

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

Part – A

AQAR for the year

2015-16

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:

9841023438

Name of the IQAC Co-ordinator:

Dr Lt Col A Ravikumar

Mobile:

9840433002

IQAC e-mail address:

iqac@sriramachandra.edu.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

TNUNGN10143

OR

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

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

1.5 Website address:

www.sriramachandra.edu.in

Web-link of the AQAR:

<http://www.sriramachandra.edu.in/AQAR2015-16.doc>

1.6 Accreditation Details

| Sl. No. | Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|---------|-----------------------|-------|------|-----------------------|-----------------|
| 1 | 1 st Cycle | A | 3.52 | 2009 | 2014 |
| 2 | 2 nd Cycle | A | 3.62 | 2014 | 2019 |

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

09/09/2009

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

i. AQAR 31/07/2015 (DD/MM/YYYY)

1.9 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, INC, 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 ☒

1.10 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 and Public Health

1.11 Name of the Affiliating University (for the Colleges)

NA

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR/DSIR 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
Faculties

UGC-COP Programmes

-

2. IQAC Composition and Activities

2.1 No. of Teachers

13

2.2 No. of Administrative/Technical staff

1

2.3 No. of students

2

2.4 No. of Management representatives

2

2.5 No. of Alumni

2

2.6 No. of any other stakeholder and
Community representatives

1

2.7 No. of Employers/ Industrialists

--

2.8 No. of other External Experts

3

2.9 Total No. of members

24

2.10 No. of IQAC meetings held

General Body Meeting – 2

Quality Cell Meeting - 26

2.11 No. of meetings with various stakeholders:

No.

29

Faculty

13

Non-Teaching Staff Students

08/02

Alumni

02

Others

02

2.12 Has IQAC received any funding from UGC during the year? Yes ☐ No ☒

If yes, mention the amount

-

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National State Institution Level

(ii) Themes

1. Guest Lecture on Indian Citation Index -13th Aug 2015
2. Workshop on “Guidelines for Quality Publications” - 14th to 25th September 2015
3. National Conference on “Setting Benchmarks in Teaching & Learning through ICT” – 5th & 6th Feb 2016

2.14 Significant Activities and contributions made by IQAC

| | |
|---------------|---|
| June 2015 | <ul style="list-style-type: none"> Conducted Quality enhancement program for faculty members of IQAC, Datta Meghe Institute of Medical Sciences, Nagpur in SRU on 8th June 2015, 4 faculty members attended the program. Four Quality cell members of SRU were invited as resource faculty for the “Seminar on NAAC Accreditation” to Sri Balaji Vidyapeeth University on 19th June 2015 at Puducherry. Their services were appreciated by Vice Chancellor of Sri Balaji Vidyapeeth University. |
| July 2015 | <ul style="list-style-type: none"> Introduced CBCS system of education and conduct of induction and orientation of fresh batch students on 5th July 2015, 459 students with parents participated on 2015. Conducted General Body Meeting at SRU, before submission of AQAR |
| Aug 2015 | <ul style="list-style-type: none"> Organized a Guest Lecture delivered by Mr Prakash Chand on “Indian Citation Index” at SRU. 95 faculty members attended the program. |
| October 2015 | <ul style="list-style-type: none"> Organized a Workshop on “Publication Authors workshop” on 14th October 2015 at SRU. 250 faculty members attended the program. NAAC Accreditation awareness given to Priyadharsini Institute of Dental Sciences and Apollo College of Nursing. |
| Nov 2015 | <ul style="list-style-type: none"> Submitted a list of 62 senior faculty members recommended for Peer Team member training as requested by NAAC. |
| January 2016 | <ul style="list-style-type: none"> Finalization & Submission of Annual report of SRU. The University data was submitted to National Institutional Ranking Framework (NIRF) as per new format. |
| February 2016 | <ul style="list-style-type: none"> National Conference on ‘Setting Benchmarks in Teaching & Learning through ICT’ at Sri Ramachandra University. 164 delegates attended the conference. Quality cell member invited as Peer Team Member to conduct Mock NAAC visit to Sri Balaji Vidyapeeth University. |
| May 2016 | <ul style="list-style-type: none"> Retrieval of data from departmental Evaluative reports for preparation of AQAR 2015-16. |

