



Yearly Status Report - 2019-2020

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	Sri Ramachandra Institute of Higher Education & Research (DU) No.1, Ramachandra Nagar, Porur
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/aqar.php?pos=7																														
4. Whether Academic Calendar prepared during the year	Yes																														
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.sriramachandra.edu.in/university/student-manual.php?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>1</td> <td>A</td> <td>3.52</td> <td>2009</td> <td>29-Jan-2009</td> <td>23-Sep-2014</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.62</td> <td>2014</td> <td>24-Sep-2014</td> <td>20-Mar-2020</td> </tr> <tr> <td>3</td> <td>A++</td> <td>3.53</td> <td>2021</td> <td>25-Jan-2021</td> <td>24-Jan-2028</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.52	2009	29-Jan-2009	23-Sep-2014	2	A	3.62	2014	24-Sep-2014	20-Mar-2020	3	A++	3.53	2021	25-Jan-2021	24-Jan-2028
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3	A++	3.53	2021	25-Jan-2021	24-Jan-2028																										
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 of National Education Policy to the stakeholders of the university	15-Jul-2019 2	38
Sensitization of quality metrics of NIRF	09-Nov-2019 2	7
e-SSR Submission Workshop	13-Jan-2020 8	14
Sensitization of quality metrics of NAAC for the stakeholders	14-Jan-2020 2	61
Awareness on the quality aspects of ISO Certification	10-Feb-2020 2	60
Webinar on best practices by higher education	28-May-2020 3	1382
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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 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	2016 5	438500
Central Research Facility (Faculty of Clinical Research)	Pfizer preferred Research Centre	Pfizer India Ltd., Mumbai	2018 1	531900
Department of Human Genetics	Biodosimetry-Referral Centre	Atomic Energy Regulatory Board (AERB), Govt. of India	2014 1	4815000
Medical 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	735600
Department of Sports Sciences	BCCI accredited center and	Board of Control for	2014 5	9170500

<p>& Sports Medicine</p>	<p>Rehabilitation Academy</p>	<p>Cricket in India (BCCI)</p>		
<p style="text-align: center;">View File</p>				
<p>9. Whether composition of IQAC as per latest NAAC guidelines:</p>		<p>Yes</p>		
<p>Upload latest notification of formation of IQAC</p>		<p style="text-align: center;">View File</p>		
<p>10. Number of IQAC meetings held during the year :</p>		<p>1</p>		
<p>The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website</p>		<p>Yes</p>		
<p>Upload the minutes of meeting and action taken report</p>		<p style="text-align: center;">View File</p>		
<p>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</p>		<p>No</p>		
<p>12. Significant contributions made by IQAC during the current year(maximum five bullets)</p>				
<p>Preparation and Submission of reports to NIRF for Medical, Pharmacy, Dental and University</p>				
<p>Feedback formats (students, employers, faculty, professional & alumni) revised and made available online through SRIHER portal.</p>				
<p>Updation of Evaluative Report of each department through the online mode</p>				
<p>ISO certification for Internal Quality Assurance Cell (IQAC)</p>				
<p>Webinars on quality aspects organised</p>				
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<p>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</p>				
<p style="text-align: center;">Plan of Action</p>		<p style="text-align: center;">Achivements/Outcomes</p>		
<p>Creation of online department Evaluative form, to collect data from the department</p>		<p>Collated data obtained from all departments for the preparation of SSR</p>		
<p>Analyze status of progress as outlined in SRU Vision 2025 document</p>		<p>As per the SRU VISION 2025 document, the University started Faculty of Engineering and Technology with</p>		

	specialties in emerging areas.
Collection of data for NIRF report	Preparation and submission of NIRF 2020 for Overall, University, Medical, Pharmacy and Dental
Sensitization of IQAC core committee members - criteriawise to prepare Qualitative and Quantitative metrics of SSR of Health Science manual of NAAC	Awareness programs on new Health Sciences Manual
Revised website updation format and circulated to all departments NAAC cycle 3 accreditation process.	Website updated
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
General Body Meeting	14-Oct-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
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Date of Visit	12-Mar-2020
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2020
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Date of Submission	10-Mar-2020
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The Continuous improvements made in Management Integrated System at SRIHER. The software modules Key Features enhanced during the period 2019 20 in given below. Planning and development 1. Minutes of the Meetings are uploaded and made available in authorised logins for Planning and Development committee ,University Development committee, University Advisory Committee, Vision 2025, Planning and Monitoring Board etc.,. 2. IQAC module captures individual departmental evaluation forms and the reports. Library 1. Upgraded the Moodle platform with new features for all faculty, Library
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Management System are linked with Portal 2. Upgraded the Learning management system platform with new features for all faculty's, interfaced with Gsuit. IT 1. Employee Training Module features also added to provide the training to the newly joined and existing Staff. 2. Teleconsultation auto login linked with Consultant's Logins 3. Online application for UG, PG, and Ph.D. students with payment gateway integrated and admission process is available on the portal. 4. Software regarding requests for the Service of Photographer and Transport, Hall booking for the events and design for brochures, certificates, invitations, etc. 5. Mobile App Features for both Android and IOS For Teaching Faculty/ Staff: • The teaching and nonteaching staff can send their leave request followed by approvals are by the HOD in line with the internal process • Salary slips are made available upon completion of each payroll • Attendance log in is registered on the portal in line with the data captured by the biometric machine. • Birthday Reminder, Form 16, Circulars notifications are enabled • Upcoming event highlights and news displayed and notified through the mobile app for easy access and information. For Students: • Attendance log of students as captured by biometrics and available on the portal for validation. • Timetables viewing are enabled • Hall tickets are available for the students to ease out their physical presence. • New features like Birthday Reminders, Student Manual, Circulars notifications are enabled • Students can be able to view the documents related to University Policies • Chat option enabled to chat with peer group Students. • Upcoming event highlights and news can be displayed and notified through the mobile app for easy access and information. Examination process 1. Developed new eSANAD software for the Certificate verification Process. 2. It is linked with payment gateway for the alumni students. Students will upload the documents in the portal and the documents are verified by our nodal officer through online and submit it to the esanad website 3. We introduced

online application and examination for the Ph.D. students. Hospital 1. Incident report form and COVID related Information enabled in Portal Login 2. Revamped the dashboard with additional features 3. Implemented e Teleconsultation facility for effective patient care.

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
BOptom	A04	Optometry	09/07/2019
MOptom	A34	Optometry	09/07/2019
MPH	H01	Occupational and Environmental Health	09/07/2019
BSc	A08	Medical Microbiology and Applied Molecular Biology	09/07/2019
BSc	A06	Clinical Nutrition	10/07/2019
MSc	A27	Clinical Nutrition	10/07/2019
BSc	H21	Environmental Health Sciences	09/07/2019
BSc	C01	Clinical Research	10/07/2019
MSc	C21	Clinical Research	10/07/2019
BSc	A01	Aillied Health Sciences	07/12/2019

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

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MSc	Mind-Body and Lifestyle Science	18/07/2019	A39	18/07/2019
BTech	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	31/07/2019	E01	31/07/2019

BTech	Computer Science and Engineering (Cyber security and Internet of Things)	31/07/2019	E02	31/07/2019
BSc	Radiotherapy Technology	07/08/2019	A13	07/08/2019
MSc	Respiratory Therapy	07/08/2019	A37	07/08/2019
DM	Cardiac Anesthesia	16/09/2019	M60	16/09/2019
DM	Hepatology	16/09/2019	M62	16/09/2019
DM	Clinical Immunology and Rheumatology	16/09/2019	M61	16/09/2019
DM	Endocrinology	16/09/2019	M59	16/09/2019
MCh	Hand Surgery	16/09/2019	M76	16/09/2019
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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
MSc	Clinical Psychology	07/08/2019
MSc	Respiratory Therapy	07/08/2019
MSc	Medical Psychology	07/08/2019
BSc	Radiotherapy Technology	07/08/2019
MSc	Clinical Research	31/07/2019
BTech	Computer Science and Engineering (Cybersecurity and Internet of Things)	31/07/2019
BTech	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	31/07/2019
MSc	Mind-Body and Lifestyle Science	18/07/2019
BSc	Clinical Research	16/07/2019
BSc	Applied Psychology	31/07/2019
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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
BSc	Applied Psychology	31/07/2019

BSc	Clinical Research	16/07/2019
MSc	Mind-Body and Lifestyle Science	18/07/2019
MSc	Clinical Research	31/07/2019
BSc	Radiotherapy Technology	07/08/2019
MSc	Respiratory Therapy	07/08/2020
MSc	Clinical Psychology	07/08/2019
MSc	Medical Psychology	07/08/2019
MSc	Applied and Regulatory Toxicology	07/08/2019

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
Sri Ramachandra Annual Rapid Review Course (SPARRC)	03/01/2020	8
Revision Course for OBGYN Post Graduates (OG Quest)	06/01/2020	9
Annual Rapid Review Course -SURGERY	27/01/2020	17
Sri Ramachandra Continuning Orthopaedic Revision Education (SCORE)	02/02/2020	11
Personal and Professional Enhancement Program	02/05/2020	115
Herbal Drug Technology	06/06/2019	54
Basic Epidemiology, Statistics, SPSS and Critical Appraisal	27/08/2019	122
Finish Line	09/03/2020	3
Rapid Review and Revision Course in Periodontology and Implantology (RRRCP)	12/02/2020	12
Ramachandra Orthodontic Accelerated Review (ROAR)	07/04/2020	12
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MPT	Physiotherapy awareness camp on 20.7.2019 at Karunakarancherry,	8

	Thiruvallur Dist.	
BPT	"fall risk reduction and promotion of physical fitness "at Little Drops old age home fitness "at Little Drops old age home, Iyyappanthangal on 24.7.2019	68
BSc	Field visit to Institute of Mental Health, Kilpauk, Chennai on 17.2.2020 & 24.2.2020	132
BPT	Environmental health Engineering organized a field visit to VRINDHAVAN ashram at Sri Ramachandra mission at Thirupachur on 28.09.19	24
MPharm	Dissertation on "Performance evaluation of OENC and its phytoactives" by Ms. Tabitha Jupudi in the discovery science group of research and development center , Himalaya drug company, Bengaluru	1
Pharm D	PHARMACEUTICAL INDUSTRY VISIT - Micro therapeutic Research lab, Chennai on 3.7.2019	27
BPharm	Pharmaceutical Industry visit - Sai mirra Inno Pharm Pvt ltd, Chennai on 6.12.2019	100
BPharm	Pharmaceutical Industry visit -The madras Pharmaceuticals, Chennai on 7.12.2019	56
Pharm D	Pharmaceutical Industry visit -Prim Pharmaceutica ls, Kancheepuram on 13.12.2020	20
MPharm	Pharmaceutical Industry visit- Apex laboratories, Chennai on 4.1.2020	15
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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

