The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

Sri Ramachandra University

1.2 Address Line 1

No.1, Ramachandra Nagar

Address Line 2

Porur

City/Town

Chennai

State

Tamil Nadu

Pin Code

600 116

Institution e-mail address

www.sriramachandra.edu.in

Contact Nos.

044 - 24768431

Name of the Head of the Institution:

Dr J S N Murthy

Tel. No. with STD Code:

044 - 24768431

Mobile:

98410-23438

Name of the IQAC Co-ordinator:

Dr Lt Col A Ravikumar

Mobile:

98404-33002

IQAC e-mail address:

iqac@sriramachandra.edu.in

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)*

TNUNGN10143

1.4 **NAAC Executive Committee No. & Date:**
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

EC/47/A & A/48 dated 29.01.2009

1.5 Website address:

www.sriramachandra.edu.in

Web-link of the AQAR:

http://www.sriramachandra.edu.in/AQAR2013-14.doc

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

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A	3.52	2009	2014
2	2nd Cycle	Appearing for 2nd cycle Peer visit in August 2014			
3	3rd Cycle				
4	4th Cycle				

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

09/09/2009

1.8 **AQAR for the year** *(for example 2010-11)*

2013-14

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

  i.   AQAR 31/12/2010 (DD/MM/YYYY)
 ii.   AQAR 31/05/2011 (DD/MM/YYYY)
iii.   AQAR 19/05/2012 (DD/MM/YYYY)
 iv.   AQAR 17/06/2013 (DD/MM/YYYY)

1.10 Institutional Status

University   State ☐   Central ☐   Deemed ☑   Private ☐

Affiliated College   Yes ☐   No ☑

Constituent College   Yes ☑   No ☐

Autonomous college of UGC   Yes ☐   No ☑

Regulatory Agency approved Institution   Yes ☑   No ☐

(eg. AICTE, DCI, MCI, PCI, NCI, RCI)

Type of Institution   Co-education ☑   Men ☐   Women ☐

                  Urban ☑   Rural ☐   Tribal ☐

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

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

1.11 Type of Faculty/Programme

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

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

Others   (Specify)   Medicine, Dentistry, Pharmacy, Nursing, Physiotherapy, Bio Medical Sciences, Technology & Research; Allied Health Sciences

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

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

     Autonomy by State/Central Govt. / University   NA

     University with Potential for Excellence   -   UGC-CPE   -

     DST Star Scheme   -   UGC-CE   -

     UGC-Special Assistance Programme   -   DST-FIST   -

UGC-Innovative PG programmes   -   Any other (*Specify*) | Constituent Colleges |

UGC-COP Programmes   -

2. IQAC Composition and Activities

2.1 No. of Teachers | 12 |

2.2 No. of Administrative/Technical staff | 05 |

2.3 No. of students | 02 |

2.4 No. of Management representatives | 02 |

2.5 No. of Alumni | 02 |

2. 6 No. of any other stakeholder and
      Community representatives | 01 |

2.7 No. of Employers/ Industrialists | -- |

2.8 No. of other External Experts | 03 |

2.9 Total No. of members | 27 |

2.10 No. of IQAC meetings held – General Body Meeting - 02

NAAC/IQAC Cell meeting - 38

2.11 No. of meetings with various stakeholders: Total No. | 29 |

Faculty | 15 | Non-Teaching Staff /students | 08/02 | Alumni | 02 | Others | 2 |

2.12 Has IQAC received any funding from UGC during the year?   Yes | | No | √ |

If yes, mention the amount | - |

2.13 Seminars and Conferences (only quality related)

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

Total Nos. | 4 | International | - | National | - | State | - | Institution Level | 4 |

(ii) Themes   Setting Benchmarks for Academic Performance
E-governance sensitization
Hands-on workshop on IQAC software

2.14 Significant Activities and contributions made by IQAC

1. Facilitated introduction of Academic Performance Indicator
2. Follow up action on the Academic & Administrative Audit Committee recommendations
3. Revision of Publication Oversight Committee policy with regards to plagiarism check
4. Publication Analysis for 2013
5. Facilitated introduction of E-governance, "SRU connect" for communication, quality sustenance data transmission & feedback.
6. Internalisation of the NAAC core principles through continuous education & sensitisation.
7. Submitted letter of intent for cycle 2, accreditation of SRU on July 2013
8. Posted SSR in University website on 23rd Jan 2014. Submitted hard copy of SSR cycle 2, Part I & II to NAAC, Bengaluru on 25th Feb 2014.
9. Conducted Field trial of new NAAC format for Health Science Colleges at the request of NAAC Bengaluru in September 2013.
10. Sensitization of departments regarding NAAC peer visit during March & April 2014
11. Conducted Preparatory Peer visit of departments for ensuring readiness for NAAC Peer Team visit in March 2014.
12. Conducted sensitization and training program for faculty and students on E-governance.
13. Facilitated development of IT policy in the University.