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 | Outcome |
|----|---|---|
| 1. | To Organize a Guest Lecture | A Guest Lecture by Mr Prakash Chand on “Indian Citation Index” on 13 th August 2015 at SRU. 150 faculty members attended the program. |
| 2. | Organization of Workshop on “Publication Authors workshop” | Organized a Workshop on “Publication Authors workshop” on 14 th October 2015 at SRU. 250 faculty members attended the program. |
| 3. | Conduct of National Conference on Setting Benchmarks in Teaching & Learning through ICT | National Conference on Setting Benchmarks in Teaching & Learning through ICT was conducted on 5 th & 6 th February 2016. 165 delegates attended the conference. |
| 4. | Retrieval of data through e-governance web portal | Awareness program on filling e-governance format conducted for all the coordinators of Quality cell. |
| 5. | Preparation of Convocation Report | Report prepared and submitted on April 30 th 2016. |
| 6. | Conduct of General Body Meeting | General Body meeting conducted on 21 st July 2015 and 12 th January 2016. |
| 7. | Preparation and submission for National Institutional Ranking Framework (NIRF) | National Institutional Ranking Framework (NIRF) was declared on 4 th April 2016, Our University is ranked at 41A position by NIRF. |

* *Attach the Academic Calendar of the year as Annexure (i)*

2.16 Whether the AQAR was placed in statutory body

Yes ☒ No ☐

Management ☒ Syndicate ☐ Any other body

Provide the details of the action taken

- Improved the Academic & Administrative network through ‘SRU CONNECT’ the e-governance portal, working towards the goal of becoming a ‘Paper less’ University.
- Pursued the goal of e-learning by adopting easy electronic remote access to the library resources.
- Incorporated ICT resources in Teaching and Learning across the University.
- Performance Audit of the University, Hospital & Medical Centre by Internal and external experts focused on the immediate goals as envisaged in Vision 2025 document.
- Developed of a roadmap for achieving medium-term goals of SRU Vision 2025 document.

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 |
|--|-------------------------------|--|-------------------------------------|--|
| Ph.D. | 1 | - | 1 | - |
| PG | 80 | - | 80 | - |
| UG | 13 | 2 | 15 | - |
| PG Diploma | - | - | - | - |
| Advanced Diploma | - | - | - | - |
| Diploma | 1 | - | 1 | - |
| Certificate | 1 | - | 1 | 4 |
| Others (Integrated Ph.D, Integrated Masters, M.Phil) | 3 | - | 3 | - |
| Total | 99 | 2 | 101 | - |
| Interdisciplinary | 94 | | 95 | - |
| Innovative | 4 | 2 | 6 | - |

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

(ii) Pattern of programmes:

| Pattern | Number of programmes |
|---------------|----------------------|
| CBCS-Semester | 32 |
| Trimester | Nil |
| Annual | 69 |

1.3 Feedback from stakeholders* (On all aspects)

Alumni ☒ Parents ☒ Employers ☒ Students ☒

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

**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.

As stipulated the UGC and MHRD, Govt. of India that Choice Based Credit System (CBCS) need to be implemented in all Universities from the academic year 2015-16. A meeting of the **Common**

Board of Studies for Undergraduate and Postgraduate courses under Choice Based Credit System was constituted for framing the regulations & syllabus for the following courses:

| Sl. No. | Name of the Course | Revision was Done |
|---------|---|-------------------------|
| 1. | B.Sc. (Hons) Allied Health Sciences | 16.04.2015 |
| 2. | B Sc. (Hons) Sports & Exercise Sciences | 16.04.2015 31.05.2016 |
| 3. | B Sc. Trauma Care Management | 16.04.2015 & 02.03.2016 |
| 4. | B.Optom. | 16.04.2015 & 31.05.2016 |
| 5. | B.Sc.Clinical Nutrition | 16.04.2015 & 31.05.2016 |
| 6. | M.Sc. Medical Radiology and Imaging Technology (5 years integrated) | 16.04.2015 & 31.05.2016 |
| 7. | B Sc. (Hons) Biomedical Sciences | 16.04.2015 & 01.03.2016 |
| 8. | BBA Hospital & Health Systems Management | 16.04.2015 & 13.05.2016 |
| 9. | BPT | 16.04.2015 & 29.10.2015 |
| 10. | M.P.H. Occupational and Environmental Health | 16.04.2015 & 20.02.2016 |
| 11. | M.Sc. Medical Imaging Technology | 16.04.2015 |
| 12. | M.Sc. Neurosciences | 16.04.2015 |
| 13. | M.Sc. Renal Sciences & Dialysis Technology | 16.04.2015 |
| 14. | M.Sc. Medical Technology Laboratory | 16.04.2015 |
| 15. | M.Sc. Clinical Nutrition | 16.04.2015 |
| 16. | M.Sc. Trauma Care Management | 16.04.2015 |
| 17. | M.Sc. Medical Bioinformatics | 16.04.2015 & 01.03.2016 |
| 18. | M.Sc. Biotechnology | 16.04.2015 & 01.03.2016 |
| 19. | M.Sc. Human Genetics | 16.04.2015 & 01.03.2016 |
| 20. | MBA Hospital & Health Systems Management | 16.04.2015 & 13.05.2016 |
| 21. | MPT Orthopedics & Traumatology | 16.04.2015 |
| 22. | MPT Neurosciences | 16.04.2015 |
| 23. | MPT Cardio Pulmonary Sciences | 16.04.2015 |
| 24. | MPT Women's Health | 16.04.2015 |

1. The Chairman, University Grants Commission (UGC) in his letter D.O.No.F.1-1/2015 (CM) dated 8th January, 2015 has communicated the decision of the Ministry of Human Resources Development to implement Choice Based Credit System (CBCS) from the academic session 2015-2016 in all Indian Universities to enhance academic standards and quality in higher education through innovation and improvements in curriculum, teaching-learning process, examination and evaluation systems. The Following guidelines were communicated by the UGC:-
2. "Due to lot of diversity in the system of higher education, there are multiple approaches followed by universities towards curriculum, examination, evaluation and grading system. While the Universities must have the flexibility and freedom in designing the examination and evaluation methods that best fits the curriculum, syllabi and teaching-learning methods, there is a need to devise a sensible system for awarding the grades based on the performance of students. Presently the performance of the students is reported using the conventional system of marks secured in the examinations or grades or both. The conversion from marks to letter grades and the letter grades used vary widely across the Universities in the country. This creates difficulty for the academia and the employers to understand and infer the relative performance of the students graduating from different universities and colleges in the country. Hence the UGC has recommended the implementation of CBCS in Universities.
3. The grading system is considered to be better than the conventional marks system and hence it has been followed in the top institutions in India and abroad. So it is desirable to introduce uniform grading system. This will facilitate student mobility across institutions within and across countries

and also enable potential employers to assess the performance of students. To bring in the desired uniformity in grading system and method for computing the cumulative grade point average (CGPA) based on the performance of students in the examinations, the UGC has formulated the guidelines and communicated it to all Universities for adoption”.

4. UGC, subsequently, in its notification No.F.1-1/2015 (Sec.) dated 10/4/15 has provided a set of ‘Model curricula and syllabi for CBCS programmes under the Faculties of Arts, Humanities and Sciences providing the academic flexibility for Universities to make changes/innovation upto 20% in the syllabi of these programmes. It has also specified that all UG programmes should be of three years duration only. UG Programmes with 120-140 credits in the 180 annual teaching days system shall be designated as regular B.A/B.Sc./B.Com., B.B.A etc., Those UG programmes with 140-160 credits or more with fully supported higher number of annual teaching days can be designated as B.A(Hons)/ B.Sc.(Hons)/ B.B.A(Hons)/ B.Com(Hons) etc.

5. **Types of Courses:**

Courses in a programme may be of three kinds:

- **Core Course**
- **Elective Course**
- **Ability Enhancement Course (Foundation Courses)**

Core Course: A course, which should compulsorily be studied by a candidate as a core requirement is termed as a Core course.

Elective Course: Generally a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/ subject of study or which provides an extended scope

Discipline Specific Elective (DSE) Course: Elective courses offered by the main discipline / subject of study are referred to as Discipline Specific Elective.

Dissertation / Project: An Elective/Core course designed to acquire special / advanced knowledge, such as supplement study / support study to a project work, and if a candidate studies such a course on his own with an advisory support by a teacher / faculty member is called dissertation / project.

Generic Elective (GE) Course: An elective course chosen generally from an unrelated discipline/subject, with an intention to seek exposure is called a Generic Elective.

Ability Enhancement Courses (AEC): The Ability Enhancement (AE) Courses may be of two kinds: Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC).

The Common Board of Studies for CBCS has formulated the Regulations under CBCS following the above UGC guidelines.

6. The above courses that do not come under the purview of any of the statutory councils have been recommended to be offered under the Choice Based Credit System (CBCS) from the academic year 2015-16, onwards.

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

| |
|---------------------------------------|
| Yes. Faculty of Public Health Science |
|---------------------------------------|

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Senior Resident/Resident/Demonstrator/Tutor/Clinical Instructor | Others |
|-------|------------------|----------------------|------------|---|--------|
| 828 | 295 | 164 | 186 | 170 | 13 |

2.2 No. of permanent faculty with Ph.D.

94

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

| Asst. Professors/ Sr.Lecturer/ Lecturer | | Associate Professors/ Readers | | Professors | | Demonstrator/Tutor/ Clin.Inst. | | Senior Resident | | Resident | | Others | | Total | |
|---|---|----------------------------------|---|------------|---|-----------------------------------|---|-----------------|---|----------|---|--------|---|-------|---|
| R | V | R | V | R | V | R | V | R | V | R | V | R | V | R | V |
| 34 | - | 2 | - | 7 | - | 28 | - | 59 | - | 2 | - | 2 | - | 134 | - |

2.4 No. of Guest and Visiting faculty and Temporary faculty

-

53

-

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|------------------|---------------------|----------------|-------------|
| Attended | 237 | 890 | 346 |
| Presented papers | 136 | 211 | 86 |
| Resource Persons | 28 | 343 | 127 |

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

- Introduction of Choice Based Credit System in courses such as BPT, B.Sc – AHS, B.Sc – Trauma Care Management, B.Sc- Sports medicine and exercise, M.Sc - Medical radiology and imaging technology, M.Sc - Renal sciences, B.Sc.- Optometry, B.Sc – Clinical Nutrition, B.Sc –BMS, BBA
- Simulation based learning
- Problem based learning
- OSCE and OSPE
- Conduct of Debate, quiz, puzzles
- Initiation of experiential learning in Faculty of Pharmacy
- Introduction of group seminars for CBCS programmes
- Annual Rapid Review Programs
- Use of ICT in Teaching-Learning methodologies.
- Online course evaluation
- Initiation of Nursing Education Unit in Faculty of Nursing

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

| |
|-----|
| 227 |
|-----|

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

- CCTV installed for monitoring in examination halls and central evaluation hall in the COE office.
- Double valuation of theory papers.
- COE - MIS portal for uploading IA marks.
- Online attendance for CBCS elective courses

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

| Curriculum | BOS | FDP |
|------------|-----|-----|
| 47 | 306 | 19 |

2.10 Average percentage of attendance of students

80 – 100%

2.11 Course/Programme wise distribution of pass percentage:

| Title of the Programme | Total No. of students appeared | Division | | | |
|---|--------------------------------|-------------|--------|-------|--------|
| | | Distinction | I % | II % | Pass % |
| 2015 | | | | | |
| June – 2015 Session | | | | | |
| Bachelor of Dental Surgery | 65 | 5.08 | 86.44 | 8.47 | 90.77 |
| M.Sc Human Genetics | 13 | 30.77 | 69.23 | - | 100.00 |
| M.Sc. Biotechnology | 6 | 33.33 | 50.00 | 16.67 | 100.00 |
| M.Sc. Medical Bioinformatics | 4 | 75.00 | 25.00 | - | 100.00 |
| M.Sc. Medical Laboratory Technology | 4 | - | 75.00 | 25.00 | 100.00 |
| M.Sc. Medical Imaging Technology | 3 | - | 100.00 | - | 66.67 |
| M.Sc. Emergency and Critical Care Technology | 1 | 100.00 | - | - | 100.00 |
| M.Sc. Renal Sciences & Dialysis Technology | 3 | 33.33 | 66.67 | - | 100.00 |
| M.Sc. Neuroscience | 3 | - | 100.00 | - | 33.33 |
| M.Sc. Clinical Nutrition | 13 | 23.08 | 76.92 | - | 100.00 |
| M.Sc. Audiology and Speech Language Pathology | 14 | - | 72.73 | 27.27 | 78.57 |
| Master in Public Health (MPH)-Occupational and Environmental Health | 6 | 50.00 | 50.00 | - | 66.67 |
| M.Sc. Medical Anatomy | 1 | - | 100.00 | - | 100.00 |
| M.Sc. Medical Biochemistry | 3 | - | 66.67 | 33.33 | 100.00 |

| | | | | | |
|--|-----|--------|--------|--------|--------|
| M.Sc. Medical Microbiology & Applied Molecular Biology | 3 | - | 33.33 | 66.67 | 100.00 |
| M.B.A. Hospital & Health Systems Management | 22 | 19.05 | 80.95 | - | 95.45 |
| M.Pharm Pharmacy Practice | 1 | - | 100.00 | - | 100.00 |
| M.Pharm Pharmaceutics | 6 | 50.00 | 50.00 | - | 100.00 |
| M.Pharm Quality Assurance | 4 | 50.00 | 50.00 | - | 100.00 |
| M.Pharm Pharmacology | 1 | 100.00 | - | - | 100.00 |
| M.Pharm Pharmaceutical Analysis | 3 | 33.33 | 66.67 | - | 100.00 |
| Pharm D (Post Baccalaureate) | 4 | 25.00 | 75.00 | - | 100.00 |
| M.Sc Medical Surgical Nursing | 3 | - | 100.00 | - | 100.00 |
| M.Sc Child Health Nursing | 4 | - | 100.00 | - | 100.00 |
| M.Sc Mental Health Nursing | 1 | - | 100.00 | - | 100.00 |
| M.Sc Obstetrics and Gynecological Nursing | 2 | - | 100.00 | - | 100.00 |
| M.P.T. Orthopaedics & Traumatology | 1 | - | - | 100.00 | 100.00 |
| M.P.T. Neurosciences | 4 | - | 100.00 | - | 100.00 |
| M.P.T. Cardiopulmonary Sciences | 2 | - | - | 100.00 | 100.00 |
| August – 2015 session | | - | | | |
| D.M. Cardiology | 3 | - | 33.33 | 66.67 | 100.00 |
| D.M. Neurology | 3 | - | - | 100.00 | 100.00 |
| D.M. Nephrology | 3 | - | 33.33 | 66.67 | 100.00 |
| D.M. Medical Gastroenterology | 3 | - | 66.67 | 33.33 | 100.00 |
| D.M. Critical Care Medicine | 2 | - | 50.00 | 50.00 | 100.00 |
| M.Ch. Urology | 3 | - | 66.67 | 33.33 | 100.00 |
| M.Ch. Surgical Gastroenterology | 2 | - | - | 100.00 | 100.00 |
| M.Ch. Reproductive Medicine and Surgery | 2 | - | 100.00 | - | 100.00 |
| M.Phil. Clinical Psychology | 5 | - | 80.00 | 20.00 | 100.00 |
| December – 2015 session | | | | | |
| Bachelor of Medicine & Bachelor of Surgery | 231 | 6.28 | 82.72 | 10.99 | 82.69 |
| April – 2016 session | | | | | |
| Bachelor of Physiotherapy | 27 | - | 66.67 | 33.33 | 88.89 |
| Bachelor of Pharmacy | 29 | 20.69 | 79.31 | - | 100.00 |
| Pharm D (Doctor of Pharmacy) | 24 | 20.83 | 75.00 | 4.17 | 100.00 |
| Bachelor of Science in | 70 | - | 65.71 | 34.29 | 100.00 |

| | | | | | |
|--|----|-------|--------|-------|--------|
| Nursing (Basic) | | | | | |
| Bachelor of Science in Nursing (Post Basic) | 15 | - | 100.00 | - | 93.33 |
| Bachelor of Science (Allied Health Sciences) | 54 | 9.26 | 81.48 | 9.26 | 100.00 |
| Bachelor in Audiology and Speech Language Pathology | 25 | 4.00 | 84.00 | 12.00 | 100.00 |
| Bachelor of Science (Emergency and Trauma care Technology) | 25 | 5.26 | 68.42 | 26.32 | 76.00 |
| Bachelor of Science in Biomedical Sciences | 21 | 33.33 | 66.67 | - | 100.00 |
| B.Optom. (Bachelor of Clinical Optometry) | 8 | - | 87.50 | 12.50 | 100.00 |

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

- Conduction of national conference with the theme, “Setting benchmarks in teaching and learning through ICT” for faculty members of SRU and other colleges / Universities on February 5th and 6th 2016.
- Online feedback from students, Peers, external experts are obtained, analyzed and appropriate actions are taken.
- Conduct of common “Model examination” for all medical post graduates under the aegis of COE.
- Monthly assessment and feedback of undergraduates and post graduates is monitored by respective education units.

2.13 Initiatives undertaken towards faculty development

| <i>Faculty / Staff Development Programmes</i> | <i>Number of faculty/staff benefitted</i> |
|--|---|
| Refresher courses | |
| Induction & Orientation | 963 |
| Orientation Renewal | 910 |
| Faculty Improvement Programme: | |
| Medical Education Unit: | |
| Revised Basic Course Workshop | 112 |
| Attitudinal communication competency (ATCOM) | 108 |
| Fellowship in Medical Education (FIME) | 106 |
| Pharmacy Education Unit | 60 |
| Dental Education Unit | 15 |
| Health Science Colleges Education Unit | 17 |
| HRD programmes | |
| Soft Skills Training | 1620 |
| Etiquette Training | 38 |
| Stress Management Program & Ergonomics | 399 |
| Rights & Responsibilities (Patient & Employee) | 488 |
| Attribute Training Based On Appraisal Feedback | 85 |
| Orientation programmes | 30 |
| Faculty exchange programme | 2 |

| | |
|--|-----|
| Staff training conducted by the university | 52 |
| Staff training conducted by other institutions | 10 |
| Summer / Winter schools, Workshops, etc. | 19 |
| Other Training Programmes | |
| BLS | 166 |
| ACLS/BLS | 617 |
| PALS | 285 |
| NALS | 481 |
| Sedation Policy | 113 |
| Laser Safety | 177 |
| Accreditation | 34 |
| Pranayama | 265 |
| Meditation Program | 152 |
| C-Arm Training | 33 |
| Live Fire Demo | 714 |
| Spoken Hindi Classes | 148 |
| Occupational Hazard | 149 |
| Health Days-World Red Cross Day-Awareness Program | 138 |
| Health Days-World Hypertension Day-Awareness Program | 207 |

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 | 649 | NIL | 127 | NIL |
| Technical Staff | 589 | NIL | 120 | NIL |

Criterion – III

3. Research, Consultancy and Extension

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

- Organized a Guest Lecture delivered by Mr Prakash Chand on “Indian Citation Index” at SRU on 13th August 2015. 150 faculty members attended the program.
- Organized a Workshop on “Publication Authors workshop” on 14th October 2015 at SRU. 250 faculty members attended the program.
- National Conference on ‘Setting Benchmarks in Teaching & Learning through ICT’ on 5th 6th Feb 2016 at Sri Ramachandra University. 164 delegates attended the conference.

3.2 Details regarding major projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|------------|-----------|
| Number | 34 | 74 | 17 | 34 |
| Outlay in Rs. Lakhs | 382.39 | 2126.2 | 220.46 | 2867.61 |

3.3 Details regarding minor projects

| Name of Project | Completed | Ongoing | Sanctioned |
|---|-----------|---------|------------|
| 1. Faculty GATE Project | 34 | 63 | 19 |
| 2.Ph.D Chancellor Fellowship | - | 38 | 20 |
| 3.ICMR-MD-Ph.D Fellowship | 3 | 30 | 5 |
| 4.UG Student Summer Research Fellowship | 63 | 90 | 75 |
| Outlay in Rs. Lakhs | | | |
| 1. Faculty GATE Project | 8.45 | 17.90 | 17.35 |
| 2. Ph.D Chancellor Fellowship | - | 49.63 | 72.60 |
| 3. ICMR-MD-Ph.D Fellowship | 113.48 | 277.41 | 18.14 |
| 4. Student Summer Research Fellowship | 3.55 | 1.52 | 7.5 |

3.4 Details on research publications

| | International | National | Others |
|--------------------------|---------------|----------|--------|
| Peer Review Journals | 200 | 396 | NA |
| Non-Peer Review Journals | 26 | 144 | NA |
| e-Journals | NA | NA | NA |
| Conference proceedings | NA | 01 | NA |

3.5 Details on Impact factor of publications:

Range 0.152-39.2 Average 2.865 h-index 40 Nos. in SCOPUS 208

Range Average h-index Nos. in WOS

h-index 48 Nos. in Google scholar 449

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

| Nature of the Project | Duration Year | Name of the funding Agency | Total grant sanctioned | Received |
|--|-----------------------------|---|------------------------|---------------|
| Major projects | 17 Ongoing projects - 72 | DST, DBT, ICMR, etc., | 2158.66 | 480.79 |
| Minor Projects | | | | |
| Interdisciplinary Projects | 82 | Aptus Therapeutics, Aura Biotechnologies, Sun Pharmaceuticals, etc., | 9.05 | 9.05 |
| Industry sponsored | 2 | DST –Visva Bharathi University & East India Pharmaceutical Works, Kolkata DST – M/s. Harshul Ayur Pharma | 188.08 | 20.63 |
| Projects sponsored by the University/ College | | | | |
| Students research projects <i>(other than compulsory by the University)</i> | | | | |
| 1. ICMR – MD-Ph.D-TSS Fellowship | 5 | ICMR | 18.14 | 18.14 |
| 2. Ph.D Founder Chancellor Fellowship | 20 | SRU | 72.60 | 72.60 |
| 3. ICMR-MD-PhD-TSS Fellowship (Integrated grant) | 8 | SRU | 18.14 | 18.14 |
| 4. Student –Chancellor Summer Research Fellowship 2015-16 | 75 | SRU | 7.5 | 7.5 |
| Any other(Specify) | | | - | - |
| Total | 299 | | 2487.34 | 642.02 |

3.7 No. of books published i) With ISBN No. 5 Chapters in Edited Books 32

ii) Without ISBN No. 12

3.8 No. of University Departments receiving funds from

| | | | | | |
|---------|--|------|--|------------------|--|
| UGC-SAP | - | CAS | - | DST-FIST | - |
| DPE | - | ICMR | √ | DBT Scheme/funds | √ |

DST ☐ DRDO ☐ DAE ☐ WHO ☐ MOES ☐

BRNS ☐ AICTE ☐ UKIERI ☐ Fogarty Fulbright ☐

3.9 For colleges

Autonomy ☐

CPE ☐

DBT Star Scheme ☐

INSPIRE ☐

CE ☐

Any Other (specify)

ICMR – 30
CSIR - 1
SERB - 1

3.10 Revenue generated through consultancy

8,88,447.00

3.11 No. of conferences
organized by the Institution

| Level | International | National | State | University | College |
|---------------------|---------------|----------|-------|------------|---------|
| Number | 16 | 114 | 37 | 9 | - |
| Sponsoring agencies | 3 | 12 | 2 | 1 | - |

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

498

3.13 No. of collaborations

International ☐

National ☐

Any other ☐

3.14 No. of linkages created during this year

18

3.15 Total budget for research for current year in lakhs:

From Funding agency

701.25

From Management of University/College

113.41

Total

814.66

3.16 No. of patents received this year

| Type of Patent | | Number |
|----------------|---------|--------|
| National | Applied | 7 |
| | 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 |
|-------|---------------|----------|-------|------------|------|---------|
| 559 | 42 | 151 | 146 | 96 | 124 | - |

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

64

59

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

30

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

JRF

33

SRF

5

Project Fellows

12

Any other

3

3.21 No. of students Participated in NSS events:

University level

787

State level

-

National level

-

International level

-

3.22 No. of students participated in NCC events:

University level

-

State level

-

National level

-

International level

-

3.23 No. of Awards won in NSS:

University level

18

State level

-

National level

-

International level

-

3.24 No. of Awards won in NCC:

University level

-

State level

-

National level

-

International level

-

3.25 No. of Extension activities organized

University forum

166

College forum

-

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15

Flood Relief Free Medical
Camp - 37

Multispecialty Free Mega
Medical Camps - 13

Free Health Camps - 116

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

- Socio-Economic-Health Survey of NSS adopted village Karunakarachery was done. Based on data collected Health care Awareness Programmes and Medical Camps were organized under Campaign for Disease Free Village.
- 32 households in Karunakarachery and 160 households in Annambedu village were motivated to get the individual sanitary toilets under Nirmal Bharat Scheme of Govt to make the adopted village Non Open Defecation Village.
- Similarly, 480 Garbage bins and 40 Garbage bins have been distributed in Karunakarachery and Annambedu villages respectively to segregate the composting and non composting garbage for waste recycling in order to make the adopted villages Garbage Free Village under Swachh Bharat Campaign.

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 | 163 | - | SRU | 163 |
| Laboratories | 79 | - | SRU | 79 |
| Seminar Halls | 3 | - | SRU | 3 |
| No. of important equipments purchased (\geq 1-0 lakh) during the current year. | - | - | - | - |
| Value of the equipment purchased during the year (Rs. in Lakhs) | - | - | - | - |
| Others | 433124.29 Sq.M | - | - | 433124.29 Sq.M |

4.2 Computerization of administration and library

- Customised E-Governance software –SRU connect for data processing and intra-university communications.
- Administration – HR; Finance; COE Office; Academic Section administered through Management Information System
- Finance accounting-Accounting software
- Students admission including entrance tests- SRUREG
- Continuous internal assessment- IA marks
- Student feedback system, Faculty satisfaction index and appraisal system, Staff appraisal system, web- page based feedback system- SRU CONNECT
- Examination division- COE software MIS portal
- Campus wide networking to all units- Exe SQL
- University administration for University departments- SRU CONNECT
- Library- Biometric access in library
- Remote access to library e-resources (journals) through ez proxy software

4.3 Library services:

| | Existing | | Newly added | | Total | |
|------------------|---------------------|--------------------------|--------------------|-------------------------|-------|-----------|
| | No. | Value | No. | Value | No. | Value |
| Text Books | 25993 | 59310304 | 2721 | 4101583 | 28714 | 63411887 |
| Reference Books | 24120 | | 603 | | 24723 | |
| e-Books | - | - | - | - | - | - |
| Journals | 493 (year 2015) | 235329385 (1988-2015) | 469 (year 2016) | 38131378 (year 2016) | - | 273460763 |
| e-Journals | 1347 (year 2015) | 34121435 (1988-2015) | 88 (2016) | 2254769 (year 2016) | 1435 | 36376204 |
| Digital Database | 6 | | - | | 6 | |
| CD & Video | 3689 | - | 463 | - | 4152 | - |
| Others (specify) | - | - | - | - | - | - |

4.4 Technology up gradation (overall)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Others |
|----------|-----------------|---------------|----------------|------------------|------------------|--------|-------------|---------------------|
| Existing | 740 | 8 | AIRTEL BSNL | 2 | 8 | - | - | 10 Mbps broad band |
| Added | 100 | 1 | Vodafone | - | - | - | - | 100 Mbps broad band |
| Total | 840 | 9 | 3 | 2 | 8 | - | - | - |

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

| |
|--|
| <ul style="list-style-type: none"> E- Journal access through ezproxy. |
|--|

4.6 Amount spent on maintenance in lakhs :

| | |
|--|----------------|
| i) ICT | 58.37 |
| ii) Campus Infrastructure and facilities | 1678.13 |
| iii) Equipments | 158.36 |
| iv) Others | 267.70 |
| Total : | 2162.56 |

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Choice Based Credit System was introduced to the students of Faculties of Physiotherapy, AHS, BMS and Management during this academic year.
- The importance of research publications was 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 was initiated by IQAC
- The Methodology of accessing updated lectures through e-governance was demonstrated to the students.
- Workshop for the students to operate the e-governance portal was carried out.
- A new system of mentorship has introduