Fellowship for ISPAD , USA
2018	Dr. Rajasenthil	Associate Professor	Fellow of the International College of Surgeons in General Surgery
2019	Dr. S. Anandan	Professor	Best Educationist Award of International Institute of Education Management
2019	Dr. P. Sampath Kumar	Professor	Life Time Achievement Award
2018	Dr.Sandhya Sundaram	Professor	Fellow of Indian College of Pathologists (FICP)
2018	Dr. Vinay Raj Thattarakkal	Assistant Professor	Member of the Royal College of Surgeons, (ENT)MRCS, Edinburgh
2018	Dr.R.Sridhar Gopal	Assistant Professor	Fellowship of Arthroplasty of Hip, Knee and Shoulder
2018	Dr Lakshmi Balaji	Professor	Fellowship of Royal College of Physicians and Surgeons of Glasgow, UK
2019	Prof. Ravindran Chinnaswamy	Professor	Best Dental Professor Award, International Award of Excellence (IAE) and British Dental Award, House of Commons UK
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MSc	304	(I II Sem)	12/06/2019	04/07/2019

MBA	G02	I to II, IV SEM	19/06/2019	04/07/2019
BDS	D01	Final Year	28/06/2019	04/07/2019
MSc	304	(I II Year)	25/06/2019	04/07/2019
MSc	A27	I to III SEM	22/06/2019	04/07/2019
MSc	A11	IV to VI ,VIII SEM	21/06/2019	04/07/2019
MPH	H01	II to IV SEM	21/06/2019	01/07/2019
MPT	T02	I to IV SEM	18/06/2019	01/07/2019
MPT	T04	II ,IV SEM	14/06/2019	01/07/2019
MSc	A30	IV SEM	08/06/2019	01/07/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
134	5588	2.39

2.6 – Student Performance and Learning Outcomes

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

<https://digicampus.sriramachandra.edu.in/webroot/uploads/weblinksfiles/1.1.1201912131247111.1.1.Any additional information.pdf?pos=5>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
291	MPharm	PHARMACEUTICS	5	5	100
290	MPharm	PHARMACY PRACTICE	2	2	100
509	MSc	CLINICAL EMBRYOLOGY	2	2	100
501	MSc	MEDICAL MICROBIOLOGY AND APPLIED MOLECULAR BIOLOGY	3	3	100
309	MSc	MEDICAL BIOCHEMISTRY	3	3	100
307	MSc	Medical Anatomy	3	1	33.33
308	MSc	Medical Physiology	3	3	100
295	MPharm	MASTER IN AUDIOLOGY	16	16	100

2.7 – Student Satisfaction Survey

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

<https://digicampus.sriramachandra.edu.in/Studentfeedbacksurveys/addnew>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	VIDYA KRISHNA DR	THE 36TH ANNUAL MEETING OF THE EUROPEAN SOCIETY FOR PAEDIATRIC ...DISEASES , SWEDEN	23/07/2018	HEI- SRIHER (DU)
National	ANANDAN S	THE 9TH STATE CONFERENCE OF TAMILNADU BRANCH OF IADVL CONFERENCE ATTENDED IN KODAIKANAL	06/08/2018	HEI- SRIHER (DU)
National	PRATHIBHA P	THE 15TH MEEETING OF INTL. SOCIETY FOR MAXILLOFACIAL R EHABILITATION.. .. CANER SOCIETY IN AUSTRALIA	23/08/2018	HEI- SRIHER (DU)
National	ARATHI G DR	IADR, LONDON	17/08/2018	HEI- SRIHER (DU)
National	ANANDAN S DR	THE 37TH ANNUAL CONF. OF INTL MED.SCIENCES AC ADEMY-IMSACON18 HELD AT UK	28/08/2018	HEI- SRIHER (DU)
International	Dr.G.Thangavel	Technical annual meeting of colloborative research project - HAPIN : Multi-country	04/09/2018	National Institutes of Health , USA- HAPIN : Multi-country LPG Intervention Trial

		LPG Intervention Trial		
International	Dr.Kalpana Balakrishnan	Technical annual meeting of collaborative research project - HAPIN : Multi-country LPG Intervention Trial	04/09/2018	National Institutes of Health , USA-HAPIN : Multi-country LPG Intervention Trial
International	Dr.Krishnendu Mikhopadhyay	Technical annual meeting of collaborative research project - HAPIN : Multi-country LPG Intervention Trial	04/09/2018	National Institutes of Health , USA-HAPIN : Multi-country LPG Intervention Trial
International	Dr.Naveen Puttaswamy	Technical annual meeting of collaborative research project - HAPIN : Multi-country LPG Intervention Trial	04/09/2018	National Institutes of Health , USA-HAPIN : Multi-country LPG Intervention Trial
National	USHA RANI G	THE WORLDS FIRST LIVE SURGICAL WORKSHOP ON UTERINE TRANSPLANT, PUNE	23/07/2018	HEI- SRIHER (DU)
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
Angu Bala Ganesh K S V	1095	HEI - SRIHER (DU)
Nidhya G	1095	Department of Biotechnology (DBT), Govt. of India
Dr. Jiby Jolly Benjamin	1825	Indian Council of Medical Research (ICMR), Govt. of India
Dr. Almas Fathima	1825	Indian Council of Medical Research (ICMR), Govt. of

		India
Reuben Kuruvilla Thomas	1095	HEI - SRIHER (DU)
Kumaresh S	1095	HEI - SRIHER (DU)
Mahalakshmi S	1095	HEI - SRIHER (DU)
Jasmine Chandra A	1095	HEI - SRIHER (DU)
Nithya S R	1095	HEI - SRIHER (DU)
Divya Ramani	1095	HEI - SRIHER (DU)
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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Industry sponsored Projects	1095	SERB	595000	198333
Industry sponsored Projects	1095	SERB	316000	105333
Industry sponsored Projects	1095	DST	1080000	360000
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3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Seminar on MENDELEY Reference Management Software	Medical Education Unit	06/10/2018
Indo US Workshop for Institutional Ethics Committee	CRF Department of Community Medicine	10/12/2018
Annual conference of the Indian Association of Sports Medicine	Sports Sciences	05/02/2019
Continuing Medical Education on Collaborative approach to understanding children with special needs as part of ESPERENZA'18, World optometry Day Celebrations	Optometry, AHS	20/03/2018
Continuing Medical Education on Perception Visuelle Featured speaker: Dr Susana Marcos, Professor of	Optometry, AHS	16/12/2018

Research at IO CSIC, Director of the Visual Optics Biophotonic Lab, Madrid, Spain		
International conference on update in diagnostic pathology: morphology, IHC and ancillary techniques	Pathology	02/08/2018
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Clinico- Pathological importance of rapid masson trihcrome stain on frozen tissues	Ms. Manjusha Mullapall.P	Association of Indian Universities - Vignans foundation for Science, Technology Research (DU)	22/02/2019	Student
Disposable cardboard low cost incubator for thermoregul ation of stable preterm infants- a non- inferiority trial	Dr.Ashok.C	APA Global Health Research	28/01/2019	Teacher
Institution Innovation Council (IIC)	Sri Ramachandra Institute of Higher Education and Research	MHRD/AICTE	21/11/2018	Institute
Platinum category of Confederation of Indian Industry Survey CII	Faculty of Pharmacy	SDC cell, AICTE- CII, New Delhi	01/12/2018	Institute
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
SRIHER	Dr. Ankita Saikia	Industry	M/s. Ignobilis Terrain LLP	Industry	20/04/2019
SRIHER	Swetha Jonnalagadda	Industry	Healthminds Consulting Pvt. Ltd.	Industry	28/05/2019
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Pharmacy	6
Physiotherapy	1
PLASTIC SURGERY	2
RADIOLOGY	2
Reproductive Medicine	3
Speech Language and Hearing Sciences	1
SURGICAL GASTROENTEROLOGY	2
UROLOGY	3
VASCULAR SURGERY	1
Allied Health Sciences	8
Biochemistry	1
Biomedical Science and Technology	9
Cardiology	3
CARDIO-THORACIC SURGERY	1
CRITICAL CARE MEDICINE	3
Dentistry	3
Faculty of Management	30
GASTROENTEROLOGY	3
Human Genetics	3
M.D. ANAESTHESIOLOGY	11
M.D. BIOCHEMISTRY	2
M.D. COMMUNITY MEDICINE	3
M.D. DERMATOLOGY	6
M.D. PATHOLOGY	8
M.D. PEDIATRICS	10
M.D. PHARMACOLOGY	3
M.D. PHYSIOLOGY	1
M.D. PSYCHIATRY	2
M.D. RADIO DIAGNOSIS	10
M.D. TB PULMONARY MEDICINE	3
M.S. GENERAL SURGERY	15
MASTER OF SURGERY - OBSTETRICS GYNAECOLOGY	14
MASTER OF SURGERY - OPHTHALMOLOGY	3
MASTER OF SURGERY - ORTHOPAEDICS	16
MASTER OF SURGERY - OTORHINOLARYNGOLOGY	4
MDS- CONSERVATIVE DENTISTRY AND ENDODONTICS	5

MDS- ORAL AND MAXILLOFACIAL SURGERY	4
MDS- ORTHODONTICS DENTOFACIAL ORTHOPAEDICS	4
MDS- PAEDODONTICS PREVENTIVE DENTISTRY	2
MDS- PERIODONTOLOGY	3
MDS- PROSTHODONTICS AND CROWN BRIDGE	4
Medicine	3
NEPHROLOGY	2
NEUROLOGY	3
NEUROSURGERY	1
Nursing	1
PEDIATRIC - NEONATOLOGY	2
PEDIATRIC - SURGERY	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Faculty of Allied Health Sciences	8	0.9
International	Faculty of Allied Health Sciences	25	2.92
National	Faculty of Biomedical Sciences	6	0.71
International	Faculty of Biomedical Sciences	33	2.59
International	Faculty of Clinical Research	2	3
National	Faculty of Dental Sciences	25	0.22
International	Faculty of Dental Sciences	20	2.36
National	Faculty of Management	11	0
International	Faculty of Management	7	0
National	Faculty of Medicine	103	1.52
View File			

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

Department	Number of Publication
Faculty Allied Health Sciences	2
Faculty Biomedical Sciences	6
Medical College Research Institute	216
View File	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
FLUORO DOT DENGUE DETECTION DEVICE AND METHOD THEREOF	Published	201641021136	29/06/2018
MAGNETO NANOTECHNOLOGY DENGUE DETECTION DEVICE AND METHOD THEREOF	Published	201641021137	29/06/2018
DEVELOPMENT OF A VISUAL DETECTION METHOD TO DETECT BEGOMOVIRUS USING GOLD NANOPARTICLES	Published	201941007582	30/05/2019
A RAPID COST EFFECTIVE AND NOVEL TECHNIQUE FOR EVALUATING PELVIC URETERIC JUNCTION OBSTRUCTION	Published	201941009910	03/05/2019
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
GLOBAL, REGIONAL, AND NATIONAL COMPARATIVE RISK ASSESSMENT OF 84 BEHAVIOURAL, ENVIRONMENTAL AND OCCUPATIONAL, AND METABOLIC RISKS OR CLUSTERS OF RISKS FOR 195 COUNTRIES AND TERRITORIES, 1990-2017: A SYSTEMATIC ANALYSIS FOR THE	STANAWAY, JEFFREY D. AFSHIN, ASHKAN GAKIDOU, EMMANUELA LIM, STEPHEN S. ABATE, DEGU ABATE, KALKIDAN HASSELL ABBAFATI, CRISTIANA ABBASI, NOOSHIN AB BASTABAR, HEDAYAT ABD-ALLAH, FOAD ABDELA, JEMAL ABDELALIM, AHMED ABDOLLAHPOUR,	LANCET	2018	204	GENERAL	149

GLOBAL BURDEN OF DISEAS	IBRAHIM ABDUL					
<p>GLOBAL, REGIONAL, AND NATIONAL DISABILITY-ADJUSTED LIFE-YEARS (DALYS) FOR 359 DISEASES AND INJURIES AND HEALTHY LIFE EXPECTANCY (HALE) FOR 195 COUNTRIES AND TERRITORIES, 1990-2017: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2017</p>	<p>KYU, HMWE HMWE ABATE, DEGU ABATE, KALKIDAN HASSEN ABAY, SOLOMON M. ABBAFATI, CRISTIANA ABBASI, NOOSHIN AB BASTABAR, HEDAYAT ABD-ALLAH, FOAD ABDELA, JEMAL ABDELALIM, AHMED ABDO LLAHPOUR, IBRAHIM AB DULKADER, RIZWAN SUL IANKATCHI ABEBE, MOLLA</p>	<p>LANCET</p>	<p>2018</p>	<p>130</p>	<p>GENERAL</p>	<p>93</p>
<p>GLOBAL, REGIONAL, AND NATIONAL AGE-SEX-SPECIFIC MORTALITY AND LIFE EXPECTANCY, 1950-2017: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2017</p>	<p>DICKER, DANIEL NGUYEN, GRANT ABATE, DEGU ABATE, LKIDAN HASSEN ABAY, SOLOMON M. ABBAFATI, CRISTIANA ABBASI, NOOSHIN AB BASTABAR, HCDAYAT ABD-ALLAH, FOAD ABDELA, JEINAL ABDELALIM, AHMED ABDEL-RAHMAN,</p>	<p>LANCET</p>	<p>2018</p>	<p>70</p>	<p>GENERAL</p>	<p>45</p>

	OMAR ABDI, ALIREZA AB DOLLAHPOUR , IBRAHIM					
MEASURING PROGRESS FROM 1990 TO 2017 AND PROJECTING ATTAINMENT TO 2030 OF THE HEALTH- RELATED SU STAINABLE DEVELOPME T GOALS FOR 195 COUNTRIES AND TERRIT ORIES: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE STUDY 2017	LOZANO, RAFAEL FULLMAN, NANCY ABATE, DEGU ABAY, SOLOMON M. ABBAFATI, CRISTIANA ABBASI, NOOSHIN AB BASTABAR, HEDAYAT ABD-ALLAH, FOAD ABDELA, JEMAL ABDELALIM, AHMED ABDE L-RAHMAN, OMAR ABDI, ALIREZA AB DOLLAHPOUR , IBRAHIM ABDULKADER , RIZWAN S	LANCET	2018	34	GENERAL	21
THE IMPACT OF AIR POLLUTION ON DEATHS, DISEASE BURDEN, AND LIFE EXPECTANCY ACROSS THE STATES OF INDIA: THE GLOBAL BURDEN OF DISEASE STUDY 2017	K BALAKRIS HNAN, S DEY, T GUPTA, RS DHALIWAL, ETC	THE LANCET PLANETARY HEALTH	2018	24	GENERAL	23
AN OVERVIEW OF QUINAZO LINES: PHA RMACOLOGIC AL SIGNIFI CANCE AND RECENT DEV ELOPMENTS	V ALAGARSA MY, K CHITRA, G SARAVANAN...	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2018	19	FACULTY OF PHARMACY	18
EXPOSURES TO FINE PA	BALAKRISHN AN K.,	ENVIRONMEN TAL	2018	17	FACULTY OF ALLIED	15

<p>ARTICULATE MATTER (PM2.5) AND BIRTHWEIGHT IN A RURAL-URBAN, MOTHER-CHILD COHORT IN TAMIL NADU, INDIA</p>	<p>GHOSH S., THANGAVEL G., SAMBANDAM S., MUKHOPADHYAY K., PUTTASWAMY N., SADASIVAM A., RAMASWAMY P., JOHNSON P., KUPPUSWAMY R., NATESAN D., MAHESHWARI U., NATARAJAN A., RAJENDRAN G., RAMASAMI R., MADHAV S., MANIVANNAN S., NARGUNANADAN S</p>	<p>RESEARCH</p>			<p>HEALTH SCIENCES FACULTY OF MEDICINE FACULTY OF PUBLIC HEALTH</p>	
<p>COMPUTATIONAL APPROACH TO UNRAVEL THE IMPACT OF MISSENSE MUTATIONS OF PROTEINS (D2HGDH AND IDH2) CAUSING D-2-HYDROXYGLUTARIC ACIDURIA 2</p>	<p>THIRUMAL KUMAR D., JERUSHAH EMERALD L., GEORGE PRIYA DOSS C., SNEHA P., SIVAR., CHARLES EMMANUEL JEBARAJ W., ZAYED H.</p>	<p>METABOLIC BRAIN DISEASE</p>	<p>2018</p>	<p>11</p>	<p>FACULTY OF BIOMEDICAL SCIENCES</p>	<p>3</p>
<p>FIELD MEASUREMENTS OF SOLID-FUEL COOKSTOVE EMISSIONS FROM UNCONTROLLED COOKING IN CHINA, HONDURAS,</p>	<p>ROSE EILENBERG S., BILSBACK K.R., JOHNSON M., KODROS J.K., LIPSKY E.M., NALUWAGGA</p>	<p>ATMOSPHERIC ENVIRONMENT</p>	<p>2018</p>	<p>11</p>	<p>FACULTY OF ALLIED HEALTH SCIENCES</p>	<p>6</p>

UGANDA, AND INDIA	A., FEDAK K.M., BENK A-COKER M., REYNOLDS B., PEEL J., CLARK M., SHAN M., SAMBANDAM S., LORANGE C., PIERCE J.R., SUBR AMANIAN R., VOLCKENS J., ROBINSON A.L.					
MOLECULAR MECHANISTI C INSIGHT OF HEPATITIS B VIRUS MEDIATED H EPATOCELLU LAR CARCINOMA	CHATURVEDI V.K., SINGH A., DUBEY S.K., HETTA H.F., JOHN J., SINGH M.P.	MICROBIAL PATHOGENES IS	2019	11	CENTRAL RESEARCH FACILITY	5
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the	Lozano, Rafael Fullman, Nancy Abate, Degu Abay, Solomon M. Abbafati, Cristiana Abbasi, Nooshin Abastabar, Hedayat Abd-Allah, Foad Abdela, Jemal Abdelalim, Ahmed Abdel-Rahman,	Lancet	2018	4	21	Sri Ramachandra Institute of Higher Education and Research

Global Burden of Disease Study 2017	Omar Abdi, Alireza Abdollahpour, Ibrahim Abdulkader, Rizwan S						
Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017	Dicker, Daniel Nguyen, Grant Abate, Degu Abate, Lkidan Hassen Abay, Solomon M. Abbafati, Cristiana Abbasi, Nooshin Abastabar, Hedayat Abd-Allah, Foad Abdela, Jeinal Abdelalim, Ahmed Abdell-Rahman, Omar Abdi, Alireza Abdollahpour, Ibrahim	Lancet	2018	3	45	Sri Ramachandra Institute of Higher Education and Research	
Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a	Kyu, Hmwe Hmwe Abate, Degu Abate, Kalkidan Hassen Abay, Solomon M. Abbafati, Cristiana Abbasi, Nooshin Abastabar, Hedayat Abd-Allah, Foad Abdela, Jemal Abdelalim, Ahmed Abdollahpour, Ibrahim Ab	Lancet	2018	1	93	Sri Ramachandra Institute of Higher Education and Research	

systematic analysis for the Global Burden of Disease Study 2017	dulkader, Rizwan Sul iankatchi Abebe, Molla					
Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Diseases	Stanaway, Jeffrey D. Afshin, Ashkan Gakidou, Emmanuela Lim, Stephen S. Abate, Degu Abate, Kalkidan Hassell Abbafati, Cristiana Abbasi, Nooshin Abastabar, Hedayat Abd-Allah, Foad Abdela, Jemal Abdelalim, Ahmed Abdollahpour, Ibrahim Abdul	Lancet	2018	2	149	Sri Ramachandra Institute of Higher Education and Research

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	6	0	0
Attended/Seminars/Workshops	0	0	1	0

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Clinical Trial Division	MYL-MYV-4001 "A multicenter, open label, single arm, prospective, Phase IV study to	Siro Clinpharm Pvt. Ltd.	507500

	evaluate the safety and efficacy of MyHep All™ (Sofosbuvir/Velpatasvir, fixed dose combination) in Indian Adult patients with chronic Hepatitis C Virus (HCV) infecti		
Clinical Trial Division	Protocol No:: 0384-18, Version 3.0, Dated 01 May 2018 "A randomized, open label, two arm, single dose, crossover bioequivalence study of Ayana Pharma's Doxorubicin Hydrochloride Liposome injection (LC-101) (Investigational Product) and the US Referen	Ayana Pharma Ltd.	638814
Clinical Trial Division	Protocol Number: NN9536-4373 Effect and safety of semaglutide 2.4 mg once-weekly in subjects with overweight or obesity.	Novo Nordisk India Pvt. Ltd.	4600000
Clinical Trial Division	Glycemic Index testing of fibre rich white rice varieties (Payasa)	MDJ Agrofibre Pvt Ltd. (Payasa High Fibre EnergyA)	802500
Clinical Trial Division	To evaluate the safety and tolerability of HCLX 031706 in Healthy adult volunteers: Randomized, open label, two arm clinical study	The Himalaya Drug Company	200000
Clinical Trial Division	Study No. MYL-1802N-1001 "A Randomized, Multicenter, Multiple-dose, Two-treatment, Parallel, Steady State	Cliantha Research Ltd.	5464725

	Bioequivalence Study of Paliperidone palmitate ER Injectable Suspension (546 mg Mylan) and INVEGA TRINZA® ER Injectable Suspension (546 mg Jan		
Clinical Trial Division	KEMHRC/PERT/1 (Pertussis Surveillance). Surveillance of Pertussis among hospitalized infants in India.	KEM Hospital	2020000
Clinical Trial Division	Study No: R092670PSY3015 "A Double-blind, Randomized, Active-controlled, Parallel-group Study of Paliperidone Palmitate 6-Month Formulation"	Johnson Johnson Pvt. Ltd.	2903560
Clinical Trial Division	EFC14875/The SCORED Trial "A Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Study to Demonstrate the Effects of Sotagliflozin on Cardiovascular and Renal Events in Patients with Type 2 Diabetes, Cardiovascular Risk Factors	Sanofi Synthelabo (India) Pvt. Ltd.	4517000
Clinical Trial Division	MYL-SLD-4001 Multicenter, Open Label, Prospective, Phase IV Interventional Study in Adult Indian Patients to Evaluate the Safety and Efficacy of MyHep LVIR™ (ledipasvir/sofosbuvir, Fixed Dose	Siro Clinpharm Pvt. Ltd.	317500

Combination) in HCV genotype 1 infection and the combinat

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Health Professionals and Faculty Development	Curriculum Implementation Support Program, MCI Nodal Centre, Sri Ramachandra Medical College and Research Institute	Medical Council of India	694804	13
Health Professionals and Faculty Development	Curriculum Implementation Support Program, MCI Nodal Centre, Sri Ramachandra Medical College and Research Institute	Medical Council of India	694804	4

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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Gaja Cyclone Relief Community health Camp	SRMC (medical, paramedical along with NSS volunteers) at Pattukottai	4	8
Gaja Cyclone Relief Camp	SRMC (medical, paramedical along with NSS volunteers) at Thiruthuraipoondi, Thiruvarur	6	17
Multi-specialty community health camp	Residents Welfare Association SRMC (medical, paramedical along with NSS volunteers) at Ranga Nagar	3	10

Gaja Cyclone Community health Relief Camp	SRMC (medical, paramedical along with NSS volunteers) at Thiruvavarur, Mangudi	22	41
Multi-specialty community health camp	Chennai Residents, Nadar, Association SRMC (medical, paramedical along with NSS volunteers) at Thiruvanmiyur	11	18
Multi-specialty community health camp	SRMC (medical, paramedical along with NSS volunteers) at Rasipuram	49	60
Multi-specialty community health camp	VRDDY SRMC (medical, paramedical along with NSS volunteers) at Perathur	9	16
Multi-specialty community health camp	Sundar Matriculation School SRMC (medical, paramedical along with NSS volunteers) at Poonamallee	12	18
Multi-specialty community health camp	Sri Ram Matriculation School SRMC (medical, paramedical along with NSS volunteers) at Thiruneermalai	5	12
Community health Eye camp	Jain Assiosation at Kanchipuram along with medical, paramedical and NSS volunteers	1	5

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NSS activites	Letter of appreciation	Ministry of Youth Affairs and Sports -	450

Swachh Bharath Summer Internship 2018	Certificate	Ministry of Drinking Water and Sanitation Govt of India	118
Swachh campus ranking 2018	5th cleanest higher education	Ministry of HRD, Govt of India	200
View File			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Dental community health at Sethubaskaran school	Department of Public Health Dentistry along with Rotary club (paramedical along with NSS volunteers)	Dental screening provision of dentures	1	6
Community health Eye camp	Jain Assiosation (medical, paramedical along with NSS volunteers) at Tiruvallur	Screening of the Eye defects and providing spectacles	1	5
Community health Eye camp	PHC (along with medical, paramedical and NSS volunteers) at Mugalivakkam (PHC)	Screening of the Eye defects and providing spectacles	1	5
Community health Eye camp	Lions Club at Malaimedu along with medical, paramedical and NSS volunteers	Screening of the Eye defects and providing spectacles	1	5
Community health Eye camp	Jain Assiosation at Kanchipuram along with medical, paramedical and NSS volunteers	Screening of the Eye defects and providing spectacles	1	5
Gaja Cyclone Relief Camp	SRMC (medical, paramedical along with NSS volunteers) at Thiruthuraipoon di, Thiruvarur	Providing Relief Material Health check up	6	17
Multi-specialty community	Residents Welfare	Screening and Treating	3	10

health camp	Association SRMC (medical, paramedical along with NSS volunteers) at Ranga Nagar	Patients		
Gaja Cyclone Community health Relief Camp	SRMC (medical, paramedical along with NSS volunteers) at Thiruvarur, Mangudi	Providing Relief Material Health check up	22	41
Multi-specialty community health camp	Sundar Matriculation School SRMC (medical, paramedical along with NSS volunteers) at Poonamallee	Screening and Treating Patients	12	18
Multi-specialty community health camp	Sri Ram Matriculation School SRMC (medical, paramedical along with NSS volunteers) at Thirunermalai	Screening and Treating Patients	5	12
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
(Echo cardiogram)-Traning	Dr.MURALI KRISHNA,M.D., Assistant Professor	Institutional	21
Study in India Programme	Dr.TRIPTI PATHARE,M.D., (Radio-diagnosis)	Institutional	60
View File			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Exchange / Research for Students/ Faculty from	Collaborative education and training for Medical	International Medical University education,	10/10/2018	09/10/2019	20 students from Malaysia training at

Malaysia	students	SDNBHD, Malaysia			SRIHER
MRCP - Training Centre at SRIHER Podiatry Programme at SRIHER	Examination and assessment continuing p rofesstional development membership and fellowship development of educational provision and medical traning in UK and SRIHER	Royal College of Physicians and Surgeons of Glasgow, United Kingdom	20/08/2018	19/12/2019	"36 students training for MRCP. Podiatry clinic set up at SRIHER "
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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
University of North Carolina,	22/03/2019	AHS / Physician Assistant / Physiotherapy - Twinning programme	2
British Global and Travel Health Association, BATH, United Kingdom	02/04/2019	One Batch of students under went the course in 2019	41
Hull University Teaching Hospitals NHS Trust, United Kingdom	03/04/2019	Five visits of Hull medical specialists Five members of SRIHER visited Hull One faculty trained	10
PeaceAids International, Ghana, West Africa	24/04/2019	Research Internship and traning partnership established one batch visited	8
University of Glasgow, Scotland, United Kingdom	10/06/2019	Academic co-operation VC of SRIHER visited Glasgow along with delegation. Dean from Glasgow visiting SRIHER in March, 2020	1
Royal College of Physicians and	20/08/2018	MRCP - Training Centre at SRIHER	36

Surgeons of Glasgow, United Kingdom		Podiatry Programme at SRIHER	
University of South Australia	12/09/2018	Dr. Narasimhan of SRIHER, Visiting Professor Deligation visit to SRIHER	180
International Medical University education, SDNBHD, Malaysia	10/10/2018	Exchange / Research for Students/ Faculty from Malaysia	20
Rollins School of Public Health, Emory University, Atlandta, United States of America	22/10/2018	2018- Respiratory Illness in Children a CME conducted by HAPIN project team along with Indian Medical Association, Kallakurichi branch on 28th January 2018 at IMA Hall, Kallakurichi, Villupuram district - There were 40 paediatricians from Kallakurchi	43
CALS INDIA, England, United Kingdom	28/01/2019	Grants to Hospitals for staff training	30
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
16448.12	16448.12

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
View File	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
In-House Built Software	Fully	1.0.0.10	2013

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	32353	16735099	1700	1589156	34053	18324255
Reference Books	2592	46947508	1409	2873949	4001	49821457
e-Books	9	95000	0	0	9	95000
Journals	0	323509818	400	31170736	400	354680554
e-Journals	0	47299232	156	2161616	156	49460848
Digital Database	0	15114942	11	2466816	11	17581758
CD & Video	5053	6806	931	0	5984	6806
Library Automation	1	63682607	0	0	1	63682607
Weeding (hard & soft)	0	0	0	0	0	0
Others (specify)	0	0	0	0	0	0

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. Ananda Rani	ANATOMY, MOODLE	SRI RAMACHANDRA MOODLE PLATFORM	23/11/2018
Dr. kesavi D	ANATOMY, MOODLE	SRI RAMACHANDRA MOODLE PLATFORM	04/07/2019
Dr. haripriya M	ANATOMY, MOODLE	SRI RAMACHANDRA MOODLE PLATFORM	25/07/2018
Dr. Ian Johnson	ANATOMY, MOODLE	SRI RAMACHANDRA MOODLE PLATFORM	22/03/2019