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
1. Submission of LOI to NAAC Bengaluru for Cycle 2 accreditation.	Submitted LOI on 29th July 2013. SSR Cycle-2 report prepared and hosted in SRU website on 23rd Jan 2014 & hard copy submitted on 25th Feb 2014 to NAAC, Bengaluru
2. Introduction of IT automation for retrieving data across the departments	Customised Software for data processing and retrieval; Obtained data in the e-format for processing introduced & should received for processing and all data was collected for preparation of Cycle-2 Self Study report.
3. Identification of Coordinators across the departments and training them for SSR preparation.	Sensitised Coordinators regarding NAAC Proforma.
4. Liaison with NAAC Bengaluru in all developmental activities.	Carried out field testing of the new format of NAAC for Health Science Colleges and submitted to NAAC Bengaluru.

5. To develop on-line feedback format and to recommend the authorities to implement it.	Commissioned On-line feedback system for students.
6. To monitor & recommend the Plan of action towards the recommendations made by external experts during Academic & Administrative Audit.	Action Taken on all the 20 recommendations made by the expert Academic & Administrative Audit committee.
7. Initiative for e-governance of the entire university.	Completed the process and partial implementation of e-governance in the university.

* Attached the Academic Calendar of the year as (Annexure i).

2.15 Whether the AQAR was placed in statutory body   Yes [√]   No [ ]

Management [√]   Syndicate [ ]   Any other body [General Body Meeting]

Provide the details of the action taken

- Starting of 11 value based courses
- Implementation of Academic Performance Indicators (API)
- Initiation of total E-governance in the campus.
- Enhancement of library resources by providing remote access
- Online student feedback implementation
- Signage displays in the campus as per international norms.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	1	-	1	-
PG	82	7	82	-
UG	13	1	13	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	1	-	1	-
Others	-	-	-	-
Total	97	8	97	
Interdisciplinary	97	8	97	-
Innovative – Value added	-	-	-	11
Total	97	8	97	11

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

Pattern	Number of programmes
Semester	24
Trimester	-
Annual	72

1.3 Feedback from stakeholders*   Alumni √   Parents √   Employers -   Students √
   (On all aspects)

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

*Please provide an analysis of the feedback in the Annexure (ii)

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

> Yes. A total of 17 Regulations & Syllabi were revised and updated. Vide list with salient aspects enclosed at Annexure (iii).

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

> **Departments – 4**
> 1. Critical Care Medicine
> 2. Neuro-Radiology
> 3. Reproductive Medicine
> 4. Nursing Foundation
>
> **Centres – 2**
> 1. Preclinical and Translational Medicine Research

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
782	308	124	189	161

2.2 No. of permanent faculty with Ph.D.

    536

(M.Ch, DM, MD, MDS, M.Phil, MS also included)

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
27	0	4	0	2	0	62	0	95	0

2.4 No. of Guest and Visiting faculty and Temporary faculty   17   61   0

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	53	55	59
Presented papers	92	267	33
Resource Persons	17	24	87

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

- Use of simulations through skill laboratories
- PBL through OSCE & OSPE training
- Project based learning
- Debate, quiz, puzzles
- Annual Rapid Review Programs

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

| 252 |

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

- Implementation of conduct of supplementary University examination for I MBBS within 6 to 8 weeks of the publication of results
- Optical mark reader
- Auto result processing
- Printing of Degree certificate on Tyvek papers (non tearable and water resistant with 10 security features)

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

BOS	Curriculum / Faculty
116	77

2.10 Average percentage of attendance of students

| 85% |

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total No. of students appeared	Division			
		Distinction	1 %	11 %	Pass %
2013					
June – 2013 Session Bachelor of Dental Surgery	62	1.85	96.3	1.85	87
M.Sc Human Genetics	12	16.67	83.33	-	100
M.Sc. Biotechnology	13	7.69	53.85	38.46	100
M.Sc. Bioinformatics	5	20	80	-	100
M.Sc. Medical Laboratory Technology	7	-	80	20	71.4
M.Sc. Medical Imaging Technology	2	-	100	-	50
M.Sc. Renal Sciences & Dialysis Technology	2	-	100	-	100
M.Sc. Neuroscience	1	100	-	-	100
M.Sc. Clinical Nutrition	7	14.29	71.43	14.29	100
M.Sc. Audiology and Speech Language Pathology	11	-	85.71	14.29	63.6
Master in Public Health (MPH)-Occupational and Environmental Health	6	83.33	16.67	-	100
M.Sc. Medical Anatomy	3	-	66.67	33.33	100
M.Sc. Medical Physiology	1	-	100	-	100
M.Sc. Medical Biochemistry	2	-	100	-	100
M.Sc. Medical	3	-	33.33	66.67	100

