Sri Ramachandra

Medical College and Research Institute

(Deemed to be University)

REPORT OF THE ACADEMIC AND ADMINISTRATIVE AUDIT COMMITTEE 2017

Introduction

As a prelude to the preparations to get the deemed University reassessed and re-accredited by NAAC Cycle 2 in August 2014, the Academic and Administrative Audit was undertaken by the AAA committee during April 2013, which proved to be enormously useful for the HEI during the subsequent assessment by the NAAC Peer Review. The Advisory Note dated 13th April 2017 issued by NAAC states that it has evolved tools and guidelines for improving quality for different levels of Higher Education Institutions (HEIs) and for its sustenance by establishing Internal Quality assurance Cell (IQAC) and undergoing External Quality assurance process. It adds that the monitoring and evaluation of the institutional processes requires a carefully structured system of internal and external review. The NAAC expects the Institutions to undertake continuous Academic and Administrative Audits (AAA). As per this advisory, the Deemed University has once again volunteered to constitute an external Academic and Administrative Audit Committee for a mid-term audit, as it prepares for Cycle 3 reaccreditation by NAAC during 2019.

Constitution of the AAA Committee

Dr. P.V. Vijayaraghavan, Vice-Chancellor has by his letter No. 182 dated 10th November 2017 has constituted the AAA Committee with the following members:

1. Dr. S. Rangaswami (Chairman)

Former Vice-Chancellor, Sri Ramachandra University

SL-404, Shriram Spandhana Apts., Challaghatta, Yamalur P.O., Bengaluru 560 037

2. Dr. C. Thangamuthu

Former Vice-Chancellor, Bharathidasan University,

Tiruchirapalli

3. Dr. G. Subramanian

Former Director, Centre for Cyanobacteria, Bharathidasan University,

Tiruchirapalli

4. Prof. V. Gopal

Principal, Mother Teresa PG Research Institute of Health Sciences,

Pondicherry

Terms of reference

- 1. To understand the existing system and assess the strengths and weaknesses of the Departments and administrative Units of the Deemed University and to suggest the methods for improvement and for overcoming the weaknesses
- 2. To identify the bottlenecks in the existing administrative mechanisms and to identify the opportunities for academic reforms, administrative reforms and examination reforms, etc.
- 3. To evaluate the optimum utilization of financial and other resources
- 4. To suggest the methods for continuous improvement of quality keeping in mind criteria and reports by NAAC, UGC and other bodies.
- 5. The criteria followed is largely based on the UGC and NAAC formats.

Dates of visit: 20th, 21st& 22nd November, 2017

PART – I BACKGROUND OF THE INSTITUTION DEEMED TO BE UNIVERSITY (The background should include the genesis of establishment of the institution Deemed to be University, along with its Vision and Mission)

The Vision:

"To offer diverse educational programme that facilitate the development of competent professionals and valuable citizens, who demonstrate excellence in the respective discipline, while being locally and globally responsive in areas of education, healthcare delivery and research".

The Mission:

"Sri Ramachandra University will actively promote and preserve the higher values and ethics in education, health care and research and will pursue excellence in all these areas while consciously meeting the expectations of the people it serves without prejudice and in all fairness stay socially meaningful in its propagation of the various arts and sciences to enrich humanity at large.

Genesis:

Sri Ramachandra University, ranked among the top Health Sciences Universities in India, had its origin as Sri Ramachandra Medical College and Research Institute which was established by Sri Ramachandra Educational and Health Trust in the year 1985 as a private not-for-profit self-financing institution and dedicated to serve the society as a centre of excellence with emphasis on medical education, research and health care. The Trust achieved the task of establishing the Institution as a "Centre of Excellence" under the leadership of Late Shri. N.P.V.Ramasamy Udayar who was the Founder & Managing Trustee of the

Trust and also the first Chancellor of the Deemed University. Shri. V.R. Venkataachalam is currently the Chancellor of the University and is also the Managing Trustee of the Trust. Shri. R.V. Sengutuvan is the Pro Chancellor of the Deemed University.

In view of its academic excellence, the Government of India declared Sri Ramachandra Medical College and Research Institute as a Deemed University in September, 1994 under Section 3 of the University Grants Commission Act, 1956. As notified by the UGC, the nomenclature of the institution has been changed to Sri Ramachandra University in 2006.

As required by the UGC, a separate and dedicated Trust, "Sri Ramachandra University Trust" was created in 2012 to run the Deemed University, fully complying with the UGC norms.

Over three decades, the institute has transformed into a full-fledged University with nine constituent colleges / Faculties - Sri Ramachandra Medical College and Research Institute and Colleges of Dentistry, Pharmacy, Nursing, Physiotherapy, Allied Health Sciences, Management, Biomedical Sciences, Technology & Research and Public Health offering 104 U.G. and P.G. courses in health care sciences, with a faculty strength of 823, with 6501 students receiving teaching-learning training under them,(Faculty: Student ratio 1:6) during the academic year 2016-17.

The consistent quest for excellence in education in multidisciplinary areas, world class research services has earned the University many notable accreditations, recognitions and awards.

The University has achieved the distinction of being placed at the 39th rank among all Universities in India by the MHRD NIRF Ranking 2017. The Pharmacy College was ranked 19 among pharmacy colleges in India by NRIF Rankings 2017.

The National Assessment and Accreditation Council has reaccredited (cycle-2) Sri Ramachandra University with "A" Grade with CGPA of 3.62 on a 4-point scale, the highest score achieved by a private medical University in India in 2014.

Sri Ramachandra University was ranked 3rd under All India Technical Institutions category by SWACHHATA RANKING-2017 by MHRD, Govt. of India, for maintaining a clean, hygienic and green campus

The departments of SRMC & RI (DU) have also the following accreditation / major recognitions;

- NGCMA of DST certified GLP accredited/reaccredited CEFT (Centre for Toxicology and Developmental Research) - 2017
- Atomic Energy Regulatory Board (AERB) accredited Biodosimetry laboratory
- MCI recognized Nodal Centre to conduct Basic and Advanced courses in Medical Education Technologies
- NBA accredited, AICTE, PCI, New Delhi approved B.Pharm course and LSSSDC accredited QA Chemist programme.

- ICMR recognized Faculty of Public Health –SRU-ICMR Centre for Advanced Research on Air Quality, Climate and Health
- WHO designated SRMC&RI (DU) as a WHO collaborating Centre for Research and Training in Occupational and Environmental Health Engineering
- Accredited as A+ by ICRA Ltd (Investment Information and Credit Rating Agency of India Ltd.) denoting stable financial strength.
- Member of Healthcare Sector Skill Council, Govt. of India and affiliated to offer HSSC programmes
- First teaching hospital in India to be accredited by JCI (Joint Commission International), USA
- NABH (National Accreditation Board for Hospitals & Healthcare Providers) accredited hospital
- NABL accredited Sri Ramachandra Laboratory Services

PART – II BASIC FACTS OF THE INSTITUTION DEEMED TO BE UNIVERSITY

Sl. No.	Items	Information provided by the Institution Deemed to be University	Specific comments/ observations of the AAA Committee
(i)	Name & Postal Address of the Institution Deemed to be University along with phone/fax no., e-mail id, website address, etc.	Name Sri Ramachandra University Address No.1, Ramachandra Nagar, Porur, Chennai – 600 116 Phone/ fax no e-mail id vc@sriramachandra.edu.in website www.sriramachandra.edu.in address	Confirmed
(ii)	Notification details issued by the Government of India declaring the Institution as Deemed to be University (copy of the Government of India Notification to be placed as Annexure).	Notification issued by the Government of India declaring the Institution as a Deemed to be University <i>vide</i> Govt. of India Notification No.F-9-15-93-U.3 dated 29.09.1994 Annexure –1	Verified.
(iii)	Constituent Unit(s)/Off-campus(es) included in the Notification at the time of declaration.	Sri Ramachandra Medical College & Research Institute Vide Govt. of India Notification No.F.9-15/93- U.3 dated 29.09.1994	Verified.
(iv)	Whether a separate and dedicated Trust/Society	Yes, a separate dedicated trust by name "Sri Ramachandra University Trust" was created in	Verified.

	was created to run the Institution Deemed to be University? If not, reasons thereof.	2012 to run the IDU-vide Deed of Trust registered as document No. 729/12	
(v)	Brief description of the sponsoring Society/Trust and its Constitution	The Sponsoring Trust, Sri Ramachandra Educational and Health Trust, was created in 1985 vide document No.61 of 1985 dt. 18.03.1985 as a not-for-profit trust Registered with SRU, Madras Central. Constitution of the Trust 1. Shri. V. R. Venkataachalam, Managing Trustee 2. Dr. Andal Arumugam, Trustee 3. Shri. R.V. Sengutuvan, Trustee 4. Ms. R.V. Samyuktha, Trustee	Reviewed.
(vi)	Name & Registration No. of the Trust/Society created to run the Institution Deemed to be University	Sri Ramachandra University Trust Vide Regn. No. 729 of 2012 dated 24.05.2012 registered with SRU, Madras south	Verified.
(vii)	Is the sponsoring Society/Trust involved in promoting the Institution Deemed to be University sufficiently focused on educational activities and is independent of their business or any other interests, if any?	Yes; the sponsoring Trust, Sri Ramachandra Educational and Health Trust is well focused on educational and Healthcare activities of the Deemed University. The Sponsoring Trust is totally dedicated for the cause of promotion of education and knowledge, upliftment of poor and down trodden and has no specific business related activity or any other interest.	Verified.
(viii)	Details of the Constituent Unit(s)/Off- campus(es)/Off-shore Campus(es)/ New Institutions(s)/New Department(s) started after the declaration of the institution as Deemed to be University, and the UGC approval thereof. (copy of the Government of India Notification/UGC	 I. Constituent Faculties:- Sri Ramachandra Medical College and Research Institute Sri Ramachandra Faculty of Dental Sciences & Hospital Sri Ramachandra Faculty of Pharmacy Sri Ramachandra Faculty of Nursing Sri Ramachandra Faculty of Physiotherapy Sri Ramachandra Faculty of Allied Health Sciences Sri Ramachandra Faculty of Management 	Confirmed.

	approval to be placed as Annexure)	 8. Sri Ramachandra Faculty of Biomedical Sciences, Technology & Research; and 9. Sri Ramachandra Faculty of Public Health Annexure - 2 II. No. off campus/off-shore centre NIL 	
(ix)	Constituent Unit(s)/Off- campus(es)/Off-shore Campus(es	The University has not started any Off-Campus or Off-Shore Campus so far after the declaration.	Confirmed.
(x)	Whether all the moveable and immoveable assets of the Institution and its Constituent unit(s)/Off-campus(es)/ Institution(s)/ Off-shore campus(es)/ New Department(s) are legally registered in the name of the Institution Deemed to be University?	Yes. All the moveable assets have been transferred to the University by the Sponsoring Trust. The immoveable assets have been leased off University on long term lease of 33 years – <i>vide</i> copy of Lease Deed between Sri Ramachandra Educational and Health Trust and Sri Ramachandra University Trust Vide Regn. No. 8413 of 2012 dated 22.11.2012 with SRU, Madras South	Verified.
(xi)	If the moveable and immoveable assets are not registered in the name of the Institution Deemed to be University, the reasons thereof.	Not applicable	Agreed.
(xii)	Name, phone/fax no., mobile no., e-mail id of the Chancellor, the Vice-Chancellor and the Registrar of the Institution Deemed to be University	Chancellor: Thiru. V R Venkataachalam chancellor@sriramachandra.edu. in Vice- Chancellor Mobile No. 9840043415 Phone No. 044 - 24768431 vc@sriramachandra.edu.in Registrar Thiru. V Swaminathan Phone No. 044-24768032 Fax no.091-4424765995 registrar@sriramachandra.edu.in	Confirmed.