Dr. kesavi D	ANATOMY, MOODLE	SRI RAMACHANDRA MOODLE PLATFORM	25/07/2018
Dr. Muthu Kumar Tango	ANATOMY, MOODLE	SRI RAMACHANDRA MOODLE PLATFORM	23/11/2018
Dr. Muthu Kumar	ANATOMY, MOODLE	SRI RAMACHANDRA MOODLE PLATFORM	23/11/2018
Dr. Ramesh Kumar subramanian	ANATOMY, MOODLE	SRI RAMACHANDRA MOODLE PLATFORM	06/07/2019
Dr. senthil kumar	ANATOMY, MOODLE	SRI RAMACHANDRA MOODLE PLATFORM	05/07/2019
Dr. srimathi ramaswamy	ANATOMY, MOODLE	SRI RAMACHANDRA MOODLE PLATFORM	01/12/2018
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	300	20	0	50	310	160	800	1000	0
Added	189	5	0	0	51	23	70	320	0
Total	489	25	0	50	361	183	870	1320	0

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

1320 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
e-learning, (Av studio video, Swayam Prabha)	http://elearning.sriramachandra.edu.in

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
16806	16806	1752	1752

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The Institute central library ensures effective utilization of library through integrated library management software developed by Sriher IT professionals and the online resources are made available to the entire faculty, staff and students through remote access facility which can be accessed anytime anywhere 24X7. The implementation of RFID technology and self check in /checkout Kiosk machine enabled quick circulation transactions and stock verification made easy

in the maintenance of holdings. The library holdings can be seen through Online Public Access Catalogue (OPAC). The library is governed and maintained by the Institute level library committee consisting of Dean of Faculties as the Chairman, Dean of the Medical College Co-Chairman, and Faculty from all the constituent Colleges as the members, Librarian internal and external and the student representatives. The committee keeps track on procurement of books, renewal and subscription of journals recommended by the Head of the departments. Binding of journals are done annually by obtaining approval from the library committee. Library feedback is integrated into the library software and their suggestions are carried out immediately. To ensure return of books, 'no dues' from the library is made mandatory for faculty, staff and students while leaving the Institute. The proper accounts of visitors are biometrically registered in the biometric reader and their physical presence is maintained in the library software which can be generated whenever needed. The books which are found unfit for circulation are weeded out through proper approval from the library committee. The library has special lift for physically challenged and a special software for blind students to use the computer systems in the library. The library staff takes utmost care in the proper functioning of the library which is laudable. Laboratories are all medical equipments are taken care by the Bio-medical Department and engineers. Almost all the critical and laboratory equipments are under annual or comprehensive maintenance service contracts. Hi-end critical equipments for example, Intra-aortic balloon pumps, ventilators are under insurance as well. The Electronic Data Processing (EDP) Department takes care of computers and its accessories. Preventive maintenance plans are available in these departments. The maintenance labels are placed on the instruments with details such as date of service and due date of next service along with equipment number. All the non-medical equipment for Eg: Geysers are maintained by civil maintenance department. Break down calls are attended within the stipulated time and rectified as early as possible. The subcommittee comprises of a chairman, secretary and committee members deputed to conduct facility rounds once in a month and fix safety issues if any of the respective areas entirely once a month and fix the safety issues if any on that month itself. Unresolved safety issues will be escalated to the parent committee during the monthly meetings. Computers are IT Department comprises of 40 member team. The department takes care of the technical issues related to the computers, IT and internet. The institution frequently updates the computer systems and all other ICT tools to facilitate teaching-learning process and remain modernized.

https://digicampus.sriramachandra.edu.in/webroot/uploads/weblinksfiles/4.5.2201912241005414.5.2_Rectification_report_of_daily_complaints.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Scholarship For Having Secured Highest Marks in the First Year University Exams Held in -(2018-2019)	27	477500
Financial Support from Other Sources			
a) National	Prime Minister	5	0

	Special Scholarship Scheme for Jammu Kashmir students		
b)International	0	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Women's Asanas-Balance For Better	08/03/2019	200	Sri Ramachandra Women`s Advancement cell Dr.Archana,Senior Resident,Department of Pathology,SRIHER
Yoga common protocol	21/06/2019	921	Faculty of Allied Health Sciences, Sri Ramachandra Institute of Higher Education and Research
Personality Development Program	29/11/2018	300	Mr.Sakthi P.Kandan - Professional Trainer Industrialist and Alumni association Pharmacy
Demonstration and Hands on training	15/10/2018	100	Ms.Pratiksha Gupta, Founder CEO - Bengaluru Telepractice in Audiology and Hands on training provided by Kudu Wave and Medtronics India pvt Ltd and Alumni Association of Department of SLHS
Yoga for well being	20/06/2018	355	Dr. B. Rangaiah, Professor, Department of Applied Psychology, School of Physical, Chemical and Applied Sciences, Pondicherry University and Sri Ramachandra Medical College and Research Institute
Yoga sessions	05/09/2018	20	Department of Pathology , Sri

			Ramachandra Institute of Higher Education and Research
Training in Glide software	19/07/2018	22	Mr. Vinodh Devaraj, Schrodinger, Bangalore, Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Sri Ramachandra University
Strategy for quality publications	12/07/2018	30	Prof.S. P. Thyagarajan, Professor of Eminence Dean Research, SRIHER(DU) and Faculty of Dental Sciences
Research Methodology 2018	12/11/2018	28	Faculty of Dental Sciences, Sri Ramachandra Institute of Higher Education and Research (DU)28
Reference managment in the Scientific writing	13/07/2018	27	Dr. K. Muthu Prathibha, Department of Physiology, Saveetha Medical College and Department of Physiology ,Sri Ramachandra Medical College Research Institute

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Career Guidance Program - GPAT training	56	0	1	1

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
72	70	15

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Lenskart, Chennai	38	26	BMR Health, USA	30	12
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.Sc (Clinical Nutrition)	Department of Clinical Nutrition	PSG Institute of Medical Sciences and Research	M.Sc Clinical Nutrition
2019	1	B.Sc (A.H.S)	Faculty of Allied Health Sciences	Vytautas Magnus University	M.Sc Molecular Biology
2018	4	B.P.T	Faculty of Physiotherapy	Sri Ramachandra Institute of Higher Education and Research	M.P.T Womens Health
2018	2	B.Optom	Department of Optometry	Sri Ramachandra Institute of Higher Education and Research	M.Optom
2018	1	B.A.S.L.P	Department of Speech, Language and Hearing Sciences	MERF Institute of Speech and Hearing Private Limited	M. Sc (Audiology)
2018	13	B. Pharm	Faculty of Pharmacy	Sri Ramachandra Institute of Higher	M. Pharm (Pharmaceuticals)

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	4
SLET	2
Any Other	1
Any Other	1
Any Other	24
Any Other	2

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

Activity	Level	Number of Participants
Dhruva, Iktaara Tanda-2018 - Cultural Activities	University	175
Fresher`s party - Cultural activities	University	400
Christmas Celebration Cultural Activities	University	400
Teacher`s day Cultural activities	University	500
Best out of Waste Competition and Assorted (competition on role-play / skits)	University	200
Orientation programme BDS (Cultural Activities)	University	99
Sheikh Trophy Cricket Tournament 2019	University	288
Triathlon - Sports Competition	University	820
Childrens day Celebration	State	100
Sri Ramachandra Pathology Annual Rapid Review Course - cultural activities	National	310

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
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2018	Sup-women category Surfing - II Place	National	1	0	AUSS160300	Ms. Vilassini S
2018	72nd Senior National Aquatic Championship 2018 -Silver Medal - 50 mts Breast stroke	National	1	0	AUSS16015	Ms. Jaya Veena. A.V
2019	39th World Medical & Health Games-First place in 100 meters - U/35 men	International	1	0	T0117090	Enoch Newton Joseph
2019	39th World Medical & Health Games-First place in 200 meters - U/35 men	International	1	0	T0117090	Enoch Newton Joseph
2019	39th World Medical & Health Games-First place in 400 meters - U/35 men	International	1	0	T0117090	Enoch Newton Joseph

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

The Student Council of Sri Ramachandra Institute of Higher Educational and Research consists of 37 students from all the constituent colleges of Medicine, Dental, Allied Health Sciences, Nursing, Pharmacy, Physiotherapy, Biomedical Sciences, Management and Public Health. The nodal positions, President and Vice-president, followed by council members consisting of the General Secretary, Treasurer, Library Secretary/ Journal / News Editor, Sports Secretary, Cultural Secretary, and representatives which are held by students from each college and chapter. The members are pivotal in coordinating of relevant activities and promoting a thriving student environment. This process is closely organized and executed under the leadership of the General Secretary along with the President and Vice-President. The Student Council comes under the control and guidance of the Dean of students along with a team of Assistant Deans representing each constituent college in the institute. The Council along with Dean and Assistant Deans meet every month and discuss issues pertaining to students and their life in the campus. The students also help out with various institutional programmes, and governmental initiatives. They are instrumental in