Program					
Microbiology & Applied Molecular Biology					
M.B.A. Hospital & Health Systems Management	28	21.43	75	3.57	100
M.Pharm Pharmacy Practice	7	71.43	28.57	-	100
M.Pharm Pharmaceutics	10	80	20	-	100
M.Pharm Quality Assurance	9	22.22	77.78	-	100
M.Pharm Pharmacognosy	3	33.33	66.67	-	100
Pharm D (Post Baccalaureate)	3	33.33	66.67	-	100
M.Sc Medical Surgical Nursing	4	-	100	-	100
M.Sc Child Health Nursing	5	-	100	-	100
M.Sc Mental Health Nursing	5	-	80	20	100
M.Sc Obstetrics and Gynecological Nursing	6	-	100	-	100
M.Sc Community Health Nursing	2	-	-	100	50
M.P.T. Orthopaedics & Traumatology	4	-	33.33	66.67	75
M.P.T. Neurosciences	4	-	75	25	100
M.P.T. Cardiopulmonary Sciences	4	-	75	25	100
July – 2013 Session Higher Speciality Courses					
D.M. Cardiology	2	-	50	50	100
D.M. Neurology	2	-	-	100	50
D.M. Nephrology	2	-	-	100	100
D.M. Medical Gastroenterology	2	-	100	-	100
M.Ch. Neurosurgery	1	-	-	-	0
M.Ch. Urology	2	-	50	50	100
M.Ch. Cardio Vascular and Thoracic Surgery	1	-		100	100
M.Ch. Surgical Gastroenterology	1	-		100	100
August – 2013 Session M.Phil Clinical Psychology	8	-	75	25	100
November – 2013 Session Pharm. D.(Doctor of Pharmacy)	10	20	80	-	100
December – 2013 session Bachelor of Medicine & Bachelor of Surgery	117	6.67	72	21.33	-
April – 2014 session Bachelor of Physiotherapy	9	0	33.33	66.67	64
Bachelor of Pharmacy	12	16.67	83.33	-	100
Pharm D (Doctor of Pharmacy)	28	23.08	76.92	-	92.85
Bachelor of Science in	74	2.99	97.01	-	90.54

Nursing (Basic)					
Bachelor of Nursing (Post Basic)	27	3.7	92.59	3.7	100
Bachelor of Science (Allied Health Sciences)	23	4.35	86.96	8.7	100
Bachelor in Audiology and Speech Language Pathology	15	6.67	86.67	6.67	100
Bachelor of Science (Emergency and Trauma care Technology)	11	10	60	30	90.9
Bachelor of Science in Biomedical Sciences	11	36.36	63.64	-	100
B.Optom. (Bachelor of Clinical Optometry)	10	20	70	10	100
Basic Medical Sciences (Non-Clinical)					
M.D. Anatomy	2	-	100	-	100
M.D. Biochemistry	1	-	-	100	100
M.D. Pathology	3	-	-	100	100
M.D. Microbiology	2	-	-	100	100
M.D. Pharmacology	4	-	50	50	100
M.D. Community Medicine	3	-	66.67	33.33	100
M.D. Immuno Haematology and Blood Transfusion Medicine	2	-	-	100	100
Postgraduate Degree Courses (Clinical)					
M.D. General Medicine	9	-	37.5	62.5	88.8
M.D. Paediatrics	3	-	66.67	33.33	100
M.D. Anaesthesiology	7	-	60	40	71.4
M.D. Radio – Diagnosis	6	-	50	50	100
M.D. Dermatology, Venerology & Leprosy	4	-	50	50	100
M.D. Psychiatry	1	-		100	100
M.D. TB & Pulmonary Medicine	1	-	100	-	100
M.D. Sports Medicine	1	-	100	-	100
M.S. General Surgery	8	-	37.5	62.5	100
M.S. Orthopaedics	7	-	42.86	57.14	100
M.S. Obstetrics & Gynaecology	9	-	16.67	83.33	66.6
M.S. Otorhinolaryngology	2	-	100	-	100
M.S. Ophthalmology	4	-	100	-	50
Postgraduate Dental Courses				-	-
M.D.S. Conservative Dentistry & Endodontics	5	-	100	-	100
M.D.S. Orthodontics & Dentofacial Orthopaedics	4	-		100	100
M.D.S. Oral Medicine & Radiology	2	-	50	50	100
M.D.S. Periodontology	2	-	-	100	50

M.D.S. Oral & Maxillofacial Surgery	4	-	50	50	100
M.D.S. Prosthodontics and crown & Bridge	4	-	-	100	100
M.D.S. Oral Pathology & Microbiology	2	-	100	-	100
M.D.S. Pedodontics and Preventive Dentistry	2	-	100	-	100