PART-III INFRASTRUCTURE

(i)	Total Land available	149.48 acres of land.	
(ii)	No. of Class Rooms, mentioning the facilities available	No. of Class Rooms:169 with LCD, Audio-Video, Smart Class rooms are available besides skills labs.	Verified.
(iii)	Laboratories and equipment available	There are 79 labs with required equipment. The department wise equipment details are furnished.	Verified.
(iv)	Library (1) Central a. No. of Books b. No. of Journals c. Details of e-journals d. Magazines e. Other facilities	equipment details are furnished. Books: 56411 Journals: 380 e-journals: 583 Magazines: 555 Other facilities:	Visited the Central Library and verified the facilities.
		 Electronic display board for new arrivals Own books reading hall Collection of Autographed Books Review of books by Bridges 	
	(2) Details of Demonstrate	 C.C.T.V. Fire Alarm Shop for students and faculties Conference Hall For Telemedicine Ph.D Theses uploaded In Shodhganga Repository 	
	(2) Details of Department libraries	Orientation for newly enrolled	Verified.

		students	
(v)	Other campus facilities a. Residential accommodation for faculty b. Hostel facilities — separately for boys and girls (No. of rooms available and students accommodated) c. Residential accommodation for non- teaching staff d. Auditorium e. Seminar Halls f. Others, please specify	Campus facilities such as residential accommodation for faculty and staff, hostel facilities for boys and girls, auditoria, etc., are available. Other Facilities 1. Canteen 2. DTP and courier service 3. Bank 4. Active Learning Centre 5. Temple 6. Railway service 7. Post office 8. Grocery store 9. Garden restaurant 10. Parking 11. Dining hall	Confirmed.
(vi)	Sports facilities a. Open Play ground(s) for outdoor sports (athletics, cricket, football, etc.) b. Track for Athletics c. Basketball Courts d. Volleyball Courts e. Squash/Tennis Courts f. Swimming Pool (size) g. Indoor sports facilities including gymnasium h. Any other sports facility	i. Open Play grounds for outdoor sports (athletics, cricket, football) ii. Track for Athletics iii. Basketball Courts iv. Volleyball Courts v. Squash/Tennis Courts vi. Swimming Pool (size) vii. Indoor sports facilities including gymnasium Apart from the above facilities, the DU has a dedicated state—of- the-art Centre for Sports Science (CSS) which has been conceived with the vision to nurture and enhance Indian sports to International levels and has all the necessary infrastructure and international expertise needed for grooming our sportspersons. The modern structure spanning over 1.6 lakh square feet, CSS provides a perfect setting for the sportsperson or team's complete needs. CSS offers a host of multidisciplinary	Available

		services to the sports persons through a team of highly qualified and experienced full time professionals along with international experts in various key areas like Sports Medicine, Physiotherapy, Biokinetics, Biomechanics, Sports Nutrition and Sports Psychology. CSS is located alongside Sri Ramachandra Medical Centre & Hospital, one of the largest medical facilities in India which offers excellent world class medical care including minimally invasive Arthroscopy Surgery for sportspersons. The infrastructure is complete with State of the art Exercise Physiology labs; Isokinetic Testing and Training lab; A sophisticated Bio mechanical lab; Sports Rehabilitation Unit with Physiotherapy and Hydrotherapy; Multi-sports Testing/Training Hall; A High performance Centre; A World class Fitness Centre with an indoor running track; An international standard indoor swimming pool; Video and Game Analysis room; Sports Cafeteria Turf Sport Ground Boarding and Lodging facilities; Specialist consultation suites; Board rooms; Class rooms; Library; Sports Museum; Environmental chamber; a large Aerobics & Yoga Hall.	
(vii)	Are the following infrastructure facilities adequate as per the norms of the UGC/concerned Statutory Council(s)? a. Land and Buildings b. Class Rooms c. Laboratories and equipments d. Library e. Sports facilities f. Residential accommodation including hostels	Yes; Excellent Infrastructural and instructional facilities are available as per the norms of the UGC / Statutory Council concerned.	Agreed.

Note - The Expert Committee to specifically verify whether infrastructural facilities are as per the norms of UGC/concerned Statutory Council(s)

PART-IV GOVERNANCE

(i)	Are various bodies and authorities responsible for the governance of the Institution Deemed to be University in place and functioning as per the provisions contained in the UGC-Institutions Deemed to be Universities Regulations, 2016 as amended from time to time? If yes, constitution of theses bodies to be placed as Annexure.	Yes. Lists of members of Board of Management, Academic Council, Finance Committee, Planning and Monitoring Board and various Boards of Studies are furnished as Annexure - 3	Agreed.
(ii)	Whether regular meetings of these bodies as per the UGC Regulations were held? If so, dates of the Meetings held of such bodies during the last 2 years may be given.	Yes. Details of various Authorities of Sri Ramachandra University and its meetings held during the last two years have been furnished.	Confirmed.
	(Important decisions taken by these bodies during the last two years to be placed as Annexure)	Important decisions taken by these bodies are furnished as Annexure - 4	
(iii)	Whether all authorities such as Vice Chancellor, Registrar, Finance Officer, Controller of Examinations, Deans of Faculties, Head of Departments, etc. are duly qualified and appointed as per the UGC Regulations?	Yes. They are fully qualified and appointed as per rules.	Confirmed.

(iv)	What is the nature of association, if any, with the sponsoring Society/ Trust in the day-to-day functioning of the Institution Deemed to be University?	The Sponsoring Body/Trust viz., Sri Ramachandra Educational and Health Trust established Sri Ramachandra Medical College and Research Institute in 1985 and developed it as a model Medical College in the country by providing all state-of-the-art infrastructural and instructional facilities and appointing highly qualified and experienced Faculty members.	Verified.
		In view of its academic excellence, the institution was declared, on the recommendations of the UGC, as a Deemed to be University, under Section 3 of the UGC Act, 1956, by the Central Government in September, 1994.	
		The Sponsoring Body supports the University whenever financial and other assistance is needed. The Sponsoring Body has facilitated optimum utilization of the centralized facilities and services in the campus and thus paving way for huge savings to the University. Many of the Endowment funds for 'student prize' schemes in the University have been created by the Sponsoring Body.	
		However, the Sponsoring Trust never interferes with the day-to-day functioning of the University, which is taken care of by the Vice-Chancellor, Board of Management and other Authorities of the University as provided in the UGC Rules and Regulations.	

PART-V FINANCES

(i)	Whether accounts	of the	Yes, the bank accounts are maintained in the	Verified.
	institution Deemed	to be	name of Institution deemed to be university.	
	University are maintai	ned in the		
	name of the Deeme	ed to be		
	University or in the na	me of the		
	sponsoring Society of	Γrust?		
(ii)	Whether accounts	of the	Yes. The accounts of the Institution deemed	Confirmed.
	Institution Deemed	to be	to be University are prepared annually and	
	University are	prepared	audited.	
	annually, and aud	ited and		
	published?			

(iii)	Whether Annual Reports and Audited Accounts are submitted to the Ministry of HRD/UGC and available on the Institution Deemed to be University website?	Yes. They are submitted to the MHRD/UGC. The audited statement is made available in the University website.	Verified.
(iv)	Does the Institution Deemed to be university have adequate and independent funds of its own which makes it financially viable?	Yes	Reviewed the status with the Director (Finance & Accounts)
(v)	Sources of finance and quantum of funds available (copy of income-expenditure statement and audited accounts for the last three years to be placed as Annexure).	Please refer income expenditure statements & audited accounts for last 3 years. AUDITED INCOME AND EXPENDITURE ACCOUNTS OF THE UNIVERSITY FOR 2012-13 TO 2016-17 AND PROVISIONAL FOR 2017-18 400.00 350.00 200.00 163.45 186.9381.20 232.61 _{278.89}	Relevant documents verified.
(vi)	Whether Corpus Fund created and maintained in the name of Institution Deemed to be University as required under UGC norms	Yes. Corpus Fund created and maintained in the name of Institution Deemed to be University as required under UGC norms.	Verified.
(vii)	What is the Institution Deemed to be University's "Unit Cost" of education? (Unit cost calculated excluding the salary component may also be given)	The Tuition fee collected per annum for various courses offered by the Constituent Colleges is considered for calculation. Hence the "Unit cost" of education ranges from Rs. 46000/- to Rs 2350000/- in case of Indian students, while for NRI students the Unit Cost of education ranges from Rs.1,96000/- to Rs.23,84000/ The Unit cost is calculated excluding the salary component.	Verified
(viii)	Whether the income and property of the Institution Deemed to be University is utilized solely for promoting the objectives of the Institution? To	Yes. The income and property of the Deemed to be University is utilized solely for promoting the objectives of the Deemed University. There is no diversion of funds to the sponsoring trust.	Verified.

what extent is there diversion of	
funds to the Sponsoring Society/	
Trust?	

PART-VI ACADEMIC PROGRAMMES AND STUDENT ENROLMENT

(i)	Academic programmes/				verified	
	courses offered, intake	Year	Intake	Admitted		
	capacity and students	2014-15	1494	1251		
	enrolled during the last	2015-16	1616	1393		
	three years (Mention name	2016-17	1743	1526		
	of the course; BE, B.Tech,	2010 17	17 13	1320		
	MBBS, etc.)				Student intake	
(ii)	Is the sanctioned intake as per the norms/intake sanctioned by the concerned Statutory	councils. There a intake for Non c	Admissions as per sanctioned intake of statutory councils. There are no variations. The students' intake for Non council courses are approved by Board of Management, SRU.			
	Council(s)/UGC? Indicate				Statutory Councils and as	
	variations, if they exist,				per approval of	
	and reasons thereof.				the BoM	
(iii)	At what level is the	The University i	_	_	Verified	
	Institution Deemed to be	level. However	-	_		
	University offering	Diploma program				
	courses-Certificate/	by the Universit	y to enhance th	ie skills of the		
	Diploma/PG	students.				
	Diploma/Degree? Give					
	details.	UG PG PI	n.D Certificat			
			& Diploma			
		1.7	program			
		15 80	15 80 1 16 3			
(iv)	What is the justification	To give addition	_		The certificate	
	for running the	meet the man pov	ver needs of hosp	oital and Pharma	courses are	
	Certificate/Diploma	industries.			focused to	
	courses?	Certificate Course		3 11 (TTGGG)	provide special	
			alth Sector Skill (Council (HSSC)	skills in	
		and LSSDC	m 1 1		different health	
			ug Technology		care sectors.	
			ulatory Affairs			
			re Nursing			
		5. Neonatolo				
()	Wile the manner of C		hnician courses		D 1 41	
(v)	Whether approval of	Yes. Approvals		•	Reviewed the	
	relevant Statutory	statutory councils		_	documents	
	Council(s) such as MCI,	new courses and t			pertaining to	
	DCI, INC, BCI, NCTE,	Copies of approv	als of MCI, DCI,	PCI, INC, RCI,	approvals of the	

	PCI, etc. have been taken to start new course and to increase in-take?	AICTE are	concerned statutory bodies						
(vi)	Whether courses are also run in any other format (second shift/part-time / weekend)? If yes, information in the	M. Sc Indus Time), on reconducted of	Only one course M. Sc Industrial Hygiene and Safety 3 years (Part Time), on regular class room teaching mode conducted during the evenings and weekends for working professionals.						
	following may be provided in a tabular form:	Name of the Course	Second part-tin weeken any oth	ne /	No. of students enrolled	Whether approval of UGC obtained			
		M.Sc Industrial Hygiene and Safety	Part	time	3	-			
(vii)	Whether the Institution Deemed to be University is running courses under distance mode/on-line mode? If yes, give details as under:-	No. Institu running comode				•	_		
(viii)	If yes, whether approval of UGC was obtained to start courses under distance mode/on-line mode?	Not Applic	Not Applicable						
(ix)	How many Study Centres have been established?	Not Applic Deemed to			•	centres of t	the Agreed		
(x)	Number of students (Department-wise) enrolled under M.Phil/ Ph.D. programmes.	M.Phil prog Psychology 2012-13 2	Documents verified						
		Ph.D prog	8 ram	8	8	8	-		
			2013-14	2014-15		2016-17	-		
		45	31	52	47	33			
(xi)	How many Ph.D degrees have been awarded during the last three years, following the norms and standards laid down by the UGC in their relevant Regulations?	2014-15	2015	5-16	2016-17 42		Verified and found correct		

PART-VII CURRICULAR ASPECTS

(i) Curriculum Design and Development procedure.

Details of the academic flexibility and involvement of external experts in curricular designing

3 – Tier system for Curricular Design and development followed

- Department identifies need assessment through stake holders.
- Curricular committee recommends the curricular changes
- Approval by Boards of Studies (BoS) & Academic Council
- Academic flexibility is provided under CBCS for 26 UG-PG programmes and in Credit Based semester system in 2 Pharmacy programmes

Details of the academic flexibility and involvement of external experts in curricular designing

Over 50% of members of the respective BoS are from outside Institutions, Industries and reputed Universities. Similarly the Academic Council has also a sizable number of external experts.

The University has the following mechanisms towards curricular development:

- 1. Conceiving curriculum through interactive expert group meeting prior to placement in Board of Studies.
- 2. Establishment of Education Units on every faculty that facilitates curricular and faculty development.
- 3. Establishment of various Boards of Studies for framing and revising course curriculum
- 4. Academic council to approve courses / revisions proposed by Board of Studies.
- 5. National and international collaborations to promote national and community development and reflect global trends in curriculum.
- 6. Periodic inspections / recognition by regulatory bodies to ensure compliance with national needs.
- 7. Adjunct Professors faculty (including Fulbright Scholars) to provide global perspective to the curriculum.

During the last 5 years (2008-2013), 46 Boards of Studies in different disciplines have met to update curricula in all Faculties. Of the 108 programs (courses) offered by the University, 73 have been revised / updated during the post - accreditation period.

Details of curriculum design and development procedure were verified.

Data regarding participation of external experts in curricular designing was verified

(ii)	Curricular Planning and	Temporal plan of academic work in the Institution	Verified
	Implementation Strategy.	Deemed to be University CBCS / CBSS Semester	
	Temporal plan of academic	System/Annual system as per statutory council	
	work in the Institution	norms.	
	Deemed to be University-	The University implements programmes under the	
	Semester System/Annual	Semester System and Annual system, in addition	
	system.	CBCS.	
	•	Annual / Semester system Curricula follow the	
		recommendations of the respective Councils – MCI,	
		DCI, PCI, NCI, RCI, AICTE etc.	
		The Remaining Programmes follow the UGC	
		guidelines for Choice based Credit system since 2015.	
		The temporal plan of the Academic Programmes are	
		provided to the students through the student manual	
		prepared and released at the start of the academic	
		year. In addition, the CBCS handbook released	
		each year in electronic form is available to all for	
		academic calendar.	
		Flow chart of Implementation Strategy	
		 Identification & proposal of a new programme 	
		by the Departments / Education units	
		 Proposal taken up for needs assessment 	
		 As per Council norms or As per UGC norms 	
		 Consultation with experts for syllabus 	
		• Expert Members from outside the institution	
		and from within the institution	
		Advertisement of the Programme in National	
		dailies/ TV and on website	
		 Application forms are available online as well 	
		as hard copy	
		Applicants called for entrance exam/interview	
		Results of selection announced- on website	
		• Programmes commence during 2 nd week of	
(;;;)	Whather course evenient	July for admission batch Course curriculum:	The course
(iii)	Whether course curriculum		The course curriculum is
	is prepared by the Institution Deemed to be	For all the courses that come under the purview of	
	University on its individual	statutory councils, the regulations and syllabi as notified by the Councils team are adopted.	prepared by the University.
	merits or adopted from	However, improvements are made to offer newer	Omversity.
	other institutions /	teaching / learning modalities; experiential training	
	Universities?	to improve learning outcome among students.	
	Om vorsidos:	For Other programmes, the available UGC	
		guidelines are kept in view. Model curriculum has	
		been implemented to provide for learning by	
		advanced or self – directed learners.	
	<u> </u>		

(iv)	Whether courses	Yes; Courses conducted are innovative and	Confirmed
	conducted are innovative	interdisciplinary in nature. Details of innovation and	
	in nature? What is the	the panel of experts involved in the initiatives are	
	nature of innovation, give	given in course curriculum. It is prepared by the	
	details? Name the experts	individual department itself and not adopted from	
	involved in this initiative.	other institutions and universities.	
(v)	Whether institution is	Yes. All Programmes offered either focus on	Included.
	engaged in emerging areas	professional training, paramedical training,	
	of knowledge? If so,	paramedical skills training, basic medical sciences	
	mention the emerging	or management in health care. It is well supported	
	areas of academic	by teaching, research hospitals and advanced	
	engagement.	laboratories.	
		The following list of the programmes newly	
		introduced in SRU meeting the demands for	
		professional & paraprofessional health care related	
		programmes by stake holders.	
		2013-14	
		UG: B.Sc. Sports & Exercise Sciences	
		PG: M.D. Emergency Medicine, M.Sc. Medical	
		Radiology & Imaging Technology (Integrated 5	
		year course), M.Sc. Trauma Care Management	
		Super specialty: D.M. Neuro Radiology, M.Ch.	
		Neuro Surgery (6 years), D.M. Neonatology, M.Ch.	
		Vascular Surgery	
		2014-15	
		PG: M.Sc. Clinical Embryology	
		Super specialty: D.M. Medical Oncology, M.Ch.	
		Surgical Oncology (yet to be started. Awaiting	
		approval of Central Govt)	
		<u>2015-16</u>	
		UG: B.Sc. Clinical Nutrition, BBA (Hospital &	
		Health Systems Management)	
		<u>2016-17</u>	
		UG: B Sc (Hons) Medical Microbiology and	
		Molecular Biology	
		Bachelor of Occupational Therapy (BoT)	
		PG: M Sc. Perfusion Technology	
()		M Sc. Applied Child Development	
(vi)	Are the courses offered by	Courses offered by institution Deemed to be	Reviewed
	the Institution Deemed to	University are adequately diverse with focus on	
	be University narrowly	Medicine, Dentistry, Nursing, Pharmacy,	
	focused or adequately	Physiotherapy, Occupational therapy, Biomedical	
	diverse?	Sciences & Technology, Management, Public	
		Health with the hospital, patient care and	
	1	community care settings for training.	

		Annexure: http://www.sriramachandra.edu.in/university/pdf/campus_life/students_support/student_manual-2017-18.pdf	
(vii)	Whether the Institution Deemed to be University has implemented Choice Based Credit System (CBCS)? If yes, the details. If not, the reasons there for.	Yes, institution Deemed to be University has implemented Choice Based Credit System (CBCS) for all the UG and PG programmes that do not come under the purview of any of the Statutory councils with effect from 2015.	The features of the CBCS implemented for some of the courses were reviewed.
(viii)	Is the Institution Deemed to be University following proper procedure for formulation and revision of curriculum on periodic basis?	Yes, formulation and revision of curriculum are done periodically through the Boards of Studies and Academic Council.	Verified
(ix)	Details of the feedback mechanism on curricular aspects to be ploughed back into next cycle of revision.	Examiners are obtained either online through the university portal or through feedback forms which	Verified

PART-VIII ADMISSION PROCEDURE

(i)	Admission procedure followed by the University for various programmes /courses offered by it, including whether on-line admission test is conducted.	Admissions to Medical and Dental courses are made through NEET and Centralized Counseling for IDUs by DGHS, Govt. of India. For other courses All-India Common entrance test is conduced and admissions are merit based. For some courses admissions are made through interview. No Online test is administered at present, though the applications are made available for download online.	The committee reviewed the admission procedure followed by the University for the various courses.
(ii)	If admission is through a national level test, give details with number of examination centres	The admission procedure for MBBS and Dental from 2012 till 2015 was through All India Entrance Examination. The admission procedure for MBBS and Dental from 2016 to till date NEET & common counseling conducted by designated authority of Govt. of India. In respect of other courses the admission are based on the common Entrance Test /Interview at Sri Ramachandra University centre at Porur, Chennai	The details were verified.

(iii)	Procedure for admission adopted by the Institution Deemed to be University	Admissions to Medical and Dental courses are made through NEET, by Centralized Counseling for IDUs by DGHS, Govt. of India. For other courses All-India Common entrance test is conduced and admissions are merit based. For some courses admissions are made through interview.	Verified
(iv)	Whether information about admission procedure is available on the University website & in the prospectus?	Yes, full information is available including the tuition fee payable, in the university website and prospectus.	Confirmed
(v)	Whether Reservation policy of the Government is followed for admission to various programmes/courses?	For Institution Deemed to be University, reservation policy for admission is not applicable	Agreed
(vi)	Whether any Management Quota is available for admission? If yes, number of seats allocated in each course under this quota.	There is no separate management quota. All admissions are made on the basis of merit only as mentioned above under (i), (ii) & (iii).	Confirmed
(vii)	Admission policy for NRI and Overseas students.	In each course, up to 15% of the sanctioned strength is admitted under the NRI & Overseas students subject to satisfying the prescribed regulations in this regard. For Medical and Dental courses NRI and Overseas students are admitted through NEET and by centralized counseling.	Reviewed and found correct.

PART-IX FEE STRUCTURE

(i)	Course-wise fee	Course- wise fee structure which is based on	Reviewed.
	structure and its basis	Institution Deemed to be University fee fixation	
		committee's recommendations is provided	
(ii)	Are the students	Yes, the students are sufficiently informed in advance	Agreed.
	sufficiently informed	about the fees and charges payable in the application	_
	in advance about the	prospectus.	
	fees and charges	Fee fixed at the time of admission for that year batch is	
	payable?	maintained till completion of the course. Fee payment	
		details are duly published in the prospectus for each	
		course, apart from e-governance website of institution	
		deemed to be university & circulars.	
(iii)	Does the Institution	The Institution Deemed to be university follows	Agreed.
	Deemed to be	strictly the fees recommended by the Fee Fixation	
	University follow its	committee of the Deemed University which	
	own declared policy in	determines the fee structure of the courses once in 3	
	collecting any fees or	years span of time. There is no fee or charges levied	
	charges or are there	over and above the publicly stated /notified fee	

	some charges over and above the publically stated fee structure?	structures.	
(iv)	Are there any	Receipts are issued for all fees collection. Hence there	Verified and
	complaints in the	are no complaints in this regard.	found correct.
	mode of fees		
	collection without		
	receipts?		
(v)	Is the fee structure	Fee structure is determined by the University fee	Confirmed.
	based on a policy or	fixation committee as permitted by the Supreme Court	
	guidelines laid down	of India.	
	by the Government?		
(vi)	Is there any indication	Institution is registered as a not for profit Trust.	Verified
	of the Institution	Therefore Deemed University is not run solely or	
	Deemed to be	primarily for commercial gain, in any manner	
	University being run	whatsoever.	
	solely or primarily for		
	commercial gains?		

PART-X TEACHING-LEARNING, EXAMINATION AND EVALUATION

(i)	Has the institution set up an Internal Quality Assurance Cell (IQAC)? How has the Cell performed its	Yes, the institution has set up a Internal Quality Assurance Cell from 2009 onwards. Details of its performed functions are provided.	The IQAC performance was reviewed and found to be Good.
	functions?		
(ii)	Strategies of teaching-learning apart from classroom instruction provided to the students (Projects, Internships, Field trainings, Seminars, etc.)	All the programmes have projects and internship, Seminars for the students some courses have also prescribed field training eg. MPH. In addition they also have i) E-learning ii) Competency based learning iii) Annual Rapid Review Programs iv) Simulation based learning v) Practice based learning vi) Criativo vii) Project based learning viii) Edu-Carnival ix) Prodev and others	Verified and found to be correct.
(iii)	Does the institution follow the system of continuous internal evaluation? The extent of correlation	Yes, the institution Deemed to be University follows the system of continuous internal assessment. The extent of correlation between external internal evaluation is 50:50	Agreed.

(iv)	between Internal and External evaluation outcomes in the various courses offered by the institution. To what extent is technology incorporated into teaching-learning processes?	Technology is incorporated into the teaching-learning process to a large extent by way of LCD, Smart(black) board, e-learning method, skills lab, etc.	Confirmed.	
(v)	Examination reforms implemented by the institution, In terms of quality of testing instruments, conduct of examination, evaluation procedures and announcement of results.	Controller Of Examination Management Information System [COEMIS] is a versatile, purpose –built software, created over the past two years to seamlessly connect between the user departments and the information receiving system at COE office to gather data on student performance. Such data can then be processed for end semester examinations in real time for the purpose of conducting examinations, evaluation for all university programmes and creating the database for analysis of student performance. It includes a dynamic and user controlled programme for creating: • Examination registration process • Detained List • Hall tickets • Exam schedules • Collecting internal assessments for determining eligibility of candidates for University examinations • Programme to collect practical exam marks online • Post exam evaluation • Creating final results and applying the promotion rules • Creating and printing grade cards and mark sheets With the introduction of CBCS for the 26 programmes the entire process had to be evolved for accommodating new regulations, for improving the timely input of data, and tracking the performance of students. Such an e-Governance system has helped us to handle crisis situations like: • postponement of exams [due to natural calamities and others] • conducting exams in two sessions to reduce time taken for the process	Reviewed agreed.	and

(vi)	Student performance	en to pro Most impoinformation monitor st Student pe	on databas udent prog erformance	Verified						
	and learning outcomes as reflected by course- wise results for the	by Course Course	-Wise example - Wise		201 Appeared		201 Appear	Pas sed		
	last three years.	Under graduate courses	557	495	607	559	453	419		
		Post Graduate Courses	269	247	280	259	310	271		
		Super- specialty courses	21	21	19	15	-	-		
(vii)	Placement record of students, especially those enrolled in professional courses	The Placer respect to pursue hig various hot their profes whenever officers/Se Lecturers With respective Pharmacy effected the	Medical a ther studie espitals/cli ession; how there are venior Resi- in our univect to para Hospital		nd be					
(viii)	Is there a Grievance Redressal Mechanism as per UGC Regulations and is that working properly?	Yes, there University properly.							Agreed.	

PART-XI FACULTY

(i)	Number of	The deta	ils re	lating	to no	of p	ermar	ent fac	culty r	nembers,	Relevant				
	Permanent Faculty	_					of t	he sta	e statutory council document						
	(Institution-wise &	concerne									reviewed.				
	Department-wise)	Departme nt	Departme fraculty required as per the norms of UGC/ other Statutory Council(s) Faculty actually available												
			Prof	Asso Prof	Asst Prof	Othe rs	Prof	Assoc. Prof.	Asst Prof	Others					
		SRMC	42	90	145	113	129	101	136	142					
		Dental College	13	27	37		20	25	25	16					
		AHS	10	5	42	12	10	5	42	12					
		BMS	7	6	20		7	6	20	-					
		Managem ent	1	1	4		1	1	4	-					
		Nursing	4	7	20	40	4	7	20	40					
		Pharmacy	8	4	30		8	4	30	-					
		Physiothe rapy	3	4	5	1	3	4	5	1					
				l.	ı	1			I						
(iii)	Information about permanent/regular faculty to be provided in the following format (Institution-wise and Department-wise)	SRMC & Dental So AHS – 5 BMS – 3 Manager Nursing Pharmac Physioth Public H	Institution-wise permanent/regular faculty - 828 SRMC & RI - 508 Dental Sciences - 86 AHS - 58 BMS - 33 Management - 6 Nursing - 71 Pharmacy - 42 Physiotherapy - 13							Relevant documents reviewed.					
(111)	Details (Institution-wise and	Visiting Emeritus				ici Pro	iessoi	r – 39							
	Department-wise)					citing/	adiun	et facu	ltv da	etaile are	documents reviewed.				
	of the Temporary / Visiting / Guest Faculty	provided				_	aajan	et Taeu	ity de	cturis are	reviewed.				
(iv)	Whether Faculty is available commensurate with the number of students enrolled and as per the norms of the UGC/other Statutory Councils?	Yes									Agreed.				

(v)	Faculty- student ratio (per	1:8	Verified.
	programme and per institution)		
(vi)	Is the proportion of permanent faculty adequate or is the Institution Deemed to be University being mainly run by deploying contractual faculty/ guest faculty/part-time faculty?	Permanent Faculty are more than adequate for running the various courses as stipulated by Statutory Councils.	Confirmed.
(vii)	Whether faculty available is well qualified and experienced for the courses as per the norms of the UGC and other Statutory Council(s)	Yes, Faculty available are well qualified and experienced for the courses as per the norms of the UGC and other Statutory Council(s), with experience ranging from 5 to 30 years.	Agreed.
(viii)	Teacher Quality	The Faculty development programs of Education units of SRU, refresher programs, CMEs, workshops provide periodic orientation. Conferences, seminars and funded research projects build their capacity further to meet updated curricula.	Reviewed and the measures taken were found to be good.
(ix)	Procedure of recruitment of Faculty	Faculty recruitment is based on the norms stipulated by UGC, MCI, DCI, INC, PCI, AICTE and RCI. The vacancies are advertised in the University website. A selection committee screens the applications and conducts the selection process. At the interview, knowledge, skills and attitude of the candidates are assessed and internal merit is determined. Based on the selection committee's recommendations, appointment orders are issued. All faculties are encouraged to perform to their full potential. Well performing faculty are provided with Performance linked incentives. Thus the faculty retension rate is high in the University 36.4% for more than 15 years and 21.32% for more than 10 years in the Deemed to be University.	Confirmed.
(x)	How is faculty appraisal conducted? -Self-appraisal -Peer Review	Reviewing the appraisal by the immediate superior, feedback was provided immediately to the individual concerned. Some faculty members were also counseled by the Dean of Faculties. Deans/Principals of Faculties conduct meetings with the constituent departments and	Agreed.

	-Students Evaluation -Others (Specify)	agenda. T system has from 2011 Introductio (PLIS) from for maxim consultance members	The Acade so been important for appoint of Performance the year 2 mizing teady, and resouthave been	mic Performation Performance Library as a ching, headured mobilization in the performance Library as a ching, headure mobilization performance performance mobilization performance performan	rmance In as per UG promotion inked Ince a motivation lth care, ation poter ed. Above	nce based of dicator (AP). C Regulation of teachers entive Schemenal mechanism research and tials of faculties all, student eightage.	I) as s. e m d
(xi)	Pay-scales, Service Conditions and Allowances of the Faculty (Mention whether UGC Pay- scales, State Government Pay- scales or any other.			versity is fo			Verified.
(xii)	Facilities provided to the Teaching Staff	 Earned Staff Qu Food at Health I Crèche Materni Study le 	nt Coverage Leave Enca Larters subsidized Insurance-S for Children ty leave eave	shment rates Self & Depe			Verified.
(xiii)	Department-wise number of faculty with Ph.D. qualification		qualified fa	culty are on			Verified.
(xiv)	Ratio of Faculty with Ph.D. to total number of Faculty (Institution-wise and course-wise)	1:8					Verified.
(xv)	Ratio of teaching to non-teaching staff (Institution-wise)	1:20					Verified.
(xvi)	National/Internation al Award/Honour for the Faculty	2012-13	2013-14	2014-15	2015-16	2016-17	Verified.
(xvii)	Faculty Empowerment Strategies	both acade	mic areas a	and health o	care by all	npowerment i owing them to s and sanctio	О

the travel allowance and registration fee. Young faculties
are provided 'Research starter grant' called GATE project
grant. The institution also reimburses publication costs and
also provides for a study leave / sabbatical leave. The
performance linked incentive scheme (PLIS) also serves to
facilitate faculty empowerment. The faculty development
programs also serve as modalities to empower faculty.

PART-XII RESEARCH

- The institute has a well defined research policy.
- The faculty and students are encouraged to undertake active research by way of providing seed grant @ Rs. 1,00,000 per investigator(GATE), scholarships, stipends like Chancellors fellowship, Chancellors summer research fellowship, certificate of merit and the like.
- Orientation program for getting research grants, for updates in research methodology and for scientific writing is regularly organized.
- The research monitoring committees in various areas of research are systematic in their approach.
- Support for publication of research by way of stepwise fine tuning using a innovative software "Resurgence" is a novel approach.
- Encouraging results are facilitated for patenting 30 patents have been published and 1 patent has been awarded.
- Overall till date the 5396 publication since 2012.
- The faculty and staff are supported financially and morally for presenting their research findings in national and international conferences.
- The presentation and publications of the faculty and students are given due recognition by highlighting them in the University website, reports and by way of awards
- Research Ambassador mentor, Research Ambassador and Aspiring Research Ambassador are innovative practices in research

Facu	lty		
(i)	Whether permanent qualified	Yes	Agreed.
	teachers are available to guide		
	students in research? If, yes;		
	a) Number of permanent	266	Verified.
	teachers		
	b) How long they have been	More than 25 years – 52 faculties	Verified.
	there?	More than 20 years – 66 faculties	
		More than 15 years – 108 faculties	
		More than 10 years – 160 faculties	
	c) Whether qualified to be a	Yes	Confirmed.
	Research Guide in terms of		
	conditions laid down by the		
	University for approving a		
	faculty to be a Research		
	Guide?		

	d) Maximum number of students per Research Guide	6	Verified.
	e) Total number of students under all the Research Guides	322	Verified.
(ii)	Attrition rate of Teachers	0.70	Verified.
ii.	Research Students		
	a) Criteria for selection/ admission to Ph.D	As provided in the Regulations governing the Ph.D. program of the DU, admissions to the program is are merit based through an Entrance Examination and subsequently by interview by the Ph.D admission Committee	Verified
	b) Number of NET qualified Ph.D students	One – BMS	Verified.
	c) Number of Stipendiary students	All full-time Ph.D students are Stipendiary only. No Non-stipendiary student is permitted for admission to Ph.D programme of Sri Ramachandra University. 252 + SRU Chancellor Fellowships (81) = 333	Verified.
	d) Source(s) for the stipend	DST / SERB, UGC, DST – INSPIRE, ICMR, DBT, LSRB / DRDO, CSIR, DAE / BRNS, AYUSH / NIS, AERB, CMC Association, CITI, Endocrinology, Diabetes and Metabolism, PGIMER TTK LIG Ltd, Primer Academy of Medical Sciences, Rainbow Agro Foods, Research Associates Fund, JIV Daya Foundation, Chancellor Fellowship (2012-2017)	Verified.
		International Agencies Emory University, European Union Council, Fogarty International Centre, Global Alliance for Clean Cook Stoves, UN Foundation, Public Health Institute, CDC, USA, NIH, Swedish International development cooperation agency, WHO, UTAH, Tuft University USA, Transforming faces	
	e) Number of non-stipendary students	Non-stipendiary Ph.D. students: Nil All full-time scholars are with stipends / fellowships only	Verified
	f) Number of Ph.D. degrees awarded during the last three years	126 (2014-17)	Verified.
	g) Whether outsourcing of Research Guides (external Guides) in the	There is no outsourcing of research guides. The Primary Guides for all Ph.D. Scholars are only the Faculty members of SRMC&RI(DU).	Verified.

	name of collaborate has been resorted the institution? I provide details them	to in strict adherences. to in strict adherences.	on of Research Guides is made brence to the UGC Ph.D. Regulat			
iii.	Publication (During	Publication (During the last 5 years)				
	1. Number of	3562	Verified.			
	Publications year-wise, for last 5 years, with	YEAR	TOTAL PUBLICATIONS			
	details	2012	490			
		2013	511			
		2014	695			
		2015	753			
		2016	797			
		2017*	316			
		TOTAL	3,562			
	2. Cumulative impact factor of all faculties for the last 5 years.	■2012 ■201	2495.429 2012 2013 2014 2015 2016 2017 213.755 342.247 414.163 531.684			
	3. h-index of the Institution Deemed to be University from Scopus for the Assessment period.	52 60 50 40 30 20 10 0 20 h-Index 30	12 2013 2014 2015 2016 2017	Verified.		

	4. h-index of individual from Scopus for the Assessment period.	Number of faculties having h-index – 260						Verified		
	5. Citation index of all faculty (individual) for the last 5 years	Citation l	Citation Index of all faculty - 11510							Verified.
	6. Number of papers of individual faculty with first authorship/ corresponding author/or last author of Faculties for the last 5 years	Number of papers of individual faculty with first authorship/ corresponding author/ or last author of Faculties – 1662						Verified.		
	7. Books by reputed									Verified.
	Publishers	T	ype		N	os.				
		Authore	d Book				27			
		Book Cl				14	13			
		Books E					5			
		Monogr	aphs			1(5			
		Total				10	30			
	8. Number of									Verified
	Patents awarded/filed	Status- Acad. Year	2012	201	2014	2015	2016	2017	Total	
	with their details	Awarded	1	-	-	-	-	-	1	
		Publishe d	2	2	1	4	2	19	30	
		Total	2	3	1	4	2	19	31	
				•				•		
iv.	Research Funding (d	uring the	last 5	years) and R	elated l	Details			Varifical
(i)	Sponsored funding from Government	Year		S	ponsore	М				Verified.
	Agencies such as	1 Cai			unding	u				
	DST/DBT/ICMR/U	2012 – 13 2013 – 14			4.057 cr	ore				
	GC, etc.				.328 cro	re				
		2014 -			.459 cro					
		2015 - 1			.372 cro					
		2016 -	17		1.219 cr					
(ii)	Consultancy through	Total		6.	3.435 cr	ore				Verified.
(11)	Consultancy unough									v erriteu.

Industries

Clinical Trials						
Projects	Amount					
15	34.44 Lakhs					
11	21.96 Lakhs					
7	14.94 Lakhs					
14	58.96 Lakhs					
28	81.49 Lakhs					
75	211.79 Lakhs					
	Projects 15 11 7 14 28					

R & D Projects to industries Testing services

Year	Projects	Amount
2012 – 13	76	5.63 Lakhs
2013 – 14	74	6.06 Lakhs
2014 - 15	62	3.55 Lakhs
2015 – 16	51	3.25 Lakhs
2016 - 17	44	3.66 Lakhs
Total	307	22.15 akhs

IH Consultancy							
Year	Projects	Amount					
2012 – 13	24	20.91 Lakhs					
2013 – 14	16	32.59 Lakhs					
2014 - 15	5	5.34 Lakhs					
2015 – 16	9	12.58 Lakhs					
2016 - 17	3	2.94 Lakhs					
Total	57	74.36 Lakhs					

Pre-clinical toxicology studies (CEFT)							
Year Projects Amount							
2012 – 13	16	5.63 Lakhs					
2013 – 14	34	9.32 Lakhs					
2014 - 15	28	10.40 Lakhs					
2015 – 16	59	62.11 Lakhs					
2016 - 17	33	36.12 Lakhs					
Total	170	122.84 Lakhs					

Startup company -Vclinbio

2013-2017 : **Total: Rs. 71.40 Lakhs Grand Total : Rs. 502.54 Lakhs**

(iii)	Details of Foreign Collaboration / MoU signed & Funding after MoU	105 (56 MOU's are operational of which 18 are with foreign collaborators and 38 with industries) 80 70 67 60 40 38 30 20 10 BEFORE 2012 AFTER 2012	Reviewed the list of MoUs
(iv)	Any noteworthy outcomes of foreign collaboration?	Yes, MoU have facilitated Faculty exchange that have contributed to the research and widened the Institution's academic knowledge.	Verified.
(v)	Steps taken by the Institution Deemed to be University for promotion of research	The University follows a well defined and proactive research policy as defined in the SRU Vision 2025 document, with the aim to elevate SRU as an International Center of Excellence particularly in Translational Medical Research and Biomedical Nanotechnology by 2020. The 'Research Vision' of Sri Ramachandra University is to evolve the University as an "International Centre of Excellence in Translational Medical Research and Biomedical Nanotechnology". SRU follows a 'Bench to Bedside' translational approach. The research promotion strategies in the post accreditation era are: Support for PhD candidates by the Chancellor Research Fellowships (81) and other incentives (252); Young Faculty Research Starter grants – GATE projects, Rs 1,00,000/- each (104); Integrated MD/MS – Ph D program with financial support by ICMR (27); and Summer Research Fellowship for UG students - Rs 10,000/- each (347). The positive impact of above measures have been reflected in the increase in Ph D demand (applications: admission) ratio from 1:1.5 in 2008 to 1:3.6 in 2013; Increase in UG – Summer Research Fellowship applicants from 27 in 2011 to 75 in 2017 and afterwards; the number of GATE projects received/applied has increased from 7/20 in 2008 to	

		15/33 in 2017; increase in budgetary support for recurring expenditure from Rs 1.22 crore in 2008 to 7.2 crore in 2017. Statutory and non statutory Committees for Research Advisory role, Ethics and Publication Oversight are in place and they effectively ensure the quality of Research. The Central Research Facility (CRF) is equipped with high tech sophisticated equipment and trained personnel. The quality profile of Research publications are analyzed every year by Central Research Facility (CRF). The Central library has 40,647 books, 487 hard copy journals and 430 e-journals. SRU has conducted 45 Research related workshops, 590 conferences / Seminars in last 5 years. 56 MOU's are operational of which 18 are with foreign collaborators and 38 with industries.	
(vi)	Details of the Resource Mobilization for Research	During the post accreditation period, 14 Departments of SRU have been recognized as Centers of Advanced/ Focused Research by National (ICMR/ AYUSH/AERB/BARC/DST etc) and International agencies (WHO). Eleven Centers of Research by SRU have been created of which two have been selected for enhanced funding. The Research budget allotted by the management registered a perceptible increase for supporting Chancellor Fellowships and other research projects (from Rs 1.22 crore in 2008 to Rs 2.14 crore in 2012). A total of 98 major funded research projects have been granted in last 5 years with a grant of 6343.77 crores against 90 projects in the previous 8 years (2014 – 12) with Rs.19.91 crores grants. IPR protection through patent applications is facilitated through IPR Cell. 31 patents have been filed during the post accreditation period and 1 US patent has been awarded and commercialized.	Noted as a significant step to promote research and resource mobilization.
(vii)	Research facilities available	The CRF is a 25000 sq ft, exclusive facility with a sophisticated instrumentation laboratory containing the latest equipments. CRF also has the (i) Centre for Life style diseases; (ii) Centre for Stem Cell Research; (iii) Centre for Indian Systems of Medicine and (iv) Centre for preclinical and Translational Medicine. There is also the FDA audited and DCGI Registered Clinical Trial Division. CEFT is a 15000 sq ft, CPCSEA approved, GLP compliant small animal facility. Undertaking preclinical toxicology studies for Sri Ramachandra University – Researchers and outsiders / Industries. SRU has a Medicinal Herbal garden in	The members visited the CRF and reviewed the facilities.

		addition to the research facilit Research recognized by Nati- agencies and 11 SRU Centers areas.	1	
(viii)	Details of the Research Labs available	A Central Research Facilit facilities has been established we crore by SRMC& RI (DU) with sq. ft in an exclusive area of University. It has a Sophist Laboratory, clinical research epidemiology division, Project and documentation unit; Herbard medicine research Laboratory as Stem cell laboratory, instrumentation centre hou equipments, walk in cold reincubator (+37°C) cryo-preserved 146°C), deep freezers, digit industry liaison centre with the administrative office, certified of this unit is situated as a separation that the serious property of the serio		
(ix)	Details of the Extension Activities and Institutional	Extension Activities and Responsibility	l Verified	
	Social Responsibility	Name of the Programmes	Beneficiaries / Participated	
		Camps Awareness Program on World No Tobacco Day Preventive programs for dental diseases on Oral Hygiene Day Privileged dental care for senior citizens Chinmayi Live-In Concert	74 students participated 300 MBBS Students	
		Blood Donation Camp Medical Health Camp NATIONAL SERVICE SCHEME (4 villages)	120 Donors 180 people benefited 300 NSS Volunteers from all Constituent College of the	
		Alumni Outreach Programme	Deemed University 125 members benefited	
		The Tree Plantation and Meditation program	36 students participated	

<u>WALKATHON:</u> "Walk for our Elders" on Chennai Elder's Day 2016 program was organized by Health above 60, a Geriatric Home Health Care & Front Enders Foundation at Marina Beach, Chennai on 1st October 2016. 20 students were participated.

MARATHON: "Run to donate" program was organised by Youth Exnora International (YEI), Triple V Records, RACE Institute, iWATCH at Marina Beach, Chennai on 1st October 2016.

Other Community services

S.	Name of the camp /	Venue	Total
No	community service		participants
1	Speciality clinics in	Primary	728
	2017 Jan to Dec	Health	patients
	(Public-Private	Centres-	
	Partnership alliance)	Nemam &	
		Mugalivak	
		kam	

SRMC & RI (DU) has entered into a Public-Private Partnership alliance as per the National Rural Health Mission (NRHM) initiative with the Government of Tamilnadu as a donor to the Patient Welfare Societies of 2 Primary Health Centers at Nemam and Mugalivakkam from the month of September 2008. Specialists Services at each of the above Primary Health Centres are provided as per the schedule on fixed days every month. The number of patients examined in Specialty Clinics in the Primary Health Centres Mugalivakkam and Nemam during the period between Jan 2017 to Dec 2017 is given below.

	T	1					
		Speciality	PHC		PHC	Total	
			Mugalivakk Daily serv		Nemam	0	
		Dental		106	9	9 116	
		Dermatology ENT		45	19	64	
		Medicine		64	16	80	
		OBG		126	182	308	
		Ophthalmolog		24	43	67	
		Paediatrics		39	45	84	
		Tamil Nadu		37		01	
		Chief Minister	•	-	-	15	
		Health Camps					
		Founder – Chancellor Shri.N.P.V. Ramasamy Udayar Free Multispecialty Medical Camp				11	
		Free Multispec	cialty Camp for PI	IC. R	HTC	122	
			Total	- ,		876	
(x)	Collaboration with other Institutions/						
	Industry	YEAR	Collaborations	No	Amo	ount	77 'C' 1
		2012 – 17 C	Clinical Trials	75	211.79)	Verified.
				Lakh			
		i	R & D Projects to ndustries Testing ervices, etc	307	22.15	Lakhs	
		te	Pre-clinical oxicology tudies (CEFT)	170	122.84 Lakhs		
			H Consultancy	57	74.36	Lakhs	
			-Vclinbio		71.40 Lakhs		
		Consultancy C	Grand Total: Rs.	502.5	54 Lakhs		

(xi)	Complete detail	National Agencies		Verified
	about students	DST / SERB	107	
	fellowship and	UGC	2	
	projects from	DST - INSPIRE	2	
	various agencies	ICMR	50	
		DBT	6	
		LSRB / DRDO	10	
		CSIR	2	
		DAE / BRNS	3	
		AYUSH / NIS	6	
		AERB	1	
		CMC Association	4	
		CITI	1	
		Endocrinology, Diabetes and Metabolism	5	
		PGIMER	3	
		TTK LIG Ltd	1	
		Primer Academy of Medical Sciences	1	
		Rainbow Agro Foods	1	
		Research Associates Fund	3	
		Total	208	
		International Agencies	200	
		Emory University	16	
		European union Council	1	
		Fogarty International Centre	1	
		Global Alliance for Clean Cook Stoves,	2	
		UN Foundation, Public Health Institute,	2	
		CDC, USA		
		NIH	6	
		Swedish International development	7	
		cooperation agency	,	
		WHO	1	
		UTAH	5	
		Tufts University USA	2	
		Transforming faces	2	
		JIV Daya Foundation	1	
		Total	44	
		SRU Chancellor Fellowship (2012-2017)	81	
		GRAND TOTAL	333	
(xii)	Scholarship/Fellows	UG – 59		Verified.
	hips instituted by the	UG – Summer Research Fellowship - 344		
	Deemed to be	SRU Chancellor Fellowship - 81		
	University			
(xiii)	How would you rate	Showing a promising positive trend in research		Agreed.
	the research profile	since inception. State of Art research fac-	ilities to	
	of the Institution	encourage students and faculties.		

Deemed to be University in terms of research orientation, environment, facilities and output?

- Sophisticated Instrumentation Laboratory.
- Epidemiology Research Division.
- Clinical Trial Division.
- Exclusive Research Governance Division.
- Centre for Toxicology & Developmental Research.
- Herbal Garden.

Specialized Clinical & Biomedical centre of:

- Centre for Life Style diseases modification and prevention.
- Centre for Indian Systems of Medicine Quality Assurance and Standardization.
- Centre for Regenerative Medicine and Stem Cell Research.
- Centre for Biomedical Nanotechnology.
- Centre for Pre-Clinical and Translational Medicine & Research.
- Centre of Sports Sciences.
- Health Professional Education & Faculty Development.
- Centre for Global Collaboration.
- Centre for Healthcare Quality & Patient Safety.
- Centre for Perinatal Sciences.
- Centre for International Patient services.