disseminating information to the large student body and their presence ensures that the authorized communications reach all the students. The social conscience of the Council is immense with events conducted such as the Duathlon to support Cleft palate surgery awareness, MEDHOPE to support children suffering from cancer, Safety Awareness Day, etc. to name a few. Student council members actively participate in research related events like Innovation Bazaar and they are also part of our Innovation Cell. They also encourage students across the university to participate in research programs. They are also members of various administrative committees in the organization like Medical Education Unit, Sports committee, Library committee, IQAC, Alumni association and Mess committee, anti ragging committee to name a few, this enables them to be involved in the administrative decisions that influence campus life. Members from the council are also present when addressing issues pertaining to Anti- Ragging, Student Grievances/ Prevention of Sexual Harassment with effect of timely redressal for the same. The Student extracurricular engagement is a vital part of University education for which the council has initiated student clubs. These include Dance, Music, Debate, Quiz and the Photography Clubs. In addition, a Tamil Literary Association has been initiated for all those with a passion for our regional language. The members of the council are also crucial in organizing and executing important University events such as Convocation and Founders Day. They also organize Annual Teacher's Day celebration in the form of a Carnival, and provide an opportunity for the faculty to enjoy lighter moments. The student council members are part of annual students culturals, which is held in the month of September every year. The Student Council effectively works towards bridging the gap between the faculty and students.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni Association of Sri Ramachandra Institute of Higher Education and Research aims at creating and maintaining a life-long relationship between the Institute and its alumni. Sri Ramachandra Alumni Association central cell has been formed in the year 2016. Initially the alumni of the institute functioned as individual chapters for eight faculties of the university as informal constituents since the year 2004-05. As individual constituents the alumni has contributed to both the University and to the Society in the following aspects Currently the alumni have been registered as the "Alumni Association of Sri Ramachandra Institute of Higher Education And Research" as per the TamilNadu, Society Registration Act 27 of 1975, November 2018 (Sl. No 511/2018). The decision for the same was initiated in the Grand Alumni Meet (In house alumni) that was organized in the September of 2016 The alumni chapters of the institute have contributed greatly to the welfare of the institute and that of both faculty and students. Our alumni has played a pivotal role in providing encouragement through best alumni awards for students and recognized alumni. The alumni also further encourage our students with career guidance and programmes/workshops, assisting students as guides in research and as principle investigators in clinical trials and research papers. Alumni has actively participated in organizing, funding and also as resource persons for various CME, CNE, CRE, conferences and workshops. The alumni have contributed to society through both sponsoring and participating in screening and health camps(Nursing), providing instrumental in the form of test equipments and physical support for students (SLHS), clinicians and patients. The alumni also has rich fund of entrepreneurs (Dr.Rajaramanan, Dr.Rajesh, Dr.Sasikumar Muthu and Dr.Malaraj), which was also greatly appreciated by the MEDGATE award given to the institute in March 2018. The alumni currently consist of 16728 members both nationally and internationally. The alumni have donated books amounting to

about 1,55,304 (approx). The institute is also proud of its esteemed alumnus Dr. Shamsheer Vayalil, Chairman and Managing Director of VPS Healthcare (Chain of Hospitals in Dubai, India and Europe), Dr.Kannan Gireesh, consultant and Founder and CEO of Live Life Education Pvt. Ltd, Dr S Gurushankar, Chairman of Meenakshi mission Hospital and Research centre etc. The alumni chapters have also been instrumental in providing career and competitive exams guidance programmes as one on sessions during alumni meets or as career guidance workshops. The alumni have also been a part of providing feedback relating to syllabus revamping. This has greatly enabled us to improve our teaching methods and resources. The alumni also have catered to provide first hand information in their designated chapters relating to job and placement opportunities. The alumni registration has build in a good system within the institute to respond to our alumni job opportunity needs.

5.4.2 – No. of registered Alumni:

3802

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

7676255

5.4.4 – Meetings/activities organized by Alumni Association :

1.Alumni Chapter Faculty of Medicine - USMLE Competitive exam assistance programme 2.Alumni Chapter Faculty of Nursing -16th Alumni Reunion Seminar on "Inner technology for peace and happiness 3.Alumni Chapter Faculty of Management - Career Counselling Programme on Healthcare and Health System Management 4.Department of Bioinformatics - Job oriented Data analytics workshop Carrier Guidance for students by Ms.Archana Preetha (Alumnae) 5.Department of Optometry - CME And Workshop On "Research Methods And Tools" by Mr.T.Nagarajan (Alumnus) 6.Alumni Chapter Faculty of Medicine - Nostalgia 2018 7.Alumni Chapter Faculty of Public Health - Carrier Opportunities in Public Health on Opportunities for Public Health professionals in Industrial Sectors" 8.Department of SLHS - Alumni Anniversary Celebration 9.Alumni Chapter Faculty of Pharmacy - Personality Development Program on Soft skills required for career and professional development 10.Alumni Chapter Faculty of Nursing - Multi- Specialty Health Camp 11.Alumni Chapter Faculty of Dental Sciences - Evoque Alumni Meet 2018 12.Alumni Chapter Faculty of Physiotherapy - Career Guidance Program -Talk on "Myofacial Release" 13.Department of Anaesthesiology - Alumni Meet 14.Alumni Chapter Faculty of Allied Health Sciences - 2nd Grand Radiology Alumni Meet 15.Alumni Chapter Faculty of Management - Guest Lecture on " Knowledge sharing session" 16.Alumni Association - CME on "Colonic Polyps and Management of difficult colonic polyps" by Dr.MH Thoufeeq (Alumnus) 17.Department of Clinical Nutrition - Alumni Meet 18.Alumni Chapter Faculty of Management - Career talk on "Effective hands on Posting " 19.Alumni Association - Prevention of Sexual Harassment Workshop 20.Department of Optometry - Optroeziens 2019 , World Optometry day Celebration with State Optometry fraternity and Alumni 21.Alumni Chapter Faculty of Pharmacy - "Pharmacy Premier League" 22.Alumni Chapter Faculty of Dental Sciences - Pep talk on "Yours Toothfully" 23.Alumni Chapter Faculty of Dental Sciences - "THE KEY TO NEET" 24.Department of SLHS - Guest Lecture on "SLP - Theory to Practice" by Sowmya Menon (Alumnae)

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The SRIHER (DU) ever since its inception implemented the policy of

decentralization of academic and administrative functions, for effective and efficient institutional governance. The process of decentralization has its underlying principle of exercising powers with accountability. All the constituent colleges/faculties have always enjoyed both administrative and academic, autonomy - albeit within the framework of the rules and bye laws of the institution as outlined in the UGC (IDU) regulations. There are several committees where all the stakeholders participate and freely express and exchange their views and arrive at a consensus for taking up the implementation process. Case study on decentralization and participative management: Effective leadership of a university fully depends on team work under the auspices of the Vice Chancellor to promote development in areas like programmes development, akin to the Vision and Mission of the university, programme implementation strategy and setting targets to achieve as per the timelines set. With that objective, the present Vice - Chancellor of SRIHER (DU) has evolved a two-tier system of University Development Committee (UDC) and University Advisory Council (UAC). While the UDC, a consultative body to provide academic and administrative inputs for enhancing the functioning of the DU by considering various issues connected with the academic and administrative governance has members from all the constituent colleges/faculties (Deans/Principals), along with the Registrar, the Director (Finance), the General Manager (HR), etc. The UAC acts as a monitoring body assessing the implementation of the approved schemes and proposals. It consists of only the top-tier senior officials to facilitate coherence. This system got instituted from 2017. So far 18 UDC meetings and 18 UAC meetings were held since May 2019. A total of 218 proposals covering academic, administrative, resource generation and institutional expansion proposals were presented and discussed. Out of the UDC approved proposals 73 have been implemented with clear timelines. Some of the schemes and proposals include, strengthening of skills and simulation laboratory, infrastructure and training for Medical UG PG students, expansion of Allied Health Sciences educational programmes with simultaneous infrastructure and manpower strengthening, establishment of Sri Ramachandra Innovation Incubation Centre and Sri Ramachandra Centre for International Collaboration with trained manpower strengthening the Faculty of Management administrative and examination reforms, NABH accreditation and strengthening of the teaching hospital etc., The formation of such consultative and implementation bodies is innovative and the overall experience gained thus far from the working of these committees is that there has been considerable improvement in the momentum of implementation of the schemes and proposals. The approach to issues and decision making is based on 'bottom up' as all the principal stake holders are involved in it who presents their proposal(s) in the UDC. After due diligence the proposal is technically approved and goes submitted for financial allocations with due justification. It is the opinion of SRIHER (DU) that this case study has evolved as an emulatable best practice with ingredients of decentralization and participative management that has contributed to the good governance of the Deemed to be University.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	The reforms adopted for admission process includes online filling of application which includes entrance examination format followed by counselling on one side, on courses

controlled by the statutory bodies. The courses under the Deemed University that adopt UGC norms follows interview followed by counselling method of admission. Which enables a student apply wide range of programs. This enhanced the demand ration -- of program offered. However, the Medical and Dental programs (both UG and PG) follow the all India Entrance Examination pattern ie NEET for its admission process. This made the University to receive the application from all the state across the country apart from the Tamilnadu state.

Human Resource Management

The DU has streamlined methodology based appointments through selection committees and promotions through 'Credentials Committee' critically analyses the performance followed by 'Promotion Committee'. The institute has comprehensive welfare measures including various services, facilities and amenities for the benefit of faculties, staff and students. Employees are entitled to avail leave such as Earned Leave, Casual Leave, Sick Leave Compensatory Leave, Radiation leave and Maternity leave. Casual Leave Encashment to non-teaching staff is one among the benefits offered by the management. Teaching staff are also granted special causal leave for attending and presenting papers at various conferences, examination duty leave and study leave / sabbatical leave for faculty pursuing higher studies.

Industry Interaction / Collaboration

1. To instruct the heads of the constituent units to identifying experts from industries of their speciality and include them as expert in the BoS, of the respective colleges.
2. To encourage experts for industry to deliver lectures during seminar/cmf and to induct them as Visiting/Adjunct faculty of our University.
3. To initiate more MoU's with industries.

Research and Development

- This is achieved by conducting industry visits, competency based curriculum in Medical and Nursing, state of the art Cilika microscopes for PG/UG/ clinicopathological cases, slide learning sessions to make learning process receptive and interesting. These resulted in the improved quality attainment in Programme outcomes

culminating in assessable student learning outcomes. • Innovation and Research Excellence achieved through state-of-the-art infrastructure facilities to stimulate participation of students in scholarly activities are promoted by way of seed money as intramural funding (GATE projects and UG Summer Research Fellowships).

Examination and Evaluation

To monitor the effectiveness of the online system available for followers conduct of the examinations and evaluations. To implement the tab system of writing the examination n a pleased manner, so as to ensure total online system.

Teaching and Learning

- Imparting skills training at Cadaver bio skills lab, advanced embalming technology for surgical skills, simulation labs as alternative to usage of animals, simulation based case discussions in Pediatric ICU, Cholecystectomy and Appendectomy in clinical pathway, rare clinical scenarios through video colposcopy in OBG departments relate fundamental concepts and class room teaching to practical applications.