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

- Regular conduct of classes through a structured time table – available on E- Governance portal
- Online feedback from students, Peer and external experts are obtained and appropriate actions are taken.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	60
UGC – Faculty Improvement Programme	NA
HRD programmes	16
Orientation programmes	18
Faculty exchange programme	06
Staff training conducted by the university	77
Staff training conducted by other institutions	22
Summer / Winter schools, Workshops, etc.	113
Others	-

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	568	NIL	91	NIL
Technical Staff	540	NIL	71	NIL

Criterion – III
3. Research, Consultancy and Extension

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

- Conduct of publication analysis of the articles published by faculty members of the university.
- Conduct of Research Methodology Workshop by Dept. of Community Medicine.
- Sensitizing the faculty on Academic Performance Indicator
- Emphasizing research as a component motivating faculty towards publications
- To inculcate Quality of manuscript & prevention of plagiarism through Publication Oversight Committee

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	79	61	21	26
Outlay in Rs. Lakhs	1916.07	3317.04	500.20	800.09

3.3   Details regarding minor projects

Name of Projects	In Numbers			
	Completed	Ongoing	Sanctioned	Submitted
University Sponsored Projects 1. GATE Project as starter grant for young faculty	34	63	-	-
2. Founder Chancellor N.P.V. Ramasamy Udayar Research Fellowship	-	29	20	-
3. UG - Summer Research Fellowship	43	17	50	-
Other Project 1. ICMR-MD-Ph.D – TSS Fellowship	5	25	-	-
Outlay in Rs. Lakhs 1. GATE Project as starter grant for young faculty	8.45	17.90	20.68	-
2. Founder Chancellor N.P.V. Ramasamy Udayar Research Fellowship	-	49.63	72.60	-
3. UG - Summer	3.55	1.52	5.0	-

Research Fellowship 4. ICMR-MD-Ph.D – TSS Fellowship	113.48	277.41	-	-

3.4   Details on research publications

	International	National	Others
Peer Reviewed Journals	247	72	-
Non-Peer Review Journals	-	153	-
e-Journals	-	-	-
Conference proceedings	3	12	-

3.5 Details on Impact factor of publications:

Range $\boxed{0.054 - 15.202}$ Average $\boxed{2.33}$ h-index $\boxed{34}$ Nos. in SCOPUS $\boxed{140}$

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration – 2013-14 Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	20	DRDO, DST, UKIERI, ICMR & DBT	499.15 (Rs. in lakhs)	175.12 (Rs. in lakhs)
Minor Projects	1	GSK Pharmaceuticals	1.05 (Rs. in lakhs)	1.05 (Rs. in lakhs
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	SRU Consultancy	64.00	64.00
Projects sponsored by the University				
Students research projects *(other than compulsory by the University)* 1. Gate Project as starter grant for young faculty	23	SRU	20.68	20.68
2. Founder Chancellor N.P.V. Ramasamy Udayar Research Fellowship	5	SRU	4.24	4.24
2014-15	20		72.60	72.60
4. UG - Summer Research Fellowship	23	SRU	2.3	2.3
2014-15	50		5.0	5.0
3. ICMR-MD-Ph.D-TSS Fellowhip	5	ICMR	18.14	18.14
Any other(Specify)	-	-	-	-
Total	147		682.92 (Rs. in	358.89 (Rs. in

| | | | lakhs) | lakhs) |

3.7 No. of books published   i) With ISBN No.   [4]   Chapters in Edited Books   [17]

ii) Without ISBN No.   [-]

3.8 No. of University Departments receiving funds from

UGC-SAP [-]   CAS [-]   DST-FIST [-]

DPE [-]   DBT Scheme/funds [2]

3.9 For colleges   Autonomy [-]   CPE [-]   DBT Star Scheme [-]

INSPIRE [2]   CE [-]   Any Other (specify) [1 (CSIR)]

3.10 Revenue generated through consultancy   [64.00 (Rs. in lakhs)]

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	17	37	14	136	-
Sponsoring agencies	4	10	2	204	-

3.12 No. of faculty served as experts, chairpersons or resource persons   [128]

3.13 No. of collaborations   International [25]   National [17]   Any other [33]

3.14 No. of linkages created during this year   [9]

3.15 Total budget for research for current year in lakhs:

From Funding agency   [518.34 (Rs in lakhs)]   From Management of University/College   [164.58 (Rs. in lakhs)]

Total   [682.92 (Rs. in lakhs)]

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	8
	Granted	
International	Applied	
	Granted	1
Commercialised	Applied	
	Granted	