At SRIHER, we recognise the importance of feedback as part of the teaching learning cycle, and aim to maximise the effectiveness of its use in practice. IQAC with the faculty education units and College Quality Cells have been collecting online feedback from professionals, students, faculties, employers and alumni. Feedbacks collected were analyzed and the higher values requiring improvement were taken for consideration and follow up action. The action taken report and the impact on feedback analysis for the academic year 2019- 2020 is provided below. Feedback received from students specified the need for bedside teaching, interdisciplinary teaching, role play, group discussions and project-based learning. Based on the recommendation Students were exposed to various levels of preclinical work and hands-on practice of patient care procedures. Students participate in interdepartmental discussions and present in journal clubs, seminars clinical society meetings. They present scientific papers at conferences. UG and PG students are provided trainings to enhance competency in skills labs/cadaver lab-based education. Generic electives are offered across disciplines through CBCS to enhance interdisciplinary learning. Project-based learning is introduced to instil analytical and creativity skills. Feedback received from employers insisted that, students should develop the ability to work as team. It was recommended to MEU/ Placement cell to introduce value added courses for inculcating the ability to work as a team. Based on the recommendation value added courses, Personal and Professional Enhancement Program, participating in health camps, visit to healthcare institutions were organised. Feedback received from faculty recommended to have a policy to develop new curriculum as well as revision of existing curriculum. SRIHER has well-defined curriculum development policy to ensure alignment of all program/course outcomes as per the norms of Statutory and Regulatory bodies. The institution follows a three-tier system of curriculum development comprising of collation of feedback from various stake holders at first level followed by enriching the curriculum by members of Boards of Studies and then approval by the Academic Council. Feedback from alumni indicated that programmes which address the needs of the public /society to be introduced. New programs, value added course, rapid review programs under each faculty were introduced. Impact analysis on the action taken report showed an improvement in the performance of the students in the formative examinations. Improvement in pass percentage in summative examination to 91.12. 50 of UG 75-85 of PG and super-specialty courses focus on experiential learning at the bedside of patients. Pharmacy students underwent internship training in industries, communities, herbal medicinal garden. Management students underwent summer training in various hospitals, consultancies and corporates. Nursing students visited old age and children's homes, public and mental health institutes. 5585 students got benefitted by elective courses under CBCS program. PG and interns participate in mortality, morbidity meetings - provide opportunities for interdisciplinary discussions. Mentoring program ensured that 100 students submitted assignments on time. More than 25 new programs were introduced and curriculum was revised for 39 programs. Introduction of new value added, professional development courses showed an improvement by 25 in placement cell input.

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
MPhil	ALLIED HEALTH SCIENCES	8	83	8
MSc	ALLIED HEALTH SCIENCES	10	511	5
MOptom	ALLIED HEALTH SCIENCES	10	511	15
MSc	ALLIED HEALTH SCIENCES	12	62	12
MSc	ALLIED HEALTH SCIENCES	12	62	12
MSc	ALLIED HEALTH SCIENCES	15	511	1
MSc	ALLIED HEALTH SCIENCES	3	511	3
MSc	ALLIED HEALTH SCIENCES	3	511	4
MPT	PHYSIOTHERAPY	4	511	4
MSc	HUMAN GENETICS	25	511	25

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	5585	1784	721	721	721

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
721	721	12	372	268	13

[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 functioning effectively in all the programs of Sri Ramachandra Institute of Higher Education and research. All the students during the first day of the admission into the program are being introduced to the

mentoring program. The objectives of mentoring include facilitating 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 within 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 also 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 expectations, their interests 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 prioritized 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. If a student has difficulty in interacting with mentors and peers they are advised to seek psychological counselling. Online mentoring program is also conducted on one-to-one basis in situations like the current pandemic,

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
7369	721	1:10

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
721	721	Nil	89	702

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
2020	Dr. T. Periasamy	Professor	SWORD OF HONOUR, AC Foundation -Canada
2020	Dr. Karthikeyan	Assistant Professor	MEMBER OF WORLD ASSOCIATION OF LAPAROSCOPIC SURGEONS
2020	Dr. J. Srikanth	Assistant Professor	Herbal Medicated Mask Round 0 of Mega online Challengee

			SAMADHAN and was selected in top 200 out of 2500 entries by Ministry of Human Resource Development (MHRD's Innovation Council) AICTE, InnovatioCuris and FORGE
2020	Dr Sanjeeva Reddy	Professor	Nominated as a member in Specialist Board of DNB FNB in discipline of Reproductive Medicine
2019	Dr R. Ramya	Professor	The Examinations Committee of The Royal College of Surgeons of Edinburgh-IMRCS Part B OSCE Examination
2019	Dr.Saravanan S	Professor	Fellow of American College of Surgeons (FACS)
2019	Dr.Rajasenthil V	Associate Professor	Fellow of American College of Surgeons (FACS)
2019	Dr.Parimuthukumar	Associate Professor	Fellow of American College of Surgeons (FACS)
2020	Dr Arumugam	Professor	Sportstar ACES 2020 - The Hindu Group Best University for Promotion of Sports Sportstar ACES
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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
MCh	M67	Final Year	20/07/2019	03/08/2019
MCh	M66	Final Year	27/07/2019	25/02/2020
MBBS	M01	(I, II)	10/08/2019	11/03/2020

MCh	M68	Final Year	02/08/2019	03/08/2019
MD	M21	Final Year	25/11/2019	30/11/2019
MS	M41	Final Year	25/11/2019	30/11/2019
MS	M42	Final Year	23/11/2019	30/11/2019
MD	M22	Final Year	25/11/2019	30/11/2019
DM	M56	Final Year	30/07/2019	03/08/2019
DM	M57	Final Year	27/07/2019	03/08/2019

[View File](#)

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
66	5683	1.16

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)

http://digicampus.sriramachandra.edu.in/webroot/uploads/weblinksfiles/2.6.12021_05031143272.6.1.docx

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
M67	MCh	Urology	3	3	100
M68	MCh	Cardio Vascular And Thoracic Surgery	2	2	100
M57	DM	Neuro Radiology	1	1	100
M56	DM	Neonatology	1	1	100
M55	DM	Critical Care Medicine	1	1	100
M72	MCh	Reproductive Medicine and Surgery	2	2	100
M54	DM	Medical Gastroenterology	3	3	100
M53	DM	Nephrology	3	3	100
M52	DM	Neurology	3	3	100
M51	DM	Cardiology	2	2	100

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2.7 – Student Satisfaction Survey

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

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

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
International	Dr. Akila. V	UC Berkeley Morris Fellowship	15/12/2019	California University - Morris Fellowship for the advancement of public health in India
International	Ms. Lavanya	UC Berkeley Morris Fellowship	15/12/2019	California University - Morris Fellowship for the advancement of public health in India
International	Dr. Bhanupriya	UC Berkeley Morris Fellowship	15/12/2019	California University - Morris Fellowship for the advancement of public health in India
International	N. Vanitha Rani	Asian Conference of Pharmacoepidemiology sponsorship	10/11/2019	12th ACPE conference held from 11-13 October, at Kyoto, Japan
International	Dr.J.Srikanth	ICLAS-CALAS Scholarship Award for Young Investigators in Laboratory Animal Science	23/09/2019	Laboratory Animal Science, China
International	Dr. S. Anandan Diploma in Fellowship FRCP(Glasg)	ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF GLASGOW	22/03/2019	University of Glasgow
International	Dr Elengkumaran S	Global Online fellowship in Head and neck Surgery and	15/11/2019	International Federation of Head Neck Oncologic

		oncology		Societies
International	Dr. Annapurna K.	Diploma of Membership in Orthodontics, Royal College of Physicians and Surgeons, Glasgow	30/09/2019	University of Glasgow
National	Dr. Santhi Silambanan	Advance course in Medical Education	14/11/2019	CMC, Vellore
National	Dr. K. Sowmya	Advance course in Medical Education	14/11/2019	CMC, Vellore
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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
Ms.J.Jayasutha	1095	Sri Ramachandra Institute of Higher Education and Research, Porur, Chennai
Ms.Ramya.Jonnalagadda	1095	Sri Ramachandra Institute of Higher Education and Research, Porur, Chennai
Dr. S. Manoharan	1095	Sri Ramachandra Institute of Higher Education and Research, Porur, Chennai
Ms.S. Bavadharani	1095	Sri Ramachandra Institute of Higher Education and Research, Porur, Chennai
Ms.K. Karthika	1095	Sri Ramachandra Institute of Higher Education and Research, Porur, Chennai
Ms.T. Shakthiya	1095	Sri Ramachandra Institute of Higher Education and Research, Porur, Chennai
Ms.G.Dhivya	1095	Sri Ramachandra Institute of Higher Education and Research, Porur, Chennai
Dr.Aruna	1095	Sri Ramachandra Institute of Higher Education and Research, Porur, Chennai

Ms.T.M.Vishnu Priya	1095	Sri Ramachandra Institute of Higher Education and Research, Porur, Chennai
Ms.Vemareddy Hemalatha	1095	Sri Ramachandra Institute of Higher Education and Research, Porur, Chennai
View File		

3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	365	Research Society for the Study of Diabetes in India	0.5	0.5
Minor Projects	365	Indian Association of Preventive Social Medicine	0.11	0.11
Minor Projects	365	Pharmacy Practice	0.11	0.11
International Projects	730	Society for Research in Child Development, USA	3.55	3.55
International Projects	365	University of Pennsylvanias India Research and Engagement Fund and Institute for the Advanced Study of India	34.86	34.86
Minor Projects	365	TamilNadu Pharmaceutical Sciences Welfare Trust	0.12	0.12
Minor Projects	365	TamilNadu Pharmaceutical Sciences Welfare Trust	0.1	0.12
Minor Projects	365	Pharmacy Practice	0.25	0.25
Minor Projects	365	Indian Association of Preventive Social Medicine	0.35	0.35

Minor Projects	365	Endocrine Society of Tamilnadu and Puducherry	2	2
View File				

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
RACE-2020, Workshop	Anaesthesiology	24/01/2020
New Vistas in Sports Medicine Webinar Series	Arthroscopy And Sports Medicine	23/04/2020
Basic Knee Arthroscopic Cadaver Workshop	Arthroscopy And Sports Medicine	03/08/2019
New Oral Anticoagulants - Is Monitoring Essential	Cardiology	12/07/2019
Clinical Implication from Trials and Guidelines in 2019	Cardiology	24/07/2019
The Recent Advance in Heart Failure	Cardiology	02/08/2019
Empowering T2DM Management Beyond HbA1c	Cardiology	16/08/2019
Management of Cyanotic Heart Disease with Emphysis of Fonton Procedure	Cardiology	16/09/2019
Practical Issues in the Management of AF with NOASCs	Cardiology	16/10/2019
DAPA in Heart Failure	Cardiology	01/11/2019
View File		

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
ICMR recognised centre for Covid testing	Dept. of Microbiology	Indian Council of Medical Research	27/05/2020	Institution
Best University for Promotion of Sports	Centre for Sports Science	FICCI- Federation of Indian Chambers of Commerce and Industry	11/12/2019	Institution
SWORD OF HONOUR	Dr. T.K. Periyasamy Cardiothoracic Surgery	IMA, Vellore AC Foundation Canada	15/02/2020	Teacher
Best	Centre for	Sportstar	26/01/2020	Institution

University for Promotion of Sports - Sportstar ACES	Sports Science, SRIHER	ACES 2020 -The Hindu Group		
Paul P. Taylor Award	Dr. M. S. Muthu, prof Head Pedodontics	American Academy of Pediatric Dentistry, USA	15/04/2020	Teacher
View File				