Curriculum Development

- Creation and sustenance of a culture that supports teaching excellence and focuses on outcome based education system is brought through self-directed learning, e-learning platforms such as MOOCS, MOODLE, SWAYAM, NPTEL portal and the e-resources development NPTEL-SWAYAM PRABHA Centre. • These e-resources are made available through the ICT/WIFI/Smart boards facilities in 147 classrooms / seminar halls. • Evidence based teaching, flip class methodology, organ based integrated curriculum, problem based learning, cafeteria approach of electives to choose interdisciplinary course through CBCS. • 68 of the total programmes are avenues of participatory learning for the students providing horizontal mobility and vertical integration in knowledge and skill domains. • Implementing innovative methodologies for slow learners to inculcate interest in learning by one to one approach and small group discussions

Library, ICT and Physical Infrastructure / Instrumentation

The central library of SRIHER uses Integrated Library Management Software to facilitate speedy access of

documents, journals and housekeeping operations of the library. This software was developed to facilitate operations of the library. The member profile, user profile, counter services, journal master entry, member search, admin master facilities like password change, transfer of books to the department library, retransfer, transfer for binding, stock verification and reservation of documents are enabled in the software. Biometric attendance: Every user while entering or exiting from the library registers their attendance in the library biometrically. The RFID technology is implemented in the central library, avoiding the limitations of barcode scanning, which requires line of sight access to each barcode and can only be used to scan one item at a time. he technology enables stock verification instantly and minimize the loss of materials. All the electronic resources available for discipline specific learning and subject specialty related databases subscribed can be accessed by the faculty and students in and out of the campus through EzProxy with a unique Id and password. A unique Id and password is created by the library staff for all the faculty and students. Integrated library management software systems provide seamless generation of summary reports of number of documents circulated, use of features like, renewals, holds, recalls, and to view borrowing records .

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

E-governance area	Details
Administration	Various areas are identified as part of administration e-governance such as inpatient and outpatient module for registration, admission, Ward Detail Report, Online indent form and other features available, which enables smooth conduct of day-to-day activities besides improvement of Quality in all activities of the institutions.
Finance and Accounts	Various area are identified as part of Finance and Accounts e-governance such as College account module contains Form 16A report form, EL and Allowance Enter Form, Hospital Accounts contains Monthly income and expenditure view

	option, Account wise summary, TDS collection report, receipt and Payment report and other features, which enables smooth conduct of day-to-day activities besides improvement of Quality in all activities of the institutions.
Student Admission and Support	Various area are identified as part of Student admission and support e-governance such as online application, Hostel accommodation details, book bank master, borrowed history list, online e-content access developed by our faculty, mark statement of semester and leave details etc, which enables smooth conduct of day-to-day activities besides improvement of Quality in all activities of the institutions.
Examination	Various area are identified as part of examination e-governance such as Preexamination process module contains Assesment of CIA, University examination registration, Generation of Hall tickets, In-examination process contains examination process, scanning of scipts and QC and student can view their exam schedule, download their hall ticket and mark sheets through their login, which enables smooth conduct of day-to-day activities besides improvement of Quality in all activities of the institutions.
Planning and Development	Various areas are identified as part of e-governance such as 1. University Development Committee, 2. University Advisory Committee, 3. Vision 2025 documents and other statutory bodies minutes available, which enables smooth conduct of day-to-day activities besides improvement of Quality in all activities of the institutions.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Aishwarya Nallamuthu	The 47th Annual Symposium care of the professional voice, PA, USA	The Voice Foundation	75000
2018	Jayashree S	The Audiology	Audiology	68025

		Australia National Conference 20185, Sydney	Australia	
2018	Rajeswari K DR	The 2nd International conference on Dentristry, Rome, Italy	London Oral Restorative Academy	73651
2018	Shenbagavalli	The 47th Annual Symposium care of the professional voice, PA, USA	The Voice Foundation	75000
2018	Sankar S	KINGCA Week 2018, Conference, Seoul, Korea	Korean Gastric Cancer Association (KINGCA)	67969
2018	Seenivasan P	Indian Congress of Pharmacy Practice18 and III convention of the Indian of Pharmacy, Hyderabad	Indian Association of Colleges of Pharmacy	15410
2018	Leena Chand	12th Annual National conference of Indian Society of Toxicology, Gangtok	Indian Society for Toxicology	13170
2018	Priyadarshree Pradhan Dr	12th Annual National conference of Indian Society of Toxicology, Gangtok	Indian Society for Toxicology	22947
2019	MAHESH VAKAMUDI DR	THE IACTA- INDIAN ASSOCIATION OF CARDIO VASCULAR THORACIC ANAEST HESIOLOGISTS,KO LKATA	Indian Association of Cardiovascular Thoracic Anaest hesiologists (IACTA)	33650
2019	SARA SAPHARINA G J	THE 18TH NATIONAL CONF. OF INDIAN SOCIETY OF PSYCHIATRIC NURSES (ISPNCN-2019), ASSAM	Indian Society of Pediatric Nephrology	17080

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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Method Validation and Verification - A CLSI perspective Workshop		13/06/2018	14/06/2018	15	0
2018	Biochemistry Beyond boundaries		29/09/2018	29/09/2018	15	0
2018	Research Methodology workshop for postgraduate students		22/06/2018	22/06/2018	15	0
2018	SRMC Mediclinic		22/06/2018	22/06/2018	35	0
2018	ESO INDIA 2018		15/06/2018	16/06/2018	31	0
2018	RHEUMACON 2018 WORLD ARTHRITIS DAY		12/10/2018	12/10/2018	47	0
2019	Revised Basic Course Workshop -SRI RAMACHANDRANODAL CENTRE IN MEDICAL EDUCATION TECHNOLOGIES		02/01/2019	04/01/2019	12	0
2018	ATCOM Workshop		23/06/2018	23/06/2018	6	0
View File						

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

Title of the professional development	Number of teachers who attended	From Date	To date	Duration
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programme				
Revised Basic Course Workshop -SRI RAMACHANDRA NODAL CENTRE IN MEDICAL EDUCATION TECHNOLOGIES	12	02/01/2019	02/01/2019	3
Curriculum Implementation Support Program, MCI Nodal Centre, Sri Ramachandra Medical College and Research Institute	4	14/02/2019	16/12/2019	3
Curriculum Implementation Support Program, MCI Nodal Centre, Sri Ramachandra Medical College and Research Institute	13	01/02/2019	01/02/2019	1
Research Methodology workshop for postgraduate students, Medical Education Unit, Sri Ramachandra Institute of Higher Education and Research	15	22/06/2018	22/06/2018	1
E-Learning Training Program, Medical Education Unit, Sri Ramachandra Institute of Higher Education and Research	432	30/04/2019	30/04/2019	1
10th Faculty Development Program on Effective implementation of soft and ICT skills in	34	02/03/2019	02/03/2019	1

teaching and learning				
REVISED BASIC COURSE WORKSHOP- SRI RAMACHANDRA NODAL CENTRE IN MEDICAL EDUCATION TECHNOLOGIES	8	20/06/2018	20/06/2018	3
ATCOM Workshop	6	23/06/2018	23/06/2018	1
Revised Basic Course AETCOM Workshop -SRI RAMACHANDRA NODAL CENTRE IN MEDICAL EDUCATION TECHNOLOGIES	30	02/01/2019	04/01/2019	3
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
715	715	4234	4234

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Educational Advance , Festival advance, Group Insurance, Marriage Advance, Personal Loan, Provident Fund Deduction, Welfare Fund Loan, PF, Food at Subsidized Rate, Provident Fund, Salary Advance, Festival Advance, Commendation award for fellowship, Merit Certificates for publication with high impact factor	Educational Advance , ESI Deduction List, Festival advance, Group Insurance, Marriage Advance, Personal Loan, Provident Fund Deduction, Welfare Fund Loan, PF, Food at Subsidized Rate, Provident Fund, Salary Advance, Festival Advance,	Summer Chancellor Fellowship, Founder Chancellor Fellowship , Merit Cum Means Scholarship Award, Freeship For Hospital Ward Technician Course Students, Fee-Waivers In Project Work Done At Sri Ramachandra Hospital

6.4 – Financial Management and Resource Mobilization

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

Sri Ramachandra Institute of Higher Education and Research (Deemed to be University) has deployed consistent internal audit in addition to the statutory external audit since two decades. Suitable institutional mechanisms are available to monitor the effective and efficient use of financial resources. The annual budget of revenue expenditure and capital expenditure are recommended annually by the Finance Committee and approved by the Board of Management of the Deemed to be University. Results are compared and analyzed to the budget. Generally, the recurring expenses and capital expenditures are projected to be within the budgeted resources of the Institution. Thereby

deficit budgeting is not encouraged. The Deemed to be University has a mechanism for internal and external audit to verify and certify the income, expenditure and capital expenditure each year. The Internal Audit is carried by internal auditors from external resources who have been permanently appointed and a team of staff under the external outsourced chartered accountant firm does a thorough check and verification of all the transactions that are carried out in each financial year. The internal audit team thoroughly checks all day to day transactions initiated under various departments - Purchase, Stores, Cash, Bank, Billing, Maintenance, Capital Works etc. In certain cases a pre-audit is also carried out. Variations if any identified are studied, analyzed and corrective mechanism suggested. Periodical reports are submitted by the internal audit to the management for corrective steps / measures if any required. Annual stock verification is carried out in stores and the internal audit team works as the extended arm of the Finance and Accounts Department. Apart from this under the statutory requirement, External Audit is done by an audit firm team headed by Chartered Accountants. External audit includes verification of all statutory commitments and compliance of the same carried out on an elaborate way taking into the reports of the regular internal audit. Apart from this all financial transactions including statutory compliances and filing of such returns in time are all verified and certified. By the mechanism of adopting both internal and statutory audit, the accuracy of the financials are achieved and maintained. The report by the audit team is immediately corrected and precautionary steps are taken to avoid such errors in the future, thereby adhering to standard accounting practices. So far, there have been no major findings/objections by the audit. It is also a credit that, the SRIHER financial stability management system as well as the auditing process has received consistently 'A' Grade in ICRA Ltd. Rating for the past three years (2017,2018 2019). As part of this financial jurisprudence, it is envisioned that SRIHER will evolve activity-based budgeting model along with time-line based deliverables, providing accountability-linked administrative and financial autonomy to all the constituent units of SRIHER.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
CHENNAI HOPES FUND	918000	Patient Care
View File		

6.4.3 – Total corpus fund generated

2500000000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Sri Ramachandra Institute of Higher Education and Research (SRIHER)	Yes	Sri Ramachandra Institute of Higher Education and Research (SRIHER)
Administrative	Yes	Sri Ramachandra Institute of Higher	Yes	Sri Ramachandra Institute of Higher

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

Nil

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

Helped to contacts/MoU like industries Faculties in Pharmacy college the Student Mr. Niveditha of 17 - 18 passed out.

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

Refine relationships with Interpersonal skills, Enhance Resilience through Work-Life Balance, Nurses Leaders (Effective leadership skills to build a winning team)

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

1. Blended Learning 2. New program introduced 3. Support for Publication in Scopus WOS impact - factor journals 4. Cash award introduced for faculty awarded fellowships 5. Mentor log book introduced for documentation of Mentor Mentee activities 6. Policies were namely • Facilities for e-content development policy • Policy on use of Institutional LMS (Moodle) • Policy on use of Open Educational Resources (OER) • Skills Simulation Education Policy 7. Formation of College Quality Cells for International Quality Culture 8. Modified the existing format for Evaluative report to fulfil the Health Science Manual Requirements.

6.5.6 – Internal Quality Assurance System Details

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

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Sensitization on New NAAC Health Science Manual	18/09/2018	18/09/2018	18/09/2018	350
2018	Student Awareness Program	27/08/2018	27/08/2018	31/08/2018	6322
2018	Participation in India Today Survey	31/12/2018	31/12/2018	31/01/2019	7
2018	NAAC Criterion wise working Group up formation	02/08/2018	02/08/2018	02/08/2018	60

2018	Pilot Study Participatio n in NAAC Manual of Health Sciences for Universities	03/12/2018	07/01/2019	07/01/2019	100
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Sensitisation Program on Sexual Haressment Grievance Redressal	26/11/2018	03/12/2018	897	10
ENHANCE RESILIENCE THROUGH WORK - LIFE BALANCE	17/08/2018	17/08/2018	33	5
ENHANCE RESILIENCE THROUGH WORK - LIFE BALANCE	23/08/2018	23/08/2018	33	5
ENHANCE RESILIENCE THROUGH WORK - LIFE BALANCE	25/09/2018	25/09/2018	33	5
ENHANCE RESILIENCE THROUGH WORK - LIFE BALANCE	23/10/2018	23/10/2018	33	5
Workshop - Abhilasha (IV Modules)	27/11/2018	27/11/2018	8	5
workshop - Abhilasha (IV Modules)	06/10/2018	06/10/2018	8	5
workshop - Abhilasha (IV Modu	10/11/2018	10/11/2018	8	5
workshop - Abhilasha (IV Mod	19/01/2019	19/01/2019	8	5
Nurses Leaders	27/07/2018	27/07/2018	8	5

- Stress of Leadership				
Nurses Leaders - Stress of Leadership	07/08/2018	07/08/2018	8	5
Nurses Leaders - Stress of Leadership	26/09/2018	26/09/2019	8	5
Nurses Leaders - Stress of Leadership	24/11/2018	24/11/2018	8	5

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
1

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	4
Ramp/Rails	Yes	4
Rest Rooms	No	0
Scribes for examination	Yes	5
Braille Software/facilities	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	0	8	07/07/2018	8	Swachh Bharat	Cleanlines	769
2018	13	0	22/10/2018	13	Medical Camp	Patient Screening	659
View File							

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

Title	Date of publication	Follow up(max 100 words)
Student Manual	27/06/2018	Minutes of the Code of Conduct Committee on 21.08.2018 at Vice-Chancellor's office The committee members were briefed by the Vice Chancellor about the existing code of conduct

		<p>documents available in our student manual and with various respective faculties, like Pharmacy, Nursing etc. This Committee will meet once in 2 months. VC sir asked the committee to make a document for code of conduct, by the 15 October incorporating the principles of research ethics, patient care and education. The existing code of conduct documents will be sent by Registrar as a soft copy, to all the members Members can also read through the UGC Guidelines and other relevant documents, already available. The committee was given the task of making two separate documents, one for staff and one for students.</p>
<p>General by laws</p>	<p>19/09/2018</p>	<ul style="list-style-type: none"> • Establishing the appropriate communications channels to ensure that any employee can seek or provide information regarding compliance with this code, ensuring the confidentiality of complaints processed at all times. • Interpreting the regulations derived from the Code and supervising their implementation. • Ensuring the accuracy and fairness of any proceedings commenced, as well as the rights of persons allegedly involved in possible breaches. • Gathering data on levels of compliance with the Code and disclosing the specific related indicators. • Maintain a two-way communication with the Grievance Committee, especially in relation to inquiries or

complaints received through various Channels. In particular, any complaint regarding criminal prevention received by the Grievance Committee, which translates into the existence of indications of actions that may violate the basic principles of action of the Code of Conduct of the SRIHER, will be transferred to the Monitoring Committee. Code of Conduct, so that the said Committee may value the opening of an investigation file. • Preparing an annual report on its actions, making the recommendations it deems appropriate to the University Advisory Committee.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
REVISED BASIC COURSE WORKSHOP- SRI RAMACHANDRA NODAL CENTRE IN MEDICAL EDUCATION TECHNOLOGIES	20/06/2018	22/06/2018	8
ATCOM Workshop	23/06/2018	23/06/2018	6
Revised Basic Course AETCOM Workshop -SRI RAMACHANDRA NODAL CENTRE IN MEDICAL EDUCATION TECHNOLOGIES	16/08/2018	18/08/2018	30
Impact of Empathy in Patient Care	20/06/2018	20/06/2018	25
Emotional Mastery	19/06/2018	19/06/2018	8
View File			

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

Bio medical waste generated in the hospital and medical center are managed in accordance with the Biomedical waste Management Rules, 2016. Chemical Management Policy is available to manage the Laboratory chemicals. E-waste management is adopted in accordance with E waste Management Rules 2016. Solid Waste Management is carried out as per solid waste Management Rules 2016. Waste water treatment is

approved and audited periodically by Tamil Nadu Pollution Control Board.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices for Moodle Title of the Practice: Promotion of Blended Learning at Sri Ramachandra Institute of Higher Education and Research by integration of e-learning and ICT via MOODLE based Learning Management System (LMS). The Context: In 2015, the need for a robust LMS to support educational activities of the University was identified. In 2016, a dedicated 2 TB IBM server was installed to host the full fledged MOODLE LMS. Faculty members undertook online training to operate the LMS. Preparation of e-content for use on LMS posed another challenge. While faculty was familiar with Power Point presentations, they were not trained to produce interactive e-content for the LMS. Multimedia Studio was not available for preparation of audio, video and other multimedia content. Constraints Limitations: (i) To ensure safety of academic content and access to third parties, it was envisaged at the start of this project to have all content hosted on own server. A dedicated 2 TB IBM server was procured. (ii) LMS Customisation and integration was performed to allow bonafide students to have a single click access to the e-learning site through e-governance portal. The Practice: The MOODLE based LMS introduced in 2017 has enabled seamless integration of blended learning into the 'Teaching - Learning process' at many Universities internationally. At present, very few Health Service institutions use it in India. Training of Faculty in MOODLE site administration and course administration: At SRIHER, a 4-week module (40 hours) on 'hands - on training' on 'Site administration' for 2 faculty members each from Pre and Para clinical Departments was conducted in September 2016. This was followed up by another 2 weeks 'hands on' course (20 hours) on 'Course Administration. Training of faculty in preparation of e-content: All faculty members of Pre and Para clinical phases have undergone training (30 hours of 'hands on training') in the use of Rapid Authoring Tool - Knowledge presenter Pro Version XII. Hiring of Graphics and Animation Support Staff: Two software personnel specialised in development of graphics, images and animations were appointed. Creation of AV studio for preparation of e-content: SRIHER is a participant of the NPTEL - Swayamprabha project (Health Sciences) of IITs with funding from Ministry of Human Resource Development since 2017. With the support of this project, a Video Recording Studio was set up within the campus. A Videography and Production Technician has been employed. Video lectures of eminent teachers from all over India and abroad are recorded in this studio. While initial lectures were recorded with help from supporting staff provided by IIT Madras, the studio is now fully self sufficient in terms of infrastructure and trained manpower. The studio is also used for video recording of lectures of faculty members of our University. The recorded video lectures are hosted on the MOODLE LMS. So far, (2017 to 2019) 42 lectures have been hosted on the LMS platform. Training has been imparted to 161 faculty members to conduct Video recordings in the studio. Blended Learning (BL) Courses: Since January 2018, 06 courses of Blended Learning have been conducted as part of Faculty Development Program. Each course is of one-month duration and contains a mix of 'online learning' and 'face to face' contact sessions. The online component of the course is held on the MOODLE LMS where all participants are provided access to various learning materials in the form of PDF documents, videos and internet content via URLs. Participants are required to undertake online assignments which are subsequently graded by the teaching faculty. Evidence of Success: Faculty impact and feedback: 161 educator's faculty of the university were trained in Blended learning over a period of 14 months during the years 2018 - 2019. There was a statistically significant improvement in various knowledge components of Blended Learning. 85 of the respondents were ready to use online discussions and assessment as part of

their routine teaching activity. Active engagement of learners during the 'face to face' session using digital tools is another aspect of the Blended Learning that the participants were ready to adapt. MOODLE site administration team: Education Technologist MOODLE Site Administrators Notes for implementation of this Best practice at other Institutions (Faculties). The technical and infrastructural requirements recommended are: Dedicated website for e-learning is an inescapable requirement MOODLE integration and customisation to be conducted as applicable. Other LMS like Canvas, Blackboard, Instructure, Desire2learn etc can also be used. Availability of High-speed Broadband Wi-fi facility on campus and in classrooms is a must for successful implementation of e-learning into teaching-learning methods. Frequent faculty development programs for Training of faculty in MOODLE site administration and usage. Training of faculty in e-content development with help of rapid authoring tools and other software. Provision of AV studio with requisite infrastructure and trained manpower to conduct audio/video recordings for preparing e content. Technical Support team for making graphics, animations and other multimedia. Education technologist and MOODLE site administrators may be employed. Best Practices for Examination System 1. Title of the Practice Automation Management System for Evaluation workflow 2. Objectives of the Practice: To provide an IT enabled scalable, reliable and seamless student assessment management system for • Streamlining course evaluation process • 'OnScreen' Central assessment process • Role based authorized evaluations • Publication of results • Providing Customizable seamless communication platform • Quality assurance and continuous improvement 3. The Context: The institution grew from about 99 programs offered in 2013-2014 to 150 programs by 2019. Both the number of theory courses (centrally conducted exams) and student strength in each program increased. For instance, courses increased about 3-fold and evaluated scripts increased 2.3-fold. Documenting student progression and assessing the outcomes achieved within the same time frame required an improved system that was user friendly, transparent and flexible. The entire process evolved for accommodating structural changes and new policies: i. Introduction of CBCS curriculum (21) in April 2015, new programs and major revisions in over 25 other programs: Simultaneous restructuring of schemes for curriculum and examinations for 21 in 2015 and 45 in 2018 programs, generating student - specific examination profiles (electives/ specialties), scheduling time- bound, data input and tracking the performance of students (as per the UGC mandate) increased its complexity ii. The attractive, credit-based curriculum, eligibility regulations to appear for exams and grading system for diverse programs was adapted from CBCS iii. Change in the name of the institution as per Notification No. F.9-15/93-U.3 (Pt.1) dated 08.08.2018 of the MHRD, Govt. of India, necessitated a change in all our documentations. Workflow of the Course Evaluation Software involved all stakeholders- viz., students, departments, faculty, academic sections, CBCS office and CoE and was implemented within 3 months before the first session of examinations in December 2015. 4. The Practice: The Custom-built E-MIS [COE- MIS] is a versatile, purpose -built software, created over the past FOUR years (2015-2019) to seamlessly connect between the user departments and the office of CoE. Annually assessments (by external internal evaluators) for 3097 theory courses, about 200 practical/ clinical courses and 100 rotation/ training are conducted. The process algorithm and the EMS (Fig. 1 upload, ppt) architecture were designed to capture the assessments electronically and in real-time defined as a three-stage process. The Process is explained with an example of CIA. Continuous internal assessments (CIA) for each course in a program is designed to test knowledge, skills, learning abilities, soft skills and competencies as a measure of the course outcomes and forms the Formative Assessment component. Components can be as varied as Sessional Test on-screen quiz and MCQs for instant report Seminar Journal club Creativity Exercise Role plays or Review cum assignment and Structured evaluations of the Internships/ clinical

rotations. For Projects/ dissertation, continuous assessments include presentations reviews, proposal submissions ethical clearance etc. For the ~3097 theory courses (2018-2019), the CIA evaluation inputs are received on a synchronous platform prior to the start of examinations by "Role based authorized evaluations". CIA, for the ~6580 students are obtained from the HoDs (reentry of data avoided) using the intranet-based MIS working on the Client-server architecture. Eligible students are issued downloadable hall tickets (99) on their portal log-in ids (web based digicampus portal). The new system, enabled introducing the course-wise eligibility for the summative assessments for the first time. It was useful to also identify slow learners and cater to their needs. We extended this application to practical/ clinical sessions during the exams authorizing the appointed examiners ('role-based') to provide the attendance and marks obtained by a student which is immediately transferred for results processing. This significantly reduced totaling errors/ erroneous entries or incomplete evaluations which we encountered during the earlier phases. COMMUNICATIONS PLATFORMS CREATED: This year (2017-2018) we also linked these data to enable student services through their student log-in (digicampus portal- mobile based application layer- outsourced). 5. Evidence of Success: Such an E-MIS established the credibility of the process and coped with sudden increase in complexity of the entire process. The applications developed above Caters to Diverse Needs (REFER ADDITIONAL DATA UPLOAD) This application ensured timely receipt of formative assessments.

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

<http://elearning.sriramachandra.edu.in>

7.3 – Institutional Distinctiveness

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

Portray the performance of the Institution in one area distinctiveness of priority and thrust within 1000 words

Emergence of Quality in Patient Safety

Patient Safety is multidisciplinary which encourages continuity of care through well-defined policies and processes by developing strategies, guidelines, plans and providing safe and effective care of the highest quality and value. Sri Ramachandra Medical Centre promotes and preserves the highest standards of quality and ethical values in patient care, education, training and research.

To continuously improve, we steadily focus on Quality management plan and monitor the various services through quality indicators across various clinical services provided for the patient care. Quality indicators are tools used to measure system performance, to demonstrate if the improvement efforts have led to desirable change or contributed to unintended results. Here at SRMC, we have developed patient-centered quality indicators (PC-QIs), these QI based models have been monitored since 2009 to enhance positive patient experiences and improved outcomes, such as increased adherence to care and treatment. The Quality Indicators (QIs) consist of 728 indicators (including clinical and managerial) developed by the Department of Quality in co-ordination with Quality Improvement and Patient Safety Team (QIPST) to monitor, analyze and optimize operational processes, standardization of trainings, patient satisfaction and also for comparative reporting and continuous quality improvement at the organization level. Priority areas for quality improvement were (1) Patient assessments continuity of care (2) Standardization of processes (3) Patient safety (4) Facility safety (5) Patient experience (6) Implementation of clinical and best practice guidelines (7) Specialty Nursing

Snapshot of few patient safety Quality Indicators

Antibiotic Utilization:

Inappropriate antibacterial treatment and overuse of antibiotics have contributed to the emergence of antibacterial-resistant bacteria. Widespread

usage of antibacterial drugs in hospitals has also been associated with increase in bacterial strains and species that no longer respond to treatment. Measure: The indicator is calculated as the total antibiotic dosage given to all in patients for a month as numerator and the no. of inpatient bed days in a month as denominator. Benchmark - 82.59/100 occupied bed days Performance: The compliance level for antibiotic usage was at 54.39 for the year 2009 and was 57.2 in 2014 and has been improved to 51.62 in 2015, 50 in 2016, and 48.52 in 2017 and further improved to 42.83 in 2018. Challenges faced: Prevalence of multidrug resistance organisms, unable to establish diagnosis, unstable and critical patients. Sustenance strategies: The efforts made towards minimizing antibiotic utilization were introduction of Restricted Antibiotic forms, major role was discussing with departments for strict adherence to Antibiotic policy through in-house trainings. Ventilator Associated Pneumonia (VAP): Ventilator-associated pneumonia is a lung infection that develops in a person who is on a ventilator. A ventilator is a machine that is used to help a patient breathe by giving oxygen through a tube placed in a patient's mouth or nose, or through a hole in the front of the neck. An infection may occur if germs enter through the tube and get into the patient's lungs.

Provide the weblink of the institution

<https://www.sriramachandra.edu.in/university/pdf/igac/quality-in-patient-safety.pdf?pos=7>

8.Future Plans of Actions for Next Academic Year

The Vision and Mission statement of the DU are the foundation, based on which every strategic plan is developed. In addition to the Vision and Mission statements, the vision statement, institutional goals, and values statement, constitute the supporting documents for formulating and implementing the strategic plan. The mission document evolved by the Founder of the Institution clearly sets forth that Sri Ramachandra Institute of Higher Education and Research will actively promote and preserve the highest values and ethics in education, health care and research and will pursue excellence in all these areas. Turning goals and objectives into a strategic plan is the roadmap for its implementation. The implementation plan is quality monitored and updated as and when required to respond to national and international demand with the approval of the Board of Management, Planning and Monitoring Board and other statutory committees. The most important aspect of the implementation plan is identifying the resources for each of the goals proposed. Resources for implementing the strategic plan include well-trained personnel, time, space, infrastructure and extramural funding among other things. All the stake holders are involved in formulating the strategic plan through University Council, College Councils, University Development Committee and the University Advisory Council and above all external experts from relevant domains who are members of the Planning and Monitoring Board, Board of Management, Research Development and Monitoring Board and Academic Council. Monitoring of the strategic plans developed and implemented ingrained in the academic and administrative culture of SRIHER (DU). One of the examples of the strategic plans with futuristic vision is the document prepared and submitted to MHRD, Govt. of India titled, and 'Proposal for Institution of Eminence status during 2017-18'. The proposed fifteen year strategic plan comprising an academic plan showing proposed courses and a research plan focussing on current thrust area(s) of expertise. This projected an overall 5 years developmental plan in education, holistic healthcare and research. In education it is to start new faculties in the field of Technology, Liberal arts and Languages, Humanities and social science, Ayush, Integrated medicine and Agriculture. In order to fill the current workforce gap in health care, SRIHER (DU) has proposed courses for school of skills and entrepreneurship in accordance with the standards stipulated by National Skills Qualification Framework (NSQF). Further in research, SRIHER (DU) has proposed to establish Research and

Development centre for Regenerative Medicine and stem cell based organ transplants and SRIHER centre for pre-clinical and translation medical research for metabolic, genetic and communicable diseases. This initiative will enable break-through inventions to alleviate the sufferings of millions in due course. Accordingly, unmindful of the outcome of the proposal grant, SRIHER (DU) has already launched the Faculties of Engineering Technology, Clinical Research, Sports Exercise Sciences and establishment of Faculty of Integrative Medicine and Wellness is in process. SRIHER (DU) has travelled thus far in its quest for excellence in education, healthcare and research evidenced by the laurels, awards and recognitions bestowed upon the Deemed to be University.