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

Total	International	National	State	University	Dist	College
122	14	37	46	25	-	-

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

116

192

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

13

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

JRF 32   SRF 10   Project Fellows 25   Any other 33

3.21 No. of students Participated in NSS events:

University level 428   State level -

National level -   International level -

3.22 No. of students participated in NCC events: Nil

University level -   State level -

National level -   International level -

3.23 No. of Awards won in NSS: Nil

University level -   State level -

National level -   International level -

3.24 No. of Awards won in NCC: NA

University level -   State level -

National level -   International level -

3.25 No. of Extension activities organized

University forum 134   College forum -

NCC -   NSS -   Any other -

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

- Establishment of Rural Health Centre at Vayalanallur
- Sankara Heart Foundation for financial assistance to needy patients
- Med Hope Foundation - Initiative by students to provide assistance to leukaemia patients
- Renewal of MOU with Hyundai Motors for financial assistance to needy patients
- Participation in Tamil Nadu Chief Minister Health Insurance Scheme
- Participation in the Tamil Nadu State Health Camps organised by Govt. of Tamil Nadu
- Initiation of NSS unit
- Sri Ramachandra Hospital received "Provision of Best Health Services Award" instituted by Times Agency.
- Sri Ramachandra Medical Centre received Hospital and Patient safety award in 2013
- NSS activities
  a) Village adoption scheme
  b) Community improvement activities with EKAM foundation and Jeevan blood bank

Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	148.44 acres	-	SRU	148.44 acres
Class rooms	158 (No)	5	SRU	163
Laboratories	79 (No)	-	SRU	79
Seminar Halls	2 (No)	1	SRU	3
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	-	333	SRU	333
Value of the equipment purchased during the year (Rs. in Lakhs)	-	-	SRU	16.14 Crores
Others (Expansion of Built –up area)	391005.58 sq.mts	42118.71 sq. mts	-	433124.29 sq.mts

4.2 Computerization of administration and library

> Administration:
> - Management information system in administrative departments
> - Customised E-Governance software for data processing and intra-university communications
>
> Library:
> - Biometric system in library
> - Remote access to library resources

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (in Rs)	No.	Value (in Rs)	No.	Value (in Rs)
Text Books	21106 ⎤		248 ⎤		21348 ⎤	
Reference Books	22984 ⎦	52360333	180 ⎦	635321	23164 ⎦	52995654
e-Books	-					
Journals	526	201535103				
e-Journals	430	20959809				
Digital Database	6					
CD & Video	3056					
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	500	8	AIRTEL	2	8	300	250	50
Added	100	-	BSNL	-	-	-	-	-
Total	600	8	2	2	8	300	250	50

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

- E-governance – "SRU CONNECT"
- Sensitization programs for faculty and students
- Implementation of Biometric attendance for post graduate students.
- Campus wide internet access
- National Knowledge Network

4.6 Amount spent on maintenance in lakhs :

i) ICT   50.00

ii) Campus Infrastructure and facilities   1727.00

iii) Equipments   94.00

iv) Others   253.50

                              Total :   2124.50

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Revision of existing format for online student feedback, Development of e-feedback for Alumni
- Increase in number of Chancellor Summer Research Fellowship grant
- Inclusion of students in various committees viz. IQAC, Library, Curriculum development & Student council
- Facilitating implementation of Value Added Courses
- Sensitizing students about NAAC accreditation process.
- Sensitizing Faculty, Students & Staff in usage of E-governance.

5.2 Efforts made by the institution for tracking the progression

- Online publication of results
- Alumni database
- Placements

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
3501	1174	26	11

(b) No. of students outside the state

977

(c) No. of international students

279

Men

No	%
1615	34.27%

Women

No	%
3097	65.73%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
388	77	2	631	-	1098	375	94	2	688	-	1159

Demand ratio   1: 17   Dropout   0.68%

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

- The final year B.Pharm students are given GPAT training
- Coaching Medical Students for USMLE
- Language lab - To enhance Communication skills
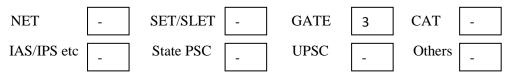- Conduction of Value Based Add on courses

No. of students beneficiaries   616

5.5 No. of students qualified in these examinations

NET | - | SET/SLET | - | GATE | 3 | CAT | - |

IAS/IPS etc | - | State PSC | - | UPSC | - | Others | - |

5.6 Details of student counselling and career guidance

> Mentorship for MBBS students was modified as longitudinal mentorship from 2013.
>
> All Faculties have mentorship and career guidance for students

No. of students benefitted | All students |

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
7	108	69	168

5.8 Details of gender sensitization programmes

- Vishaka guidelines workshop on gender sensitization was conducted
- Regular circulars on gender sensitization from Dean of Faculties
- Sensitisation through Student Orientation programs