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Sri Ramachandra Innovation and Incubation Center (SRIIC)	Dean Research (SRIHER)	DBT -BIRAC	BioNest Bioincubator	Innovative ecosystem	02/01/2020
Sri Ramachandra Innovation and Incubation Center (SRIIC)	Ms. Chinmaya P Director CEO	Start - up Healthminds Consulting Pvt. Ltd.	Start - up Healthminds Consulting Pvt. Ltd.	Physical incubate	28/05/2019
Sri Ramachandra Innovation and Incubation Center (SRIIC)	Mr. Diwakaran Sryanarayanan , Director	Start - up M/s. AIMED Healthcare Private Limited	Start - up M/s. AIMED Healthcare Private Limited	Physical incubate	13/07/2019
Sri Ramachandra Innovation and Incubation Center (SRIIC)	Dr. Ankita Saikia Managing Director	Start - up M/s. Ignobilis Terrain LLP	Start - up M/s. Ignobilis Terrain LLP	Physical incubate	29/07/2019
View File					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Biochemistry	3
Nursing	2
Anatomy	1
Radiology	12
Pharmacology	5

Orthopaedics	11
Human Genetics	1
Bioinformatics	1
Periodontics	4
Biomedical Sciences	1
Conservative Dentistry Endodontics	5
Environmental Health Engineering	1
Pharmaceutics	1
Pathology	8
Pharmacy	3
Paediatric Dentistry	1
Speech Language Hearing Sciences	1
Biotechnology	1
Oral Pathology	2
Microbiology	4
Neurology	4
Anesthesiology	11
Cardio Vascular and Thoracic Surgery	2
Cardiology	2
Community Medicine	4
Dermatology	6
Forensic Medicine	2
General Medicine	11
General Surgery	16
Immuno Hematology and Blood Transfusion Medicine	2
Medical Gastroenterology	3
Neonatology	1
Nephrology	3
Neuro Surgery	1
Neuroradiology	1
Obstetrics Gynaecology	15
Ophthalmology	6
Otorhinolaryngology	6
Pediatrics	11
Plastic Reconstructive Surgery	2
Psychiatry	2
Reproductive Medicine And Surgery	2
Sports Medicine	2
Surgical Gastroenterology	2

Urology	3
Vascular Surgery	1
Oral And Maxillofacial Surgery	2
Orthodontics	4
Pedodontics Preventive Dentistry	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	4	0.66
National	Faculty of Medicine	8	0
National	Faculty of Medicine	7	0
International	Faculty of Medicine	2	1.74
National	Faculty of Medicine	8	0
International	Faculty of Biomedical Sciences, Technology and Research	11	2.21
International	Faculty of Biomedical Sciences, Technology and Research	7	1.89
National	Faculty of Medicine	1	0
International	Faculty of Medicine	6	8.21
National	Faculty of Medicine	4	0

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

Department	Number of Publication
Faculty of Dental Sciences	10
Medical College	45
Faculty of Biomedical Sciences	5
Faculty of Allied Health Sciences	2
Faculty of Clinical Research	1
Faculty of Public Health	1
Faculty of Pharmacy	2

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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Novel Anti-Cancer Peptide Dr. Arunasalam Dharmarajan	Filed	202041019495	08/05/2020
Cost-Effective Simulation Aid For Teaching Dr.Mohanapriya Thyagarajan	Filed	202041020651	15/05/2020
Herbal Drug Enriched Bioengineered 3d Scaffold Matrix For Wound Healing Applications, Dr.Mangathayaru Kalachaveedu	Filed	201941021865	03/06/2019
An Anti Oxidant And Anti Anxiety Activity Exhibiting Polyherbal Pharmaceutical Formulation And Method Of Preparation Thereof	Published	2308/CHE/2013	27/02/2020

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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
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 Balakrishnan., S Sambandam	The Lancet Planetary Health	2019	167	Faculty of Public Health	Nil
Unmanned	Sudhakar	Computer	2020	33	Faculty	Nil

<p>Aerial Vehicle (UAV) based Forest Fire Detection and monitoring for reducing false alarms in forest-fires</p>	<p>S., Vijaya kumar V., Sathiya Kumar C., Priya V., Ravi L., Subramaniya swamy V.</p>	<p>Communications</p>			<p>of Engineering and Technology</p>	
<p>Detection of Cracks and damage in wind turbine blades using artificial intelligence-based image analytics</p>	<p>Reddy A., Indragandhi V., Ravi L., Subramaniya swamy V.</p>	<p>Measurement: Journal of the International Measurement Confederation</p>	<p>2019</p>	<p>17</p>	<p>Faculty of Engineering and Technology</p>	<p>Nil</p>
<p>Quantifying risks and interventions that have affected the burden of lower respiratory infections among children younger than 5 years: an analysis for the Global Burden of Disease Study 2017</p>	<p>Bhutta, Zulfiqar A Balakrishnan, Kalpana Banoub, Joseph Adel Mattar</p>	<p>LANCET INFECTIOUS DISEASES</p>	<p>2020</p>	<p>17</p>	<p>Faculty of Public Health</p>	<p>Nil</p>
<p>The gas chromatography-mass spectrometry study of one ayurvedic pain</p>	<p>Sruthi Dinakar., Hassan Mohammad., Prabhu K., M Sathish Kumar., n Vijayalaks</p>	<p>Drug Invention Today</p>	<p>2019</p>	<p>16</p>	<p>Faculty of Clinical Research</p>	<p>Nil</p>

relieving oil "Karpooradi Thailam"	hmi., Mudiganti Ram Krishna Rao., Laks hmisundara m R					
Synthesis, anticancer evaluation and molecular docking studies of 2,5-bis(indolyl)-1,3,4-oxadiazoles, Nortopsentin analogues	Sreenivasulu R., Tej M.B., Jadav S.S., Sujitha P., Kumar C.G., Raju R.R.	Journal of Molecular Structure	2020	13	Faculty of Pharmacy	Nil
A preview of selected articles	Visweswaran, Malini Arfuso, Frank Warrier, Sudha Dhar marajan, Arun	STEM CELLS	2020	13	Faculty of Biomedical Sciences, Technology and Research	Nil
Quantifying risks and interventions that have affected the burden of diarrhoea among children younger than 5 years: an analysis of the Global Burden of Disease Study 2017	Bhutta, Zulfiqar A Balakrishnan, Kalpana Banoub, Joseph Adel Mattar	LANCET INFECTIOUS DISEASES	2020	13	Faculty of Public Health	Nil
Chrysin restores MPTP induced neuroinflammation,	Krishnamoorthy A., Sevanan M., Mani S., Balu M., Balaji	Neuroscience Letters	2019	11	Faculty of Clinical Research., Faculty of Clinical	Nil

oxidative stress and neurotrophic factors in an acute Parkinsons disease mouse model	S., P R.				Research., Faculty of Clinical Research	
Near infra-red polymeric nanoparticle based optical imaging in Cancer diagnosis	Perumal, Venkatesan Sivakumar, Ponnurengam Malliappan Zarrabi, Ali Muthupandian, Saravanan Vijayaraghavalu, Sivakumar Sahoo, Kaustuv Das, Amlan Das, Soumen Payyappilly, Sanal Sebastian Das, Subhasish	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY	2019	10	Faculty of Clinical Research	Nil

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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
Chrysin restores MPTP induced neuroinflammation, oxidative stress and neurotrophic factors in an acute Parkinsons disease mouse model	Krishnamoorthy A., Sevanan M., Mani S., Balu M., Balaji S., P R.	Neuroscience Letters	2019	10	11	Faculty of Clinical Research., Faculty of Clinical Research., Faculty of Clinical Research

Design and Rationale of the HAPIN Study: A Multicountry Randomized Controlled Trial to Assess the Effect of Liquefied Petroleum Gas Stove and Continuous Fuel Distribution	Thomas Clasen., Jaime Miranda., Kalpana Balakrishnan., John P Mccracken., Ghislaine Rosa	Environmental Health Perspectives	2020	9	12	Faculty of Public Health
Quantifying risks and interventions that have affected the burden of diarrhoea among children younger than 5 years: an analysis of the Global Burden of Disease Study 2017	Bhutta, Zulfiqar A Balakrishnan, Kalpana Banoub, Joseph Adel Mattar	LANCET INFECTIOUS DISEASES	2020	8	13	Faculty of Public Health
A preview of selected articles	Visweswaran, Malini Arfuso, Frank Warriar, Sudha Dhar marajan, Arun	STEM CELLS	2020	7	13	Faculty of Biomedical Sciences, Technology and Research
Synthesis, anticancer evaluation and molecular docking studies of	Sreenivasulu R., Tej M.B., Jadav S.S., Sujitha P., Kumar C.G., Raju	Journal of Molecular Structure	2020	6	13	Faculty of Pharmacy

2,5-bis(in doly1)-1,3 ,4-oxadiaz oles, Nort opsentin analogues	R.R.					
The gas chromatogr aphy-mass spectromet ry study of one ayurvedic pain relieving oil "Karp oradi Thailam"	Sruthi Dinakar., Hassan Mohammad., Prabhu K., M Sathish Kumar., n Vijayalaks hmi., Mudiganti Ram Krishna Rao., Laks hmisundara m R	Drug Invention Today	2019	5	16	Faculty of Clinical Research
Quantify ing risks and interv entions that have affected the burden of lower r espiratory infections among children younger than 5 years: an analysis for the Global Burden of Disease Study 2017	Bhutta, Zulfiqar A Balakrishn an, Kalpana Banoub, Joseph Adel Mattar	LANCET INFECTIOUS DISEASES	2020	4	17	Faculty of Public Health
Detection of Cracks and damage in wind turbine blades using artificial intelligen ce-based image analytics	Reddy A., Indrag andhi V., Ravi L., S ubramaniya swamy V.	Measurem ent: Journal of the Intern ational Me asurement Confederat ion	2019	3	17	Faculty of Enginee ring and Technology
Unmanned	Sudhakar	Computer	2020	2	33	Faculty

Aerial Vehicle (UAV) based Forest Fire Detection and monitoring for reducing false alarms in forest-fires	S., Vijaya kumar V., Sathiya Kumar C., Priya V., Ravi L., Subramaniyaswamy V.	Communications				of Engineering and Technology
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 Balakrishnan., Sambandam	The Lancet Planetary Health	2019	1	167	Faculty of Public Health.,
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Resource persons	97	197	140	154
Attended/Seminars/Workshops	420	1302	1002	333
Presented papers	324	779	765	80
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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	PCV-10-004 " - A Phase 3, Randomized, Double-blind study to evaluate the immunogenicity, Safety and	DiagnoSearch Life Sciences Pvt. Ltd.	2310222