PART-XIII STUDENT SUPPORT AND PROGRESSION

(i)	Details of the Student Mentoring and Support	Students are allotted to the mentors randomly in the beginning of the academic year. Each mentor will be mentoring 6-7 students at a time.	Verified.
		Around 7-8 meeting will be held between the mentors and mentees, at the rate one meeting probably at the end of each block. Meetings can be formal or informal. Formal meetings take place at	
		the predefined timings, where the discussions will be centered on academic performance, regularity of attendance and other personal matters if any. Informal meetings also take place during practical or typeriols or discostion classes.	
		or tutorials or dissection classes. The students who need higher level of attention will be brought to the knowledge of the head of the department; the same will be conveyed to the dean	
		of the college also. There are regular meetings between the mentors and the respective department	

(iii) Details of the Student Progression (iii) Participation by students in various activities	heads. The mentees also seek the help of mentors for doing projects, writing articles for publications as well as for presenting oral or poster papers in conferences. • The final year B. Pharm students are given GPAT training • USMLE for Medical students • Campus conclave was conducted to assist in placement of students for the month of April & May 2017. • Slow learners lists are prepared and counseling done by the Deans • Remedial sessions are conducted for the slow learners. • The importance of research publications were explained to the Under Graduate and Post Graduate students during the orientation program. • Awareness created about online system of reporting the choice of elective for the students of CBCS program was initiated by IQAC. • Four Students going for training in centers abroad UG to PG higher studies. Curricular & Extracurricular activities like Sports, Cultural programs including Music, Dance Fine arts in the University and outside University. The MBBS students organize Ignitra '17, the 2017 edition of Sri Ramachandra University's Annual Cultural Fest was held on the 26th, 27th, 28th of September 2017. Minor cultural were held on the 8th, 11th, 12th of September 2017 under the banner "Netru Indru Naalai". Ms. Helen Shwetha.C of Biomedical Sciences, First year, had participated in the Oratorical competition conducted in view of the Sardar vallabhbai Patel Birth day celebrations by the Central Government of India on 15th October, 2017. She won the first place and she will be awarded with cash prize by our Honourable Vice-President of India on 31st October 2017.	Verified
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(iv)	Are there adequate support facilities for students, including those for disadvantaged students?	Yes. Support facilities are provided by Ramps for Physically challenged students, Lift facilities in all the buildings, Support and mentoring by faculty	Verified.
(v)	Does the Institution Deemed to be University provide any financial help to the students from socially disadvantageous groups? If yes, please give details	 There is no fees for students of Ward Technician course No hostel fees for Diploma Nursing students Student concession are given to students in need Merit cum Means scholarships for meritorious and economically weaker students. Founder Chancellor Shri NPV Ramaswamy Udayar Fellowships for doing full time Ph.D Summer Research Fellowship for UG students 	Confirmed.
(vi)	Are the prospective students and students adequately informed?	Yes, Information is provided in the Website and in the Student Manual. www.sriramachandra.edu.in	Verified.
(vii)	Any other facilities for student to enrich their life on the campus	 Well equipped Gym with trainer, Swimming pool with facilities for training, Basket ball court, cricket ground, Tennis court and other sports activities are encouraged and supported by the physical education department Fine arts club for students interested in music and dance, Quiz and debate clubs, monthly book reviews. Various student groups who engaged in social work in rural settings. 	Confirmed.

PART-XIV MISCELLANEOUS

(i)	Details of extension, co-	Details of extension, co-curricular and extra-	Reviewed	and
	curricular and extra-	curricular activities are furnished	confirmed.	
	curricular activities	SRU conducts sports and other competitions, for		
		Faculty and Staff every year.		
		SRU conduct the training programmes for Faculty		
		and Staff.		
		Annexure - 9		

(ii)	Is the non-teaching staff adequate, well qualified and paid as per the norms of the Government	Yes	Agreed.
(iii)	Whether Convocations are held?	Yes. Convocations are conducted twice a year.	Confirmed.
(iv)	Accreditation status of the institution (copy of the accreditation letter to be placed as Annexure)	 SRU Re-Accredited by NAAC (cycle-2) at "A" Grade level with CGPA of 3.62 on a 4-point scale in 2014. GLP accreditation of Centre for Toxicology & Developmental Research (CEFT) Atomic Energy Regulatory Board (AERB) Re-accreditation of Biodosimetry laboratory at Human Genetics Department. First teaching hospital in India to be accredited by Joint Commission International (JCI) Sri Ramachandra Medical Centre reaccredited by National Accreditation Board for Hospitals & Healthcare Providers (NABH) NABL re-accredited Sri Ramachandra Laboratory Services NBA accredited B.Pharm course; LSSSDC accredited QA chemist programme. Accredited as A+ by ICRA Ltd (Investment Information and Credit Rating Agency of India Ltd.) denoting stable financial strength. 	Confirmed.
(v)	Future growth plan of the University	 Under Prime Minister Skill Enhancement Program, Innovative Job Oriented program will be started under life sciences sector, skills development council and Health Care Sector skill development council. Under Swatch Bharath scheme more villages will be adopted by SRU. Jan Aushadhi scheme planned to make generic 	Reviewed the future growth plans with University officials.

		 drug available to the community at cheaper cost. Faculty workshop for creating quality question bank to be organized. Examination reforms: Digitization of evaluation process Improving and matching infrastructure to achieve global standards and achieve the distinction of ranking SRU a 'Model' Health Science University. e-MOODLE expansion for clinical subjects & NPTEL project for developing content for "elearning". Submitting SRU as an applicant for the "Institution of Eminence Deemed to be University" scheme of UGC/MHRD, Govt. of India. 	
(vi)	List of innovations by the Institutions Deemed to be University	Faculty: Academic Performance Indicator system is followed across the university for all faculty members Governance: • E – governance software, SRU-Connect developed "in house" • Ten annual Endowment Orations instituted by the Deemed to be University 2 for Medical College and one in each at other faculty. • HRD with training centre conducted Pranayama and soft skill development program for faculties and staffs.	Verified
		Teaching Learning:	
		 COE office has developed the COEMIS and implemented it in all the Examination/Evaluation process. Developed and implemented the e – 	
		Governance software for CBCS program.	
		 Research Recognition and awards for faculty in research and publication in high impact factor journals have been increased. Central Research Facility of the Deemed to be University organized several Research Capacity Building workshop for faculties to facilitate writing quality manuscripts for publications and research 	

project proposals to funding agencies.

Infrastructure

- Establishment of Centre for Sports Sciences as a world-class facility recognized by the Sports authority of India, BCCI and ICC.
- Faculty of Public Health was established, as a constituent unit of SRU

Students

- The Student council takes the responsibility of conducting orientation of first year courses across the University conducted every year, which has shown a positive impact on the new students in areas like anti-ragging, professional ethics, etc.
- Founder Chancellor Merit cum-Means Scholarship scheme for students of economically and socially weaker sections every year.
- Placement cell of the Deemed to be University conducted Career orientation and enhancement program to facilitate job opportunities.

Students Progression

 Facilitation of student extracurricular activities – Creation of Tamil Mandram, Vetri Nittchayam, Fine arts club, Humour Club, Music Band, Humanities Club, and Magazine titled "15 minutes".

Extension

- An initiative by students of SRU through "Med Hope" Foundation to support medical treatment for children with Leukaemia by fund-raising events, etc., organized with the collaboration and Department of Paediatrics and Hemato Oncology.
- Smile Chennai by the Dental College
- "Longitudinal Village Adaption Scheme" through NSS and the Rural Health Centre of SRMC & RI (DU) at Vayallanallur.

IQAC: IQAC as the dynamic quality enhancing body of the Deemed to be University has organized yearly programmes. National Conference on ICT in Teaching-Learning and

Research funded by NAAC to improve teaching	
Research funded by NAAC to improve teaching learning process. (vii) Steps launched by the institution towards creating environmental consciousness in the campus The Deemed to be University has been ranked 3 rd with various initiatives of Energy conservations, use of renewable energy, rain water harvesting throughout the campus constructions and water recycling plant within the campus. More importantly we have a campus that is compliant to energy efficiency and safety regulations. The campus also address to providing a calm and serine environment by the effort taken to plant trees and also tree transplantations on the green belts within the university as per the Central pollution and Centres Board. With introduction of E governance (SRU -connect) the usage of paper with in the Deemed to be University has been reduced. We have functional Radiation, laboratory and hazardous material safety committee and biomedical waste management committee certified by the Government of Tamil Nadu. The medical centre maintains a great deal of regard for the hospital and patient safety. The Deemed to be University has an established bio safety committee for genetic recombinant research. The university Biomedical Engineering department helps implement the e-waste management policy and its implementation. Rallies were conducted to highlight the environment consciousness both to the public and the individuals in campus. (7/3/15)	

- Eco walk rally was conducted on 7th
 March 2016 in campus to highlight the
 importance and consciousness of creating
 better environment.
- Environment awareness and campus environment day was celebrated every year in the month of March to raise awareness among public and individuals in campus to take positive environmental action to protect nature and the planet earth.
- Campus Green audit was conducted
- Construction of Artificial Lake (Width: 65 mtrs, Length: 650 mtrs) within the University campus. It also serves as a reservoir for rain water harvesting and helped preventing water logging inside the campus during the floods in Dec 2015.
- Continuous and frequent fire drills conducted within the university campus to ensure prompt fire control and environment safety.
- Environment awareness and campus environment day was celebrated on 04/06/2016 to raise awareness among public.
- Safety week was celebrated in the University between $26^{th} 30^{th}$ September 2016 to inculcate safety behaviour and culture within the campus.
- Publication oversight committee (POC), Institutional ethics committee (IEC) proposal submission to monitor research quality.
- Bridges SRU news letter as a go green initiative given access in the SRU portal for online submission and view.

A go-green initiative organized by Environmental management cell of the university was conducted on 03.06.2017 where eco friendly saplings are planted within the campus.

(viii)	List of some of the best practices which characterize the Institution Deemed to be University	 Safety and Utility Audit of University facilities New, innovative and socially relevant programmes are introduced Recognition of High Quality Research Publications by Awards & Certificates Research capacity building training by Fulbright Scholars. NSS Activity on Adoption of three villages to create a healthy environment with respect to open defecation, Garbage and Disease free 	Verified.
(ix)	Whether the Institution Deemed to be University is updating its website regularly and all the information about infrastructure, faculty, courses, fee structure, admission procedure, etc. is available on the website?	villages. Yes	Confirmed.
(x)	Whether the Institution Deemed to be University has established cells such as Placement Cell, Anti Ragging Cell, Gender Sensitization Cell, Anti discrimination Cell, etc. (copy of the constitution to be place as Annexure)	Yes. Details are furnished as Annexure - 11	Verified.

(xi) Some major areas of strength of the Institutions Deemed to be University

National Institutional Ranking Framework (NIRF) released by Govt. of India in 4th April 2017. SRU ranked 39 out of 724 universities & Pharmacy College ranked 19 out of 316 Pharmacy Colleges in India.

Agreed.

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

The India Today Survey has ranked the DU at the 3rd place among Medical Universities and 6th among the top 10 Medical Colleges in India.

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

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

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

SRU has been accredited by the Health Care Sectors Skill Council and Life Sciences Sector Skill Development Council to conduct various

		skills development program under Govt. of India.	
		Expansion of dedicated facility for treatment of cancer with state of the art infrastructure for Oncology and related sciences.	
		Central Research Facility of SRU has evolved as R & D and Quality Assurance Centre which is now emulated by other medical institutions in the country.	
		Alumni Cell has been strengthened with formal online registrations and to facilitate greater engagement among alumni through web, "Alum Book" a social network has been started.	
		Sri Ramachandra Arthroscopy and Sports Sciences Centre (SRASSC) have been renamed as "Centre for Sport Science" (CSS) by increasing the training capacity and have achieved National and International recognition. It has attracted global talents as visiting faculty / trainer and is involved in training premier athletes. CSS has been approved by BCCI and ICC as the training centre for their players.	
		First teaching hospital in India to be accredited by JCI (Joint Commission International), USA.	
		NABH (National Accreditation Board for Hospitals & Healthcare Providers) accredited hospital.	
		NABL accredited Sri Ramachandra Laboratory Services	
(xiv)	Areas of weakness of the Institution Deemed to be University which can be improved upon	 Research publication in high impact factor indexed journals can improve. The number of sponsored research projects has to be further enhanced as at least 1:1 ratio of every faculty member. Technology transfer and Commercialization of 	Noted.
		the patents needs further improvement.	

PART - XV - OBSERVATIONS ON INTERACTION WITH:

A: Faculty:

Faculty members, representing different departments, numbering around 120 were present for the interaction. They were quite satisfied with available facilities, working ambience and the disciplined as well as committed students. The teachers acknowledged the positive support from the management in the execution of research projects by providing its funds whenever there is some delay in the release of funds from the funding agencies. There is no procedural or technical hitches in handling research projects. Required leave and fiscal support are granted for research purposes and also to attend conferences. There is also special financial incentive for publication in good impact factor journals. Thanks to the over 10 years of services with a good number having even 12-20 years of continuous service in this institution. They were happy with the student quality also. Overall the interaction was quite positive.

B: Students:

As the medical students were on study holidays, mostly students of non-clinical programs were present for the interaction. The students were impressed by the teaching learning process, particularly the student centric "Moodle" method of ICT, a customized software for the institution. The students were generally satisfied with library; hostels; sports facilities and the luscious green environment. One of the students however expressed reservation about the hostel food. The number of patients (both OP and inpatients) facilitating their practical exposure, is a great attraction for students to join this university. Further, the students felt that the hospitals and also other parts of the campus are maintained so well that the institution was awarded a special Swatchata Ranking award at the national level (with 3rd Rank). The students narrated their active and sustained participations in this cleanliness drive. The provision for revaluation and grievance redressal of the students was also appreciated by them.

C: Non-teaching Staff:

More than 70 of the non-teaching staff representing different disciplines were present for the interaction. There was not even a single dissenting voice from any one of them on any aspect of the institution. Everybody expressed satisfaction on the working atmosphere, staff welfare facilities including low-credit/interest free loans, salary advances, free treatment in the hospital limited to a lakh of rupees, free medicines among others. The health facilities are also available to the dependents of the staff.

Almost every staff member is said to have been provided with computers and the staff are capable of handling computers and are duly trained from time to time. The office automation / computerization are quite satisfactory in most of the sections. The institutional commitment of the non-teaching staff appeared to be quite good.

D: PARENTS & ALUMNI:

Alumni as well as parents were internal people who were alumni but presently either PGs or staff. The reasons were given and it was advised that for the committee visit outsiders in good positions may be invited.

PART – XVI – GENERAL OBSERVATIONS

- The Institution has implemented program for vaccination of all healthcare workers.
- The Medical Center has received Quality beyond award from Association of Healthcare Providers India on Feb 2018 for Quality activities at Sri Ramachandra Medical Centre.
- Several faculty members have received awards for outstanding performance and contributions
 including Dr. B.C. Roy award, Dr. A. P. J. Abdul Kalam Award for Science & Technology and
 Students Welfare, FRCP, FRCS, GSA World Divine Congress. The Medical Center has
 successfully implemented protocols for credentialing and privileging of clinical faculty based on a
 well-defined data verification process on their qualifications and experience.
- Learning objectives and outcomes for the various courses in the MBBS program are available in a readily accessible form for students and teachers.
- There has been noticeable increase in the number of papers published in peer-reviewed journals by teachers in the clinical departments in the last five years.
- The Institution has organized an impressive number of conferences, workshops and interdepartmental meetings in the last five years.
- The Telemedicine Center has been involved with a range of ongoing and new programs, both educational and consultative.
- SRMC & RI (DU) has introduced newer features like the Boat club and instruction in rowing in the Sports Medicine department.
- Several environment-friendly measures like greenery, solar energy panels and rain water harvesting facilities have been installed.
- The MD/MS Ph. D. program has been continued in the last 5 years.
- Research projects with international participation such as the PURSE-HIS project, Indian ICMR Project on Genetics of Type 2 Diabetes in India: A Multi-centric Population Specific Family Genetic Study, USA NIDDK/NIH Project of Type 2 Diabetes in Indian Populations: US-India Collaboration Project, National Institute of Health, University of California Berkeley, USA, Dept of Biotechnology, SRU and National Environmental Research Council, University of Edinburgh collaboration with Atmospheric Pollution & Human Health in an Indian Megacity: Delhi Air Pollution Health and Effects (DAPHNE) Study, Dept of EHE, SRU and National Institute of Health, University of California Berkeley, USA. Increasing LPG use during Pregnancy, Dept of EHE, SRU collaboration with Air Pollution, Health and Climate in India: Building Capacities for Health Research and Program Clarkson University, USA.

- An innovative imaging device developed by a faculty in the department of Radiology & Imaging Sciences to assist image-guided biopsy has been awarded patent.
- Undergraduate and Postgraduate students have been making better utilization of the clinical skills labs facilities.
- Inpatient and outpatient statistics have remained consistently satisfactory in the teaching hospital.
- There has been enhancement of interdepartmental participation and collaborations in teaching learning and research activities.
- There is lack of uniformity and consistency in the documentation of research publications by the faculty of some of the departments.
- Support for PhD candidates by the Chancellor Research Fellowships (81) and other incentives (252); Young Faculty Research Starter grants GATE projects, Rs 1,00,000/- each (104); Integrated MD/MS Ph D program with financial support by ICMR (27) between 2012 and 2017as Institutional fund through the Chancellor's Research Fellowships to encourage and support student research projects.
- In November 2017 Sri Ramachandra Medical College & Research Institute (Deemed to be University) launched Healthcare Sector Skill Center approved by the Healthcare Sector Skill Council (HSSC), Govt. of India and Faculty of Pharmacy launched Life Sciences Sector Skill Centre approved by Life Sciences Sector skill council, Govt. of India.
- Summer clinical training sessions on a voluntary basis have been started in the College of Physiotherapy to train students on special skills.
- More number of teachers has taken up Ph. D program.
- Highly rated Higher Education Institution in the healthcare sector. Special efforts taken to ensure quality of care and patient safety in the teaching hospital.
- Introduction of innovative academic programs and teaching learning methods. Conducive academic and student-friendly ambience
- Center for Sports Sciences of International standards.
- The institute has a well defined research policy. The faculty and students are encouraged to undertake active research by way of providing seed grant @ Rs. 1,00,000 per investigator(GATE), scholarships, stipends like Chancellors fellowship, Chancellors summer research fellowship, certificate of merit and the like.
- Orientation program for getting research grants, for updates in research methodology and for scientific writing is regularly organized. The research monitoring committees in various areas of research are systematic in their approach.
- Support for publication of research by way of stepwise fine tuning using a innovative software "Resurgence" is a novel approach. The faculty and staff are supported financially and morally for presenting their research findings in national and international conferences.
- The presentation and publications of the faculty and students are given due recognition by highlighting them in the university website, reports and by way of awards
- Research Ambassador mentor, Research Ambassador and Aspiring Research Ambassador are innovative practices in research

PART – XVII – SUGGESTIONS

- Value-added courses such as the Humanities may be added.
- International experts may be invited as members in the Editorial Board of the Scientific Journal.
- Graduate attributes may be defined and informed to the students and teachers.
- The Institution may consider starting Youth Red Cross Unit.

PART – XVIII – RECOMMENDATIONS

- Learning objectives and outcomes for the various courses and program may be made more readily
 accessible for students and teachers. These can be used to collect student feedback on programspecific and course-specific learning outcomes.
- The Institution, after having successfully completed two NAAC accreditation processes securing high grades, is now in a position to take up higher order quality benchmarking procedures: (a) with exemplar departments within the Institution and (b) with other exemplar institutions outside.
- SRMC &RI (DU) may consider offering credit-based and value-added courses on Behavioral Science, The Humanities and Systems Application in Health Sciences.
- An internationally acceptable format may be used in documenting research publications across the faculties and departments to facilitate access and statistical analysis.
- There is scope to introduce special clinics in Physiotherapy on aerobics, obesity, massage and women's health.
- Signage boards in the Colleges of Physiotherapy and Nursing may be improved.
- Facilities like a ramp to aid differently-abled patients/students may be added in more areas.
- Fire safety measures may be made more stringent in some areas and laboratories in the College of Pharmacy.
- Counseling Cell can be added in the Psychiatric Nursing Lab.
- Psychiatry nursing students may be posted in the de-addiction center.

- A Medical Sciences & Technology Park with Industry-on Campus Innovation-Incubation Centre may be established.
- Expansion of Telemedicine facility to a tele-health mobile service.
- The Institution may consider applying for 'Institution of Eminence Deemed University status by MHRD, Govt. of India.

(Names and signatures of the Members of the Expert Committee) Place and Date:

1. Prof. S. Rangaswami (Chairman)

Former Vice Chancellor

Sri Ramachandra University

Chennai

Dr. C. Thangamuthu (Member)

Former Vice Chancellor

Bharathidasan University, Trichy

3. Dr. G. Subramanian (Member)

Former Director

Centre for Marine Cyanobacteria

Bharathidasan University, Trichy

4. Prof. Dr. V. Gopal (Member)

Principal, Registrar (Academic)

Mother Teresa Post Graduate Research

Institute of Health Sciences, Puducherry