5.9 Students Activities

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

State/ University level | 4/32 | National level | 4 | International level | 1 |

No. of students participated in cultural events

State/ University level | 415 | National level | - | International level | - |

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

Sports: State/ University level | 4/15 | National level | 4 | International level | 1 |

Cultural: State/ University level | 12/42 | National level | 1 | International level | - |

5.10 Scholarships and Financial Support

	Number of students	Amount (in Rs)
Financial support from institution	30	5,26,207/-
Financial support from government	10	26,94,750/-
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11   Student organised / initiatives

Fairs   : State/ University level | √ | National level | - | International level | - |

Exhibition: State/ University level | √ | National level | _ | International level | _ |

5.12   No. of social initiatives undertaken by the students | 2 |

5.13 Major grievances of students (if any) redressed:

Major grievances redressed during 2013

- Provision of exclusive Dining Hall for Medical students
- 1,400 Lockers for Medical students
- An additional Mess for all students was started in April 2014

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

> **VISION**
> To offer diverse educational programs that facilitate the development of competent professionals and valuable citizens, who demonstrate excellence in their respective disciplines, while being locally responsive and globally competitive in areas of education, health care delivery and research.
> **Vision 2025**
> Sri Ramachandra University will emerge as one of the top twenty medical and allied sciences universities in South East Asian Region by contributing high quality education, health care, biomedical translational research to the society (Ref: Vision 2025 document)
> **Mission**
> Sri Ramachandra University will actively promote and preserve the higher values and ethics in education, healthcare and research, will pursue excellence in all these areas while consciously meeting the expectations of the people it serves without prejudice and in all fairness stay socially meaningful in its propagation of the various arts and sciences to enrich humanity at large.

6.2 Does the Institution has a management Information System

Yes

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

6.3.1 Curriculum Development

- Implementation of Value based add on courses
- System based integrated curriculum for MBBS students
- Creating Problem based learning across the faculties

6.3.2 Teaching and Learning

- Establishment of Internal Assessment coordination cell for MBBS & BDS
- Introduction of OSCE and OSPE
- Conduct of Industrial visits.
- Recognition of Medical Education Unit from Regional to Nodal centre for faculty development by Medical Council of India.

6.3.3 Examination and Evaluation

- Implementation of conduct of supplementary University examination for I MBBS within 6 to 8 weeks of the publication of results

- Those who fail on the supplementary examination will appear for the failed subjects along with the Regular Students of the next batch.

6.3.4 Research and Development

- Expansion of Publication Oversight Committee to meet the growing demand
- Modification of policies towards Plagiarism check
- Analysis of Publications made by faculty across databases.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library
- Installation of Lift for Physically challenged
- Increase in height of racks to accommodate more number of books
- Reading room for students using own books
- E-repository of Ph.D thesis using Shodh ganga.
ICT
- NKN connectivity
- Enhancing number of computers
- Development of software (in-house) for E- Governance

6.3.6 Human Resource Management

- E-governance adopted for salary e-slips
- Introduction of API
- Approval of Performance Linked Incentive Scheme
- Access attendance & leave details through E-governance portal

6.3.7 Faculty and Staff recruitment

> - As per the norms of Apex bodies

6.3.8 Industry Interaction / Collaboration

S. No	Partner Institution/Industry	Date of signing of MoU
1.	Jeevan Foundation	19-08-2013
2.	Tamilnadu Veterinary and Animal Sciences University, Chennai	18-09-2013
3.	Ekam Foundation	19-09-2013
4.	AG Biokinetics, University of Cape Town	01-11-2013
5.	Guru Nanak Dev University, Amritsar	18-11-2013
6.	National Institute of Epidemiology	12-12-2013
7.	Gandhigram Rural University, Gandhigram	26.02.2014
8.	Safety Engineers Association to conduct NEBOSH - UK	09.05.2014

6.3.9 Admission of Students

> - All India Entrance Examination and counselling
> - Interviews

6.4 Welfare schemes for

Teaching	Yes
Non teaching	Yes
Students	Yes

STAFF WELFARE MEASURES

- (A)   STATUTORY REQUISITES:-
  - ❖ Provident fund
  - ❖ Gratuity

- (B)   OTHER WELFARE MEASURES:-
  - ❖ Group insurance
  - ❖ Accident Coverage
  - ❖ Earned Leave Encashment
  - ❖ Staff Quarters
  - ❖ Uniform
  - ❖ Food at subsidized rates
  - ❖ Health Insurance- Self & Dependents
  - ❖ Creche for Children of Staff
  - ❖ Lactation programme

- (C)   FINANCIAL SUPPORT /OTHER FACILITIES :-

  - i.   GENERAL
    - ❖   Gold Coin- 4 grams for 10 years continuous service / 6 grams for 20 years continuous service
    - ❖   Festival Advance

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

ii.   FOR ACADEMIC ACTIVITIES:-

- ❖ Financial support for attending /presenting paper at National & International seminars & Conferences
- ❖ Financial support for publication of articles/research papers in Journals
- ❖ Encouragement for research activities, including award GATE /Young scientist award
- ❖ Support for Hosting Seminars & Conferences including CMEs and Workshops within the campus
- ❖ Research grants

(D)   LEAVE FACILITIES:-

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

FACILITIES FOR FACULTY AND STAFF

- ❖ Transport Facility
- ❖ Canteens
- ❖ Banks inside the campus
- ❖ ATM facilities inside the campus
- ❖ Railway Reservation Counter inside the campus
- ❖ Gymnasium inside the campus
- ❖ Temple inside the campus
- ❖ Faculty and staff Recreation Club

6.5 Total corpus fund generated

Rs. 5.45 Crores

6.6 Whether annual financial audit has been done   Yes √   No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	External Expert Committee	Yes	IQAC
Administrative	Yes		Yes	

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

For UG Programmes   Yes √   No ☐

For PG Programmes   Yes √   No ☐

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

- CCTV camera surveillance in COE office
- Biometrically secured question paper preparation and document storage section.
- Update of the Question paper bank

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

1. The Deans/Principals are given administrative autonomy in functioning of their respective Faculties.
2. Innovations within the regulations of statutory bodies are facilitated by the University.
3. In 2013-14, eight new courses were introduced based on the proposals from the respective Faculties.
4. Support to HOD's in adoption of newer methodologies in Teaching-Learning process and in conduct of Faculty development programmes through Education units.

6.11 Activities and support from the Alumni Association

The individual faculty based Alumni associations were merged in 2013 into University Alumni Association with 8 chapters. The Alumni provide academic support through training, CMEs, donations for therapy, equipments, community support programs, student fellowships & support for conducting conferences/ seminars/ workshops.

6.12 Activities and support from the Parent – Teacher Association

- The parents' feedback on the conduct of the academic programme, and positive suggestions are used for modifying & refining the Teaching - Learning process.
- Parents also give their feedback on the facilities in the hostel & other amenities and appropriate actions are taken.
- Faculty of Pharmacy has initiated enrichment programme on Advanced Pharmacy Practice.

6.13 Development programmes for support staff

- Conduct of SREE (Sri Ramachandra Employee Education) program
- IT training workshops for teaching & non-teaching staff
- Professional Development Training and refresher courses for Nursing staff

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

- Installation of LED lights in new buildings.
- Environment awareness program.
- The University has a eco-friendly, vibrant green foliage with landscaped extensive gardens and lawns.
- Recycled water use.
- The entire campus is strictly a no smoking zone.

Criterion – VII

7. Innovations and Best Practices

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

- Green audit
- E-Governance with remote access
- Library remote login
- Biometrics attendance for MBBS students
- Financial support for 2 Centres for Excellence
- Rural Health Centre at Vayalanallur
- Creation of Sports Science Complex
- Peer evaluation of teachers
- NSS
- Annual Endowment Oration for each Faculty
- Introduction of Academic Performance Indicator
- Creation of special Parking zone for the physically challenged

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

- Value based add on courses implemented
- Student representatives in curriculum committee, IQAC, anti-ragging committee, Education units.
- Introducing innovative course such as integrated MSc MRIT (5year integrated course), PG-PhD & BSc. Sports and Exercise sciences
- MRD with electronic data transfer facility made available for students.
- E-governance software made operational.
- Expansion of the Ethics committee into 4 Units

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

> 1. Interim evaluation of Research promotional activities at Sri Ramachandra University
>
> 2. "Do it yourself" scheme by Department of Human Genetics

Detailed Enclosure as annexure (iv.1, iv.2)

7.4 Contribution to environmental awareness / protection

> Environmental Audit conducted & the report titled "Rapid Environmental Impact Assessment was submitted to state level Environment Impact Assessment Authority, Tamil Nadu in 2013. The salient initiations are Energy conservation, compliance to energy efficiency & safety regulations, use of renewable energy thro' solar systems in hostels, rain water harvesting in all buildings and water recycling plant in the campus, tree planting & tree transplantation.
>
> Radiation, laboratory & Hazardous materials safety committee & Biomedical Waste Management committee with certification for Gov. of Tamil Nadu is functional. Since 2010, Instituted Bio safety committee for Genetic recombinant research has been established. The Medical centre has received Hospital & Patient safety awards twice in 2012 & 2013.
>
> An e-waste management policy and its implementation in coordination with the Bio-medical Engineering department
>
> Rallies & Quiz competitions were conducted to highlight environment consciousness to the public.

7.5 Whether environmental audit was conducted?   Yes √   No ☐

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

Strengths
- Sri Ramachandra University (SRU) has succeeded in establishing its brand identity based on the quality of its educational programs, patient care and safety records and commitment to research, community services and extension activities.
- The sprawling, well-maintained campus with its good landscaping, gardens, lawns, sports and play fields and spacious grounds provide a healthy environment and enhance the academic ambience.
- The massive expansion of Sri Ramachandra Hospital and its continued commitment to provide free healthcare and participation in the State Government's initiative to provide surgical care to population below poverty line (BPL) has added to the strength and stature of the institution. The modernized sophisticated operation theatres and other support services provided to economically weaker sections of society represent the importance of quality health care provided by SRU to all sections.
- The achievement and sustenance of global standards in healthcare and patient safety in Sri Ramachandra Medical Center is evidenced by recognition and accreditation of many of the services and departments by national and international agencies like NAAC, NABH, NABL, JCI, AABB, AERB and ISO creating wider global recognition for its commitment to quality.
- SRU has a team of highly qualified and dedicated faculty who value quality in education, research and healthcare who are establishing higher quality benchmarks for the institution.
- The University has achieved recognition as a Regional Centre for Health Care Professional Education & Faculty Development from Medical Council of India getting strengthened by subsequent establishment of education units by the Dental, Pharmacy and Allied Health Sciences Faculties authenticating the University's commitment to achieve excellence in education & faculty development.
- The conscious commitment to excel in research is revealed by increase in research projects, publications, patents and industry interaction in the last five years through the joint efforts of students, faculty and technical staff.
- Research recognitions by WHO and ICMR to the Department of Environmental Health Engineering for its path-breaking research in indoor air pollution and recognition of good number of departments by Governmental bodies and funding agencies prove the global research standards achieved by the university.
- University offers teaching programs in emerging areas such as Sports & Exercise Sciences, Reproductive Medicine, Perinatal Medicine and Value based add on courses in employment contributing areas.
- Introduction of participatory teaching – learning methods and tools like skills labs for students, to promote learner-centric education to all students of the University.
- Promotion of inter-institutional collaboration through MOUs, Agreements and visiting faculty scheme in all Faculties to enhance the teaching – learning & Research capacity of the faculty & students.
- Implementation of choice based credit system wherever permissible by statutory councils in Higher Education

Weaknesses:
- Technology infusion in education, research and information management to keep pace with current advances taking place in International medical institutions.
- Wi-Fi facilities are available in certain locations. In other areas connectivity is ensured by other technology which need to be a seamless communication.
- User - friendly facilities for differently-abled individuals are not uniform across the campus.
- Although there has been improvement in the administrative machinery for human resource management, there is expectation for more expediency.

- Inequal distribution of indexed publications and patents across the departments as well as the funded research projects secured by the faculty of these departments.

Opportunities:
- Global partnerships for Twinning Programs and joint degrees with foreign universities and institutions.
- Projection as a successful and sustainable "Model Healthcare Institution" for all sections of patients through cross subsidization.
- Development of more Centers of Excellence in Health Care & Research of international standards to attract global faculty and patients.
- Educational, interdisciplinary Medical and Allied Health Sciences programs to promote horizontal mobility of students and faculty and for vertical integration of knowledge.
- Effective participation in Central and State governments' Public Private Partnership Healthcare Services and Rural / Community health programs.
- Creation of R & D Research Platform for industries and incubates by creating user friendly & productive Industry-Academic Partnership system.

Challenges:
- Introduction of Innovative and proactive policies to retain the interest and long term commitment of faculty to the institution.
- Enhancing the SRU brand identity in Health Care Education & Research, by implementing the strategic action plans mentioned in the 'SRU 2025 Vision' document so that the benchmarks established by the University are emulated by others.
- Acceleration of Research, Consultancy and Institute-Industry collaborations in research and drug discovery to ensure larger returns from consultancy services to make the University's research initiatives self-sustainable and to justify the sizeable financial investments made through the institutional funds into research activities.
- More extensive use of IT and e-governance across the University to enable it to be a role model as "Paper-Free University" for other Health Universities.

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

1. Offering Innovative career orientation programs in emerging areas.
2. Strengthening of twinning programs with foreign universities & industry
3. Implementation of Performance Linked Incentive Scheme for the faculty
4. Augmenting e-learning resources for Teaching Learning process
5. Creation of simulation centre & cadaver based skill training
6. Conduct of awareness program for publication and grant writing workshop for Gate Projects.
7. Enhancement of E-Governance applications.
8. Establishment of a centre for Oncology care with divisions of Medical and Hemato Oncology, Radiation Oncology, Surgical Oncology, Nuclear Medicine & Palliative care.
9. Establishment of Division of Organ transplantation.

Name: Dr Lt Col A RAVIKUMAR   *Name: Dr J S N MURTHY*

_____   _____

Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

_____***_____