	Tolerability of Serum Institute of India's 10-Valent Pneumococcal Conjugate Vaccine (PNEUMOSIL®) in Healthy Indian Infants.		
Clinical Trial Division	0978-17 A Randomized, Double Blind, Double-Dummy, Multi Center, Parallel, Phase III Study to Evaluate the Efficacy and Safety of Tacrolimus Lipid Tablets (Manufactured by Intas Pharmaceuticals Ltd) Compared to Prograf (Tacro	Lambda Therapeutic Research Ltd.	162000
Clinical Trial Division	SII-wHEXA/IN-02 "An Open label, Randomized, Active-controlled, Multi-centric phase II/III Study in Indian Toddlers and Infants to Assess the Immunogenicity and Safety of SIIPL HEXASIILTM (DTwP-HepB-IPV-Hib) Vaccine in Compar	DiagnoSearch Life Sciences Pvt. Ltd.	62125
Clinical Trial Division	Controlled, Multi-Center Study to Evaluate the Lot to Lot Consistency of SIIPL Meningococcal ACYWX Conjugate Vaccine (NmCV-5) and to Compare its Safety and Immunogenicity with that of Licensed Meningococcal ACWY Vaccine Menactra® in Healthy Individua	DiagnoSearch Life Sciences Pvt. Ltd.	4700688
Clinical Trial Division	SII-rBCG/COVID-19 /IN-01 A Multicenter, Phase Iii, Double-Blind, Randomized,	DiagnoSearch Life Sciences Pvt. Ltd.	2862

	Placebo- Controlled Study To Evaluate The Efficacy Of Recombinant Bcg Vpml002 I Reducing Infection Incidence And Disease Severity Of Sars- Cov- 2/C		
Clinical Trial Division	SAN-hMG-01 "A Prospective, Randomized, Open-Label, Controlled, Clinical Study to Compare the Clinical Efficacy and Tolerability of Two Highly Purified Human Menopausal Gonadotropin Preparations administered Subcutaneously i	Sciformix, A Covance Company	2310222
Clinical Trial Division	20387, XARIN A Real-World, Prospective, observational study to evaluate the safety and Effectiveness of Rivaroxaban (Xarelto®) for prevention of stroke and systemic embolism in Indian patients with Non-valvular Atrial Fibrillation (NVAF).	Bayer Zydus Pharma Private Limited	102
Clinical Trial Division	SRPL/DFU/18-19/001 Protocol Title: A Label extension, Randomized, Double Blind, Placebo Controlled, Multicentre, Single Dose, Phase III Study Assessing the Efficacy and Safety of Peri-ulcer Administration of stempeucel® (Adult Human Bone Marrow De	JSS Medical Research India Pvt. Ltd	6375
Clinical Trial	A Randomized,	Eli Lilly and	2048470

Division	Double Blind, Placebo-Controlled, Withdrawal, Safety and Efficacy Study of Oral Baricitinib in Patients from 1 Year to Less Than 18 Years Old with Systemic Juvenile Idiopathic Arthritis.	Company (India) Pvt. Ltd.	
Clinical Trial Division	A Phase 3 Multicenter Study to Evaluate the Long-Term Safety and Efficacy of Baricitinib in Patients from 1 Year to <18 Years of Age with Juvenile Idiopathic Arthritis (JIA).	Eli Lilly and Company (India) Pvt. Ltd.	468660
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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
Arthroscopy Sports Medicine	Biomechanics testing of bowling action- Mr.Deepak	Board of Control for Cricket in India	885	1
Environmental and Health Engineering	Area Heat Stress Measurement	JSW Steels Limited, Salem	18172	10
Environmental and Health Engineering	Bioaerosol mineral oil mist assessment	Hyundai Motor india Pvt Ltd, Sriperambudur	82246	12
Environmental and Health Engineering	Heat Stress Assessment	India Yamaha Motor Private Limited, Sriperambudur	92748	8
Environmental and Health Engineering	Work Place Monitoring	Indian Additives Limited, Manali	135228	12
Environmental and Health Engineering	Urinary Chromium assessment	Brakes india Pvt Limited, Polambakkam	31152	10
Environmental and Health Engineering	Occupational exposure assessment	Daimler India Commercial Vehicles Pvt. Ltd., SIPCOT Industrial Estate	1487	8

Environmental and Health Engineering	Work Environment monitoring at CPCL	Chennai Petroleum corporation Limited	1062	12
Arthroscopy Sports Medicine	Biomechanics testing of bowling action- Mr.Jesal Karia	Board of Control for Cricket in India	885	1
Arthroscopy Sports Medicine	Biomechanics testing of bowling action- Mr. Milind Kumar	Board of Control for Cricket in India	885	1
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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
World Diabetic Day	MEDICAL SURGICAL NURSING	6	100
Diabetic Foot care clinic	MEDICAL SURGICAL NURSING	25	Nill
SRMC RI Free Multispeciality Medical Camp, Melmalaiyanur Temple, Villupuram District	GENERAL MEDICINE	1	3
SRMC RI Free Multispeciality Medical Camp, Perungudi	GENERAL MEDICINE	1	2
Special Out Reach Camp, Sakthi Nagar UPHC	GENERAL MEDICINE	1	Nill
Founder-Chancellor Shri.N.P.V.Ramasamy Udayar Womens Wellness Screening Free Medical Camp, SGS Sabha, T.Nagar	GENERAL MEDICINE	1	2
SRMC RI Free Multispeciality Medical Camp, Puliyanoor village, Villupuram	GENERAL MEDICINE	1	2
Special Out Reach Camp, Nerkundram	GENERAL MEDICINE	1	Nill

UPHC			
Special Out Reach Camp, Madhuravoyal UPHC	GENERAL MEDICINE	1	Nil
Special Out Reach Camp, Shakthi Nagar, UPHC	GENERAL MEDICINE	1	Nil
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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
Water Conservation	Green Institutional Mentor	Mahatma Gandhi National Council of Rural Education	Nil
World Triathlon	World Triathlon event-Sports Medicine Coverage	World Triathlon	10
Health Camp	Govt. Polytechnic college camp, Purasavakkam	Govt of Tami Nadu	2
Coaches Squash Course	All India Squash Coaches Course	All India Squash Federation	10
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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
Special Out Reach Camp, Shakthi Nagar, UPHC	GENERAL MEDICINE	Special Out Reach Camp, Shakthi Nagar, UPHC	1	Nil
Special Out Reach Camp, Madhuravoyal UPHC	GENERAL MEDICINE	Special Out Reach Camp, Madhuravoyal UPHC	1	Nil
Special Out Reach Camp, Nerkundram UPHC	GENERAL MEDICINE	Special Out Reach Camp, Nerkundram UPHC	1	Nil
SRMC RI Free Multispeciality Medical Camp, Puliyanoor village, Villupuram	GENERAL MEDICINE	SRMC RI Free Multispeciality Medical Camp, Puliyanoor village, Villupuram	1	2
Founder-Chancellor Shri .N.P.V.Ramasamy Udayar Womens	GENERAL MEDICINE	Founder-Chancellor Shri .N.P.V.Ramasamy Udayar Womens	1	2

Wellness Screening Free Medical Camp, SGS Sabha, T.Nagar		Wellness Screening Free Medical Camp, SGS Sabha, T.Nagar		
Special Out Reach Camp, Sakthi Nagar UPHC	GENERAL MEDICINE	Special Out Reach Camp, Sakthi Nagar UPHC	1	Nil
SRMC RI Free Multispeciality Medical Camp, Perungudi	GENERAL MEDICINE	SRMC RI Free Multispeciality Medical Camp, Perungudi	1	2
SRMC RI Free Multispeciality Medical Camp, Melmalaiyanur Temple, Villupuram District	GENERAL MEDICINE	SRMC RI Free Multispeciality Medical Camp, Melmalaiyanur Temple, Villupuram District	1	3
Diabetic Foot care clinic	MEDICAL SURGICAL NURSING	Diabetic Foot care clinic	25	Nil
World Diabetic Day	MEDICAL SURGICAL NURSING	World Diabetic Day	6	100

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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
Internship in embryology	Gayathri P	Madras Medical Mission, Chennai	15
Animal Cell Culture Techniques	Harini V	Trichy Research Institute of Biotechnology	20
Hands on Biopharmaceutical Technique	Mohith. C	Biozone institute of lifesciences, Chennai	15
Student clinical observation and training for students from University of Toronto, Canada at the Dept of SLHS, SRIHER	Ms. Alyssa Waldner Ms. Alyssa Olsborne	Self Funding	30
Internship at Department of Biomedical Sciences, SRIHER	Shri Sai Prriya	Bharathidasan University, Trichy	150
Internship at	Gitanjali Sai	MAHE, Manipal	127

Department of Biomedical Sciences, SRIHER	Rachakonda		
Zebrafish Model	Dharani	Whizbang Bioresearch, Chennai	5
A to Z stem cells	Suchitra Magesh	Center for medical genetics, Kilpauk	1
Herbal Technology	Ezhilarasi D.R	Apex biotechnology Training and Research Institute	11
Animal Cell culture	Gayathri P	TRI-BIOTECH, Trichy	20
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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
Internship	Observational study in HR functions	SIMS	01/07/2019	31/07/2019	Jeyenthiran T
Internship	Training in hospital management	MIOT	01/07/2019	31/07/2019	Vedanagavalli Balakrishnan
Internship	Training on social media post	Y.R. Gaitonde Center for AIDS Research and Education	08/01/2020	11/06/2020	Benita
Sharing of research facilities	Animal Cell culture	TRI-BIOTECH	09/09/2020	29/09/2020	Gayathri P
Project work	Herbal Technology	Apex biotechnology Training and Research Institute	23/12/2019	04/01/2020	Ezhilarasi D.R
Project work	A to Z stem cells	Center for medical genetics, Kilpauk	17/06/2020	17/06/2020	Suchitra Magesh
Project work	Zebrafish Model	Whizbang Bioresearch	26/12/2019	02/01/2020	Dharani

Internship	Internship at Department of Biomedical Sciences, SRIHER	MAHE, Manipal	24/01/2020	31/05/2020	Gitanjali Sai Rachakonda
Internship	Internship at Department of Biomedical Sciences, SRIHER	Bharathidasan University, Trichy	03/12/2019	30/04/2020	Shri Sai Prriya
Internship	Student clinical observation and training for students from University of Toronto, Canada at the Dept of SLHS, SRIHER	University of Toronto, Canada	01/08/2019	31/08/2019	Ms. Alyssa Waldner
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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
Mediclone Biotech Private Limited	27/06/2019	Collaborative research	3
University of Glasgow, Scotland, UK	06/10/2019	Academic development	7
University of Hull, United Kingdom	02/08/2019	Health Sciences Education	2
Hoshschule Hannover - University of Applied Sciences and Arts, Faculty of Media, Information and Design, Germany	01/09/2019	Student Exchange for Community Medicine Program	3
Ecole Polytechnique Abomey-Calavi (EPAC), Benin	13/09/2019	Exchange / Research for Students/ Faculty and Twinning Programs	Nil
Indian Institute	05/10/2019	Research and	2

of Technology Madras, Chennai		academic collaboration	
The State University of New York at Binghamton, New York, USA	07/12/2019	Short courses, seminars, workshop and conferences, 3.51.5 Collaborative degree programs for B.Tech students. 32 Collaborative degree programs for B.Sc students.	Nil
Massachusetts College of Pharmacy and Allied Health Sciences(MCPHS) Boston, USA	20/12/2019	Faculty and Student Exchange, Joint Research Projects, Joint PhD supervision.	Nil
Asia Pacific University of Technology Innovation, Kualalumpur, Malaysia	21/01/2020	Exchange of students for a cour se/Programme/Traini ng/ Research. Exchange of faculty members Collaborative Research Joint	Nil
The University of Alabama at Birmingham	01/02/2020	Collaborative research academic exchange	Nil
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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
4696	4696

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	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
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 patially)	Version	Year of automation
In- house built software	Fully	2.1.1.106	2013

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	34053	18324255	577	1481549	34630
Reference Books	27361	49821457	1173	3007994	28534	52829451
e-Books	9	95000	1285	1732690	1294	1827690
Journals	400	354680554	349	29661575	749	384342129
e-Journals	156	49460848	1281	6372150	1437	55832998
Digital Database	11	17581758	15	1870002	26	19451760
CD & Video	5984	6806	Nill	159000	5984	165806
Library Automation	Nill	Nill	Nill	1011850	Nill	1011850
Weeding (hard & soft)	Nill	Nill	Nill	Nill	Nill	Nill
Others(s pecify)	Nill	Nill	2	1357215	2	1357215
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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.T.Srimathy	Anatomy, Moodle	SRIHER Moodle platform	05/11/2019
Dr.J.Pranu Chakkaravarthy	Anatomy, Moodle	SRIHER Moodle platform	08/11/2019
Dr.T.Vijayasagar	Anatomy, Moodle	SRIHER Moodle platform	06/06/2019
Dr.T.Vijayasagar	Anatomy, Moodle	SRIHER Moodle platform	03/07/2019

Dr.Anupriya	Anatomy, Moodle	SRIHER Moodle platform	03/07/2019
Dr.Rameshkumar	Anatomy, Moodle	SRIHER Moodle platform	02/08/2019
Dr.S.Vijayakumar	Anatomy, Moodle	SRIHER Moodle platform	05/09/2019
Dr.D.Kesavi	Anatomy, Moodle	SRIHER Moodle platform	08/09/2019
Dr.Anandarani	Anatomy, Moodle	SRIHER Moodle platform	05/10/2019
Dr.T.Muthukumar	Anatomy, Moodle	SRIHER Moodle platform	07/10/2019
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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	342	100	1	50	361	50	142	1320	0
Added	36	1	2	0	0	0	0	1752	0
Total	378	101	3	50	361	50	142	3072	0

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

3072 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/ , https://hselearning.sriramachandra.edu.in/moodle/course/index.php

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
4090	3752	1975	1792

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)

SRIHER (DU) has constituted a Safety and Utility Committee, one of the largest committees in the organization under the chairmanship of the Vice-Chancellor. It has 17 subcommittees comprising of 64 members to take care of different areas of the campus. For example, Medical College Subcommittee takes
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care of Medical college building and its safety thus, executing the activities of the committee. The committee meets on third Tuesday of every month and discusses about various issues raised by the subcommittees. 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. The Library Subcommittee takes care of the safety and other maintenance issues related to library. A yearly book audit is conducted across all faculties and departments to check the maintenance of books. A sub-committee will take care of sports complex and waste treatment and recycling plant. Bio-medical department will have on-line monitoring system of maintenance schedule of all the equipments. Laboratories: 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 underinsurance 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. There are structured preventive maintenance plans available for all equipments. All the non-medical equipment for Eg: Geysers are maintained by civil maintenance department. Breakdown calls are attended within the stipulated time and rectified as early as possible Logbook is maintained by all the utility departments. The time of receivable of breakdown call and the time taken for rectification are entered in the logbook. Well-structured time tables/schedules/log books and auditing are used to ensure optimum usage, of facilities and align with the processes. Turnaround Time (TAT) of the breakdown calls is one of the quality indicators maintained by the Departments such as AC, Electrical, Civil maintenance, Plumbing and Biomedical Engineering etc. Computers - The 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. The fire rescue licence was issued to SRIHER from the Tamilnadu Rescue Service Act 1985 for the year 02.12.2019- 01.12.2020. Their roles and responsibility is the periodic maintenance of all the fire protection equipment at SRIHER. The fire department at SRIHER conducts frequent MOCK drills for the training of the fire personals. Signage's and the emergencies exits during fires are frequently inspected.

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/ Freeship/ Fee waiver/ Fellowship	2387	124003810
Financial Support from Other Sources			
a) National	Inspire fellowship - DST, ICMR, GPAT, Prime Minister Special	99	27942227

	scholarship		
b)International	Visit to Cleave Land University, Ohayo	1	127097
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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
Simple yoga, bhastrika pranayama and Panchakosha Meditation- Webinar	03/07/2019	20	Dr Archana - Art of Living
Session on Introduction to Breath and Meditation	07/06/2020	120	Dr Archana - Art of Living
International Yoga Day - Webinar	21/06/2020	200	Ms.Manimegalai, PhD Yoga, Faculty of AHS, Dr Vijayalakshmi, Faculty of AHS Dr Archana - Art of Living
Yoga sessions	21/06/2020	40	Ms.Manimegalai, PhD Yoga, Department of AHS Department of Pathology, SRMCRI
Eat Right and Be right	10/01/2020	226	Department of Clinical nutrition Department of Mind, Body Medicine, SRIHER
English Language Communication training	01/07/2019	1595	Faculty of Allied Health Sciences, Sri Ramachandra University
CRRRI Orientation Programme	01/07/2019	180	SRMC, SRIHER
Workshop on Medical Bioinformatics	18/03/2020	26	SRMC, SRIHER
ResMEcon -2019 -Teaching Skills for Postgraduates	17/11/2019	13	Department of Physiology SRMC RI, SRIHER
RAPTS	08/07/2019	36	Department of Physiology, SRMC RI, SRIHER

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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 passed in the comp. exam	Number of students placed
2019	Career Guidance- Mr. Manikandan N. Director, ANN Physio Care Clinics, UK Faculty of Physiotherapy	Nil	80	Nil	Nil
2019	Career Development Course, Department of Community Health Nursing, Faculty of Nursing, SRIHER	Nil	98	Nil	Nil
2019	How to Prepare and Appear for NEET ?, Dr. S.K. Jagdish, Reader Department of Prosthodontics, Chettinad Dental College, Chennai	81	Nil	26	Nil
2019	Career Guidance Program- Mr. Sriram Kothandan, Director Of The Rehabilitation Services, Brook Side Multicare Centre, Smithtown, Newyork, USA	Nil	80	Nil	Nil
2019	What Is	96	Nil	Nil	Nil

	Usmle: A Kaplan - Logiquest Seminar				
2019	Motivational talk '212 Degree the Extra Degree' -Mr. M. G. Swaminathan, Consultant Trainer & Motivational Speaker, Chennai.	Nil	260	Nil	Nil
2019	Career Guidance - Dr. Nagini Siddavaram, Professor, Annamalai University and Dr. Sudha Warriar, Professor, Manipal Institute of Regenerative Medicine- Department of Biomedical Sciences	Nil	201	Nil	Nil
2019	Perspectives and Prospectives in U.S	Nil	67	Nil	Nil
2019	Career Guidance Program Conducted By Alchemist Enterprises	Nil	90	Nil	Nil
2019	Career Guidance Program Conducted By Alchemist Enterprises	Nil	102	Nil	Nil
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harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
65	65	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
SRMC	90	89	Nil	Nil	Nil
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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	MBBS	Faculty of Medicine	A.J Institute of Medical Sciences, Karnataka	M.D Radio Diagnosis
2019	1	MBBS	Faculty of Medicine	Aarupadi Veedu Medical College, Puducherry	M.S General Surgery
2019	7	MBBS	Faculty of Medicine	Sree Balaji Medical College And Hospital, Chennai	M.D Pulmonology
2019	7	MBBS	Faculty of Medicine	Sree Balaji Medical College And Hospital, Chennai	M.S General Surgery
2019	7	MBBS	Faculty of Medicine	Sree Balaji Medical College And Hospital, Chennai	M.D Community Medicine
2019	7	MBBS	Faculty of Medicine	Sree Balaji Medical College And Hospital,	M.D General Medicine

				Chennai	
2019	7	MBBS	Faculty of Medicine	Sree Balaji Medical College And Hospital, Chennai	M.S Orthopaedics
2019	7	MBBS	Faculty of Medicine	Sree Balaji Medical College And Hospital, Chennai	M.D Dermatology
2019	7	MBBS	Faculty of Medicine	Sree Balaji Medical College And Hospital, Chennai	M.S General Surgery
2019	1	MBBS	Faculty of Medicine	Bharati Vidyapeeth Medical College, Maharashtra	M.D Anaesthesia
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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	2
Any Other	4
Any Other	1
Any Other	1
Any Other	26
Any Other	2
View File	

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

Activity	Level	Number of Participants
National Youth Day - 2020 Competitions - Faculty of AHS	University	157
Fresher`s day Cultural Activity - Department of Occupational Therapy	University	23
MBBS Fresher`s Party Cultural Activity	University	256
National Nutrition Week Competitions - Faculty of AHS	University	54

216 VOLT FROM THE FAMILY OF PIONEERS CULTURAL ACTIVITY - Faculty of AHS	University	355
Lumiere 2019- Cultural Activity Competitions	University	975
Sinonesta 2019 -Christmas Celebration Cultural Activity Competitions	University	97
MBBS CRRI Farewell -Cultural Activity	University	254
Pongal Celebration -Competitions	University	84
Children`s day Programme Cultural Activity - Faculty of Nursing	University	110
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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
2019	1st place in Battle of Bands - FUSION 2019	National	Nill	1	M0116030	Mr.Alen Jiji Tom
2019	1st Prize in Fashion show - FUSION 2019	National	Nill	1	AUSS16032	Mr.Yogin Krishna
2020	1st Prize in Virtual Hackathon contest COVID-19	Internat ional	Nill	1	BUBM16003	Ms. Aishwarya Chander
2019	7th place in Senior Ladies 10,000m Elim, 9th place in 10,000m Final,	Internat ional	1	Nill	M8519002	Ms. Aara thyKasturi Raj

	10th Place in 15,000m Elim and 20th Place in Marathon Women in World Roller Skating					
2019	4th place in 50m Breast Stroke in 10th Asian Age Group Championships 2019	International	1	Nil	AUSS16015	Ms. Jaya Veena. A.V
2019	IV year secured gold medal in 50m Breast Stroke and 4x100m Free Style Relay in 73rd Senior National Aquatic Championship 2019 at Bhopal	National	1	Nil	AUSS16015	Ms. Jaya Veena. A.V
2019	Silver Medal in All India Inter University Karate Men and Women Tournament 2019	National	1	Nil	B0118062	Ms. Alif aSulthana
2019	Silver Medal in All India Inter University Karate Men and Women Tournament 2019	National	1	Nil	G0119021	Ms. Hindhuja
2020	1st Prize in Virtual	International	Nil	1	BUBM16003	Ms. Aishwarya Chander

Hackathon contest COVID-19					
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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.

The members have a crucial role in coordinating relevant activities and promoting a thriving student environment. The General Secretary, President and Vice-president have an essential role in organizing and leading the other members in this process. 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. A meeting is held every month with the Dean, Assistant Deans and all the Council members to discuss issues pertaining to students and their life in the campus. The Council also help out with various institutional programmes (CRR orientation programme, Investiture ceremony 2019) and governmental initiatives. They have a pivotal role 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 Triathlon to support menstrual health awareness and menstrual hygiene camps where sanitary napkins and informative pamphlets were distributed in Karunakaracheri Village and faculty from the department of Obstetrics and Gynaecology addressed the gathering about menstrual health. MEDHOPE to support children suffering from cancer, Smile train for cleft palate surgery awareness, ECOWALK 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 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 Council has also contributed in initiating student clubs as extracurricular engagement is a vital part of University education. 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/ Christmas day celebration (Sionesta 2019)/Fresher's party 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 Cultural (Lumiere 2019), which is held in the month of August/ September every year.

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 association has played a pivotal role in providing encouragement to alumni through distinguished alumni awards. 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 16834 registered 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. During the COVID times Alumni Association started and contributed to the lock down clinic and treated over 12,000 patients free of cost and also provided 2500 Covid safety kits to students who were assessing patients. 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:

762

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

3420831

5.4.4 – Meetings/activities organized by Alumni Association :

1. Alumni Association - General Body Meeting and Annual Alumni Meet- 19.07.19.
2. Department of SLHS - General Body Meeting - 20.07.19.
3. Alumni Chapter Faculty of Management - Alumni Talk 2019 - 22.07.19.
4. Alumni Chapter Faculty of Physiotherapy - Career Guidance Program on Challenging Journey - 01.08.19.
5. Department of Pathology - Alumni Night Celebration - 09.08.19.
6. Alumni Chapter Faculty of Management - Alumni Meet 2019 - 17.08.19.
7. Department of Psychiatry - Dr. Mani Santhanakrishnan - CME Program - 12.09.19.
8. Department

of ENT - 1st Alumni Meet - 28.09.19. 9. Department of SLHS - Alumni Day Celebration - 05.10.19. 10. Department of Clinical Psychology - Alumni Meet - 12.10.19. 11. Alumni Chapter Faculty of Physiotherapy - Career Guidance Program on "Entrepreneur skills in a physical therapist - 21.11.19. 12. Alumni Chapter Faculty of Physiotherapy - Guest Lecture on Scope of Cancer and Rehabilitation in HULL University UK - 17.12.19. 13. Department of Biomedical Sciences - Annual Alumni Meet - 19.12.19. 14. Alumni Chapter Faculty of Nursing - 17th Alumni Reunion Seminar GBM Meeting - 23.12.19. 15. Alumni Chapter Faculty of Dental Sciences - "The Key to NEET" - 29.01.2020 to 30.01.2020. 16. Department of Human Genetics - 1st Alumni Meet - 12.02.2020. 17. Department of Trauma Care Management - 1st Alumni Meet - 05.03.2020. 18. Alumni Chapter Faculty of Dental Sciences - Talk on "An Overlook on ORE- UK Dental License" - 07.03.2020. 19. Department of Forensic Medicine - 4th Annual Alumni Meet - 31.05.2020. 20. Department of Pathology - International Day of Yoga Alumni Talk - 21.06.2020. 21. Department of Optometry - Webinar Program on "Research Tools and Methods" - 25.06.2020. 22. Department of Oral and Maxillofacial Surgery - 1st Alumni Webinar - 26.06.2020. 23. Department of Clinical Nutrition - Webinar Program on "Fuelling the Future: As a Nutritionist - 26.06.2020.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The 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 33 UDC meetings and 34 UAC meetings were held since May 2019 (till June 2020). A total of 240 proposals covering academic, administrative, resource generation and institutional expansion proposals were presented and discussed. Out of the UDC approved proposals 87 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	<ol style="list-style-type: none"> 1. Online mode of application to various programs is strictly adopted. 2. Conducted entrance examination as per requirement of respective statutory councils observing all protocol of COVID as prescribed by the state government. 3. The programme which admit students through interview mode were also conducted through online.
Industry Interaction / Collaboration	<ol style="list-style-type: none"> 1. Establish the "Science Technology Park" with "Industries on Campus for Innovation and Invention" through partnership with industries 2. Augment relations with industries in India and abroad for enhancing patient care through new drugs, PoC diagnostics, gadgets, medical devices, software, etc. Multi-dimensional research innovation ecosystem to nurture academia-industry collaboration 3. Partner and collaborate with industry through their CSR initiatives via shared vision and collective ambition that strengthen education and research 4. Expand the "Start-Up Culture" through Sri Ramachandra Innovation-Incubation Centre - SRIIC by establishing BIRAC-BIONEST BIOINCUBATOR and Entrepreneurship Development Centre and through MHRD-IIC/AIIRIA program.
Human Resource Management	<ol style="list-style-type: none"> 1. Recruitment at all levels in the organization shall be strictly carried out on the basis of sanctioned "Human Capital Plan" 2. The Performance appraisal system provides an annual written review of individual performance, in the context of the

	<p>ongoing performance appraisal process.</p> <p>3. The institute offers the teaching staff training for learning and development and aids career advancement and skill development through awards and recognition. 4. The institute provided transport facilities for both teaching and non- teaching staffs during COVID-19. 5. Medical facilities with leave were provided to those infected with COVID-19.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>1. Setting up virtual learning infrastructure by way of media centre/AV studio, skills/Simulation laboratories with multimedia soft wares VR/AR laboratories, etc. 2. E-Learning and use of NKN-Grid, Bharat Net, DIKSHA and MOOCs through Swayam, NPTEL, CEC, Coursera etc.,</p>
Research and Development	<p>1. Acquiring the status of "Centres of Excellence" in clinical, non-clinical and basic medical and paramedical science disciplines. 2. Becoming recognized as an "International Centre of Excellence in Translational Medicine Biomedical Nanotechnology." 3. Recognition of departments/centres in Faculties/ medical centre as ICMR/DBT/DST/DRDO/FIST - Advanced Centres of Research in Areas of Excellence. 4. Recruitment of renowned research scholars whose excellence will strengthen the Research Centres of Excellence</p>
Examination and Evaluation	<p>1. The theory and practical examinations for the final semester for outgoing batches will be held as per schedule prepared by the CoE's office strictly. 2. In respect of the programs/ courses coming under the purview of statutory councils the examination pattern suggested by the respective councils will be followed for the theory and practicals. 3. The theory and practical examination for the core and discipline specific elective programmes for the final semester of ongoing batches shall be conducted by the CoE. 4. For the ongoing intermediate semesters the conduct of the examination will be the responsibility of Faculty Head.</p>
Teaching and Learning	<p>1. Establish a 'Centre for Open-Distance/ Online Learning' with E-resources Development Centre to develop</p>

and offer UG/PG degrees, diplomas and Massive Open Online Courses (MOOC) through a multidisciplinary approach 2. Establishment of Centre for ODL/On-line education to offer degrees, diplomas and certificates in multidisciplinary areas including Professional areas, Vocational subjects, e- Lok Vidya, Humanities, Social sciences, Languages and Liberal arts and Global Citizenship Education 3. Content-centered and competency-based curricula that demand enhanced skills in critical thinking for solving problems how to be creative and be multidisciplinary and how to innovate, adapt and absorb new information in novel and fast-changing changing medicine/health fields. 4. A greater emphasis upon experiential, holistic, integrated, inquiry-driven, discovery-oriented, learner-centered, discussion-based, and flexible instruction leading to Outcome-based Higher Education.

Curriculum Development

1. Establish new super-specialities in medical disciplines and new faculties/ departments in the university 2. Integrate modern medicine with traditional systems and lifestyle modifications initiate Faculty of Integrated Medicine and offer trans-disciplinary programs 3. Synergy of technology in healthcare sciences through the introduction of an interdisciplinary program by the creation of a Faculty of Health and Wellness Technology.

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

E-governance area	Details
Planning and Development	http://digicampus.sriramachandra.edu.in/webroot/uploads/weblinksfiles/6.2.320191221090309Planning_and_Development.pdf
Administration	http://digicampus.sriramachandra.edu.in/webroot/uploads/weblinksfiles/6.2.3201912210903376.2.3-_2._Administration_(including_Hospital_Administration_and_Medical_Records).pdf
Finance and Accounts	http://digicampus.sriramachandra.edu.in/webroot/uploads/weblinksfiles/6.2.320191221090359Finance_and_Accounts.pdf
Student Admission and Support	http://digicampus.sriramachandra.edu.in/webroot/uploads/weblinksfiles/6.2.320191221090439Student_admission_and_Support.pdf

Examination

<http://digicampus.sriramachandra.edu.in/webroot/uploads/weblinksfiles/6.2.320191221090500Examination.pdf>

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
2019	Saravanan T T Dr	Reimb. Of Exps. Incurred At The Advanced Dentistry Dental Education Held At New York, Usa During 18- 20.4.19	Advanced Dentistry Dental Education	71144
2019	Shanmuganathan N Dr	Reimb. Of Exps. Incurred At The Advanced Dentistry Dental Education Held At New York, Usa During 18- 20.4.19	Advanced Dentistry Dental Education	75000
2019	Parthasarathy N Dr	Reimb. Of Exps. Incurred At The 21st Indian Prosthodontic Society Post Graduate Convention Held In Gandhinagar, Gujarat During 5- 7.4.19	Indian Prosthodontic Society	20339
2019	Madhan Kumar S Dr	Reimb. Of Exps Incurred At The Advanced Dentistry Dental Education Held At New York, Usa During 18.4- 20.4.19	Advanced Dentistry Dental Education	75000
2019	Suresh P Dr	Reimb.Of Exps Incurred At The Intl.Society Of Arthroscopy, Knee Surgery Orthopaedic	Intl.Society Of Arthroscopy, Knee Surgery Orthopaedic Sports Medicine	75000

		Sports Medicine Held At Cancun, Mexico (12-16.5.19)		
2019	Prakash A Dr	Reimb.Of Exps Incurred At The Intl.Society Of Arthroscopy, Knee Surgery Orthopaedic Sports Medicine Held At Cancun, Mexico (12-16.5.19)	Intl.Society Of Arthroscopy, Knee Surgery Orthopaedic Sports Medicine	75000
2019	Dhivyalakshmi	Issue Of Fresh Cheque In Lieu Of Chq.No:189441/ Dt: 17.12.2018, Tow. Reimb.Of Exps.Incurred At The 47th Annual Conf.Of Intl. Society....Held	Intl. Society Of Paediatric Medicine	14610
2019	Somu L Dr	Reimb.Of Exps. Incurred At The International Otology Workshop Held At Mumbai During 7-9.6.19	Indian Society Of Otology	26162
2019	Madhu R Dr	Reimb. Of Exps Incurred At The 7th Annual Pediatric Urology Conf. Live Workshop Of Spu-Iaps Held At Hyderabad During 14-16.6.19	Tamilnadu Pondicherry Chapter Of Pediatric Surgeons Association	28287
2019	Shanthi K Dr	Reimb. Of Exps. Incrd. For The 4th Intl World Dental Oral Health Conf. 2019 On 31st Aug 1st Sept19 At Itc Grand Chola, Chennai	World Dental And Oral Health Congress	7999

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)
2019	IBOS Conference Workshop	Healing Attitude in Health Care - Module I	05/11/2019	05/11/2019	5	34
2019	Workshop for medical educationist "Train the trainers"	Healing Attitude in Health Care - Module III	05/11/2019	05/11/2019	37	30
2019	CME On Postgraduate Integrated Lecture Series (PILS - 2020)	Leadership	29/12/2019	29/12/2019	9	28
2019	RACE-2020	Enhancement of Professional Skills to Improve Patient Satisfaction	23/07/2019	23/07/2019	30	68
2019	AOA 2019	Enhancement of Professional Skills to Improve Patient Satisfaction	17/12/2019	17/12/2019	30	28
2019	Basic Shoulder Cadaver Workshop	Nurses Communication for Patient Satisfaction	25/11/2019	25/11/2019	2	21
2019	Basic Knee Arthroscopic Cadaver Workshop	Management of Multiple Priorities	22/08/2019	22/08/2019	3	44

2019	International Sports Science Webinar	Management of Multiple Priorities	11/09/2019	11/09/2019	20	6
2019	Return to New Normal- Webinar Series	Management of Multiple Priorities	27/11/2019	27/11/2019	4	56
2019	New Vistas in Sports Medicine Webinar Series	Management of Multiple Priorities	10/12/2019	10/12/2019	4	54
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
NGS-based Assessment of Hematological Malignancies: Managing a Complex Molecular Workflow	1	08/06/2020	08/06/2020	1
International workshop on "Health systems Engineering and Data analytics"	1	05/12/2019	05/12/2019	1
Distinctive Head and Neck Soft Tissue Tumours.	1	24/06/2020	24/06/2020	1
Learning Objectives Vs Learning Outcomes in Medical/Health Sciences Education	5	29/06/2020	29/06/2020	1
CME in Advances in internal medicine	1	02/11/2019	02/11/2019	1

Dr.M.G.R educational and research institute	2	02/12/2019	02/12/2019	1
12th ACPE conference held from 11-13 October, at Kyoto, Japan	1	11/10/2019	11/10/2019	1
International seminar on Recent approaches in learning perspectives of pharmacy education	3	30/07/2019	30/07/2019	1
CHET-VIROCON-2019 UPDATES IN VIROLOGY	2	05/07/2019	05/07/2019	1
Regulatory challenges in Pharmacovigilance	2	18/07/2019	18/07/2019	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
721	721	3956	3956

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Provident fund, Gratuity, Group insurance, Accident Coverage, Earned Leave Encashment, Staff Quarters, Health Insurance- Self Dependents, Crèche for Children of Staff, Festival Advance, Salary Advance, Education loan, Personal Loan arranged through banks at preferential rate of interest, OP Treatment - Lab -Rs. 2,000/- p.a., Pharmacy -Rs. 1,000/- p.a, Financial support for attending /presenting paper at National	Provident fund, Gratuity, ESIC, Group insurance, Accident Coverage, Earned Leave Encashment, Staff Quarters, Health Insurance- Self Dependents, Crèche for Children of Staff, Festival Advance, Food at subsidized rates (Rs.2 Meals Token), Washing Allowance -Rs. 200/- p.m, CL Encashment 50 , Free Tea, Free accommodation for Nurses, Salary Advance, Personal Loan arranged through banks at preferential rate of interest, OP Treatment -	Summer Chancellor Fellowship, Founder Chancellor Fellowship, Merit Cum means scholarship award, Free ship for hospital Ward Technician Course students, Fee-Waivers in project work done at Sri Ramachandra Hospital.

<p>International seminars Conferences, Financial support for publication of articles/research papers in Journals, Recognition and award of Gold Coins to faculty and staff who have put in 10, 20, 25 and 30 years of service in the institution.</p>	<p>Lab -Rs. 2,000/- p.a., Pharmacy -Rs. 1,000/- p.a, Recognition and award of Gold Coins to faculty and staff who have put in 10, 20, 25 and 30 years of service in the institution.</p>	
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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 2020). 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
YONSEI UNIVERSITY HEALTH SYSTEM, SEOUL	4909866	TT RECD FROM YONSEI UNIV.,SEOUL FOR \$70542.12 FOR TREATMENT OF POOR PATIENTS AT SRI RAMACHANDRA HOSPITAL
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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	MCI, DCI, RCI, INC, AICTE, NIRF, INDIA TODAY	Yes	Sri Ramachandra Institute of Higher Education and Research
Administrative	Yes	BSCIC, NIRF	Yes	Sri Ramachandra Institute of Higher Education and Research

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

NA

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

<p>Parents are part of many committees in the university, including important committees like anti ragging committee and IQAC. Their contribution in the form of useful suggestions, help us to streamline various student related activities. Parents regularly attend the parents teachers meeting, which is scheduled in the yearly calendar and also included in our student manual. This helps them to attend these meetings and get updated regarding the performance of their wards. Constructive feedback from both parties help in making the learning atmosphere more rewarding and fruitful. Parents enthusiastically participate in various university activities like accreditation processes, where they contribute by giving feedbacks to the peer team. They also participate in online surveys conducted by the university.</p>
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6.5.4 – Development programmes for support staff (at least three)

<p>Refining Professional Skills in Health care : Managing Priorities, Leadership Skills, Team Work, Time Management, Telephone Etiquettes. Transition of People Skills to Value-Based Health Care: Positive Attitude, Inter-personal Relationship Intra-personal Relationship, Work-Life Balance, Enhancing Resilience, Emotional Management, Personal Grooming. Enhancing Patient Experience in Health Care: Nurturing Empathy, Communication with H.E.A.R.T (Hear, Empathize, Apologize, Respond Thank), Excellence in Patient</p>
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Satisfaction, Language Lab - Spoken English, Hindi, Spoken Bengali For patients comfort and satisfaction.

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

1.Facilitated in providing training on Blended Learning to all the teaching faculty through department of Medical Education Unit, 2.Standerdized Mentor Mentee log book and provided to all the faculty. 3.Framed and reviewed policies on Teaching Learning, Research and Administration. 4. Facilitated the library procurement on ancient books on Indian system of medicine. 5.Created webinar platform(Go to Webinar) with the help of IT department for the smooth conduct of webinars by various departments of the constitute colleges. 6.5. Initiated the process of developing MIS for library, IT, HR, Student Section.

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
2019	Identifica tion of Best Practices	02/12/2019	02/12/2019	02/12/2019	22
2019	E Learning sensitizatio n program	27/06/2019	27/06/2019	27/06/2020	23
2020	Blended Learning	20/01/2020	20/01/2020	24/01/2020	16
2020	Developed and trained the new module on Evaluvative report of departments as per the requirements of accredita tion and ranking agencies	27/01/2020	27/01/2020	27/01/2020	30
2019	NAAC Criteria wise workshop for new health sciences manual	03/09/2019	03/09/2019	20/09/2019	21

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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
Grievance Policy , Employee Rights Responsibilities	10/03/2020	10/03/2020	10	3
Grievance Policy	13/03/2020	13/03/2020	16	13
200th Year Birth Anniversary Celebration of Florence Nightingale, Nursing Founder and International Nurses Day Celebration	12/05/2020	16/05/2020	89	11
Grievance Policy , Employee Rights Responsibilities	10/03/2020	10/03/2020	17	7
Grievance Policy	13/03/2020	13/03/2020	26	4
Generation Equality, Realizing Women's Rights	08/03/2020	08/03/2020	50	5
Women in Science	28/02/2020	28/02/2020	169	31
Father's day	02/11/2019	02/11/2019	10	25
Women's Day Celebration	07/03/2020	07/03/2020	29	4
IMMIX 3 an integrated approach to breast disease	11/10/2019	11/10/2019	70	30
Clinician updates in Indian breast feeding practice	12/10/2019	12/10/2019	40	23
World breast feeding week	05/08/2019	05/08/2019	300	33

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	10
Provision for lift	Yes	10
Ramp/Rails	Yes	8
Rest Rooms	Yes	8
Scribes for examination	Yes	5
Braille Software/facilities	Yes	7

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
2019	1	1	20/07/2019	2	Multispeciality Free Medical Camp	Patient Screening	20
2019	1	1	03/09/2019	1	Multispeciality Free Medical Camp	Patient Screening	24
2019	1	1	02/10/2019	1	Multispeciality Free Medical Camp	Patient Screening	24
2019	1	1	11/10/2019	1	Multispeciality Free Medical Camp	Patient Screening	31
2019	1	1	02/11/2019	1	Multispeciality Free Medical Camp	Patient Screening	22
2019	1	1	06/11/2019	1	Multispeciality Free	Patient Screening	22

					Medical Camp		
2019	1	1	24/11/2019	1	Multispecialty Free Medical Camp	Patient Screening	63
2019	1	1	27/11/2019	1	Multispecialty Free Medical Camp	Patient Screening	20
2019	1	1	30/11/2019	1	Multispecialty Free Medical Camp	Patient Screening	20
2019	1	1	21/12/2019	1	Multispecialty Free Medical Camp	Patient Screening	22

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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	16/12/2019	Student Manual contains academic calendar, information about constituent colleges in SRIHER, CRF , Disciplinary rules and regulations, Details on payment of tuition fees , examination fees , Hostel rules and regulations

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Enhancement of Professional Skills to Improve Patient Satisfaction	23/07/2019	23/07/2019	68
Enhancement of Professional Skills to Improve Patient Satisfaction	29/08/2019	29/08/2019	67
Enhancement of Professional Skills to Improve Patient Satisfaction Enhancement of Professional Skills to Improve Patient	25/09/2019	25/09/2019	44

Satisfaction			
Enhancement of Professional Skills to Improve Patient Satisfaction	25/10/2019	25/10/2019	43
Enhancement of Professional Skills to Improve Patient Satisfaction	13/11/2019	13/11/2019	32
Enhancement of Professional Skills to Improve Patient Satisfaction	17/12/2019	17/12/2019	28
Impact of Empathy in Patient care	31/07/2019	31/07/2019	16
Impact of Empathy in Patient care	05/08/2019	05/08/2019	16
Impact of Empathy in Patient care	05/09/2019	05/09/2019	43
Impact of Empathy in Patient care	09/10/2019	09/10/2019	11
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

BIODIVERSITY PARK – GREEN CAMPUS, SENSOR BASED LIGHTING, RECYCLING OF WATER – WATER TREATMENT PLANT, BATTERY OPERATED BUGGIES FOR TRANSPORT WITHIN CAMPUS
SOLAR POWER GENERATED STREET LAMPS

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Effective leadership as reflected in decentralization and participative management. Objectives of the Practice To decentralize the decision making process with participation of faculty, staff and students, so that effective implementation of schemes is achievable, with least obstacles and constraints. The Context The existing practice in HEIs is that decisions are taken at the higher level and passed on to the lower level for implementation. To have an effective mechanism, the established procedures and norms have to be modified. There is no sense of participation and contribution, which is required for the success of any initiative in HEIs. The challenge is to overcome these constraints and to evolve a suitable mechanism. The Practice 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, aligned 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 unique two-tier system of University Development Committee (UDC) and University Advisory Council (UAC) The UDC, a consultative body has members from all the constituent colleges/faculties (Deans/Principals), along with the Registrar, the Director (Finance), the General Manager (HR), etc. This has subsequently been expanded to include Vice-Principals and others. The UDC was later converted to have only academic members since 2019 and the administrative members were invitees for the UAC. The UAC consisting of only the top-tier senior officials to facilitate coherence, approves after due review. This

system got instituted from 2017. So far 34 UDC meetings and 33 UAC meetings were held since May 2019. The meetings are held on alternate Fridays. A total of 240 proposals covering academic, administrative, resource generation and institutional expansion proposals were presented and discussed. Out of the UDC approved proposals 87 have been implemented with clear timelines. Some of the schemes and proposals include, strengthening of skills and simulation laboratory, 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/ NAAC accreditation requirements etc., Evidence of Success The formation of such consultative and implementation bodies is an innovative approach as issues and decision making based on 'bottom up' and 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 at UAC. Many innovative programmes/ proposals are now being implemented at a faster pace Since its inception in 2017, 34 UDC meetings and 33 UAC meetings were held and a total of 240 proposals covering academic, administrative, resource generation and institutional expansion proposals were presented and discussed. The success of this best practice is also evidenced by the fact that no less than 38 innovative programmes that are socially relevant and which meet industry needs have been started during the last two years. In line with policy of GOI, Integrative for Integrated Medicine, high power committee under the Chairmanship of Dr. Patwardhan, Vice Chairman, UGC was convened. The committee under its deliberation suggested several measures including academic programmes. One of the program was M.SC in Mind Body Medicine Lifestyle Sciences. Subsequently it was placed in UDC meeting dated 14th June 2019 and after approval by UAC 28th June 2019, BOS Academic council, was introduced in December 2019. All the students got internship in well reputed wellness special schools and rehab centres with assurance of placement. MoUs, both national and international have also increased. For example during 2019-20 eleven such MoUs have been signed and 50 of them are with universities in the top 100 of world rankings, that include University of Glasgow, University Hull, U.K., State University of New York at Bringhamton, Massachusetts College of Pharmacy, USDA, IIT-Madras IGCAR (DAE). Problems Encountered and Resources Required Some of the proposals which are incomplete had to be presented after modification in subsequent meetings. Some of the proposals could not be accepted due to non-conformity with the statutory regulations while some had to be deferred because of huge cost involved. Finding resources, both human and financial have posed major challenges during implementation. Sometimes targets and timelines had to be extended or altered for implementation. To overcome this, later the UAC has been expanded to include the Purchase and Project administrators also. Best Practices: II Emergence of Alumni Association of SRIHER as a model for alumni engagement 1. Objectives of the Practice: • Creating a worldwide community among the alumni body of Sri Ramachandra Institute of Higher Education and Research (Deemed to be University) and facilitating opportunities for lifelong engagement with the university. • Representing the interests of the alumni body by gathering a voice for alumni and facilitating communication with the university. • Creating a culture of philanthropy among the alumni body, to ensure to contribute their time, talent and financial resources for the betterment of the university • To increase alumni participation and involvement in university and fund raising activities • To promote pride, tradition and loyalty among both current students and former students • To strengthen bonds and build relationships between alumni, students and university and provide opportunities for them to contribute to its welfare. 2. The Context The Alumni Association comprises of nine chapters of the constituent colleges and organizes the events under the

guidance of the officials of the university and the office bearers of the association. Every graduate enroll in the respective chapter of their constituent college. The association organizes guest lectures, medical camps, creation of endowments and donation of books and e- resources. The office bearers meet periodically to discuss and update the various activities organized by each chapter. 3. The Practice: Alumni Association of SRIHER was formed in the year 2016 to create a life-long relationship between the Institute and its alumni. Initially the alumni association functioned as individual chapters. Currently it is registered as the "Alumni Association of Sri Ramachandra Institute of Higher Education and Research" - Tamil Nadu, Society Registration Act 27 of 1975, November 2018 (Sl. No 511/2018). The alumni chapters of the institute have contributed greatly to the welfare of the institute, faculty and students. The association have played a pivotal role in providing encouragement through best alumni awards for distinguished alumni.

The association encourage students through career guidance and programmes/workshops, supervisors in research including clinical trials and publications. The association has actively initiated organizing, funding and also involving alumni 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, providing instruments in the form of test equipment and physical support for students, 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 in March 2018. The association currently consist of 16728 members both nationally and internationally. Alumni are connected through the Alum Book application and promotes connectively between fellow alumni helping each other for social initiatives, opportunities for higher education and jobs. The alumni have donated books amounting to about 1, 55,304. 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 to name a few. The alumni chapters have also been instrumental in providing career and competitive exams guidance programmes/workshops annually. Each alumnus provides feedback to curriculum revision which greatly enabled us to improve our teaching methods. 4. Evidence of Success: The alumni have helped to provide first-hand information to their designated chapters relating to job and placement opportunities through the Alum Book platform. The alumni role during the pandemic is commendable. They provided COVID safety kits to the students and parents. It was appreciated in the form of an award, "Best Work Ethics Award" on 17/10/2020 by the World Tamil Chamber Of Commerce and received from Dr J Radhakrishnan, Principal Secretary to TamilNadu Government. The feedback from the graduands and their families were overwhelming and encouraged the initiative to distribute instant photos, alumni ID cards and privileges booklet. The staff, students and faculty found the workshop on awareness of sexual harassment to be very useful. 5. Problems Encountered and Resources Required: Integrating all the individual Alumni Chapters of the constituent colleges of SRIHER was challenging. The centralization of funds was another challenging task. The members of all the chapters were co- operative and understood the need of the central body for smooth conduct of alumni association. The entire process was time consuming but it was well planned and coordinated by the SRAA team and carried out successfully.

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

<https://www.sriramachandra.edu.in/university/pdf/igac/best-practices.pdf?pos=7>

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

Centre for Health Professional Education: • Vision We aspire to be the institute of excellence in education which produces world class Health Professional Educators who are capable of leading curricular reforms, facilitate capacity building , promote innovative educational research and technology that impacts student community at large . • Mission Capacity building to impact health professionals education and faculty development Objectives: Build capacity of health professional educators in curriculum development/ design, TL assessment - evaluation strategies and educational research . • Promote collaborative educational research • Collaborate globally and Nationally for capacity building • Innovate and evolve best practices in education technology • Establish an Inter-disciplinary governance and structure • Adopt a structure , process, outcome model of educational strategy to deliver Global standards in educational technology • Create a state-of-the-art trans disciplinary Education Technology Centre. • Offer trend-setting programs for Health professional education Sri Ramachandra Centre for Health Professional Education(SRCHPE), headed by the Dean-Education has a strong faculty and curriculum development processes. The Dean Education and Associate Dean Education oversee the faculty and curriculum initiatives of the University and implement it through the 5 education units i.e. Medical Education Unit, Dental Education Unit, Pharmacy Education Unit, Nursing Education Unit and Education Unit for Health Science Colleges. Each of them has their own administrative structure with a Curriculum and Faculty development wings. Medical Education Unit recognized by Medical Council of India as the Nodal Centre for faculty development programmes with 63 medical colleges under its purview. So far, it has trained 1058 in-house faculty and 4567 faculty from other colleges in both Basic and Advance Medical Education Technologies and in AETCOM (Attitudinal, Ethics and Communication Competencies). Dental Education Unit has hundred percent of its faculty trained in the basic courses. They have developed Professional and personal Enhancement program for the Dental College students. The Dental Council of India has chosen our dental college to develop the Competency Based Dental Curriculum. Pharmacy Council of India has recognized our Pharmacy Education Unit for conducting Continuing Education Programs. Nursing Education Unit has competency based nursing education curriculum with specific skill training for bridging education and practice. Education Unit for Health Sciences has been instrumental in designing and implementing CBCS system of Allied Health Sciences. The SRCHPE as such has trained around 300 in house faculty in various aspects of education. Medical college being mentored by the Harvard Medical International in curriculum and faculty development, facilitated other faculties to initiate Education Units to develop curriculum and faculty development. We have our own LMS platform and e-learning resources and a Swayamprabha AV Studio for the SRMC- IIT-NPTEL Project. The impact and outcome of initiatives on the student teaching/learning include Blended Learning initiative, Integrated curriculum for MBBS, Integrated projects/ OSCE, PRODEV- Professional Development for students, Competency based nursing training bridging education - practice gap, Orientation program for students, UG and PG, E-learning, Bioethics training for students, CBCS system for AHS electives, Clinical skills lab and Pedagogy training, Research Methodology training for PG's and Longitudinal Mentoring program.

Provide the weblink of the institution

<https://www.sriramachandra.edu.in/university/pdf/igac/institutional-distinctiveness.pdf?pos=7>

8.Future Plans of Actions for Next Academic Year

Sri Ramachandra Institute of Higher Education and Research (Category-I Deemed to be University), in its quest for excellence in Teaching, Healthcare and Research has always enthusiastically responded to National Policy reforms as well as sought to meet the global standards of international quality higher education. Goals to be achieved by 2021: The international model of "School System within the University" will be instituted in place of the existing Faculty system. In addition to the existing faculties which would be re-designated as Schools, new Schools will be established in SRIHER within which, appropriate Departments and Centres of Education and Research will be established with the mandate of multidisciplinary functioning with all Schools of the University. PROPOSED SCHOOL-SYSTEM ARCHITECTURE FOR SRI RAMACHANDRA UNIVERSITY: 1. Sri Ramachandra Medical College and Research institute Existing infrastructure sufficient Scope for starting autonomous Medical College with dedicated infrastructure creation of State of Art Simulation Centre. 2. Sri Ramachandra Faculty of Dental Sciences Existing infrastructure sufficient. Can be expanded in the same building complex. 3. Sri Ramachandra Faculty of Pharmacy To be strengthened - Additional building/infrastructure required to match expansion. Appropriate faculty recruitment and induction of innovative programs. 4. Sri Ramachandra Faculty of Nursing Existing infrastructure sufficient. Providing an integrated system of education which competitive oriented. 5. Sri Ramachandra Faculty of Physiotherapy To be strengthened Additional building/infrastructure required to match expansion. Creation of Rehab center of excellence. 6. Sri Ramachandra Faculty of Allied Health Sciences To be strengthened Dedicated building/infrastructure required to match expansion. Creation of simulation labs. 7. Sri Ramachandra Faculty of Biomedical Sciences, Technology and Research Existing building/infrastructure sufficient. To establish this as a research center. 8. Sri Ramachandra Faculty of Management Sciences To be strengthened as School of Business dedicated building/infrastructure required to match expansion. Presently only doing health care management. To be expanded towards General Management, Executive Education and Liberal Arts. 9. Sri Ramachandra Faculty of Public Health Existing infrastructure sufficient. To start innovative Educational programs. 10. Sri Ramachandra Faculty of Engineering Technology To be strengthened Dedicated Building/infrastructure required to match expansion. To introduced niche educational programs. 11. Sri Ramachandra Faculty of Sports Exercise Sciences Existing infrastructure sufficient. To improve towards provision of Sports Services apart from Education. 12. Sri Ramachandra Faculty of Clinical Research To be strengthened Separate building required more programs. There will also be University-level Centres of Excellence in Education Professional Development, Research Development, Health Care Community Engagement, Entrepreneurship and Skill Development, Innovation and Incubation and ODL/ Online education. The development of a relevant instructional curriculum will provide emphases upon: 1. Content-centered and competency-based curricula that demand enhanced skills in critical thinking for solving problems how to be creative and be multidisciplinary and how to innovate, adapt and absorb new information in novel and fast-changing changing medicine/health fields. 2. A greater emphasis upon experiential, holistic, integrated, inquiry-driven, discovery-oriented, learner-centered, discussion-based, and flexible instruction leading to Outcome-based Higher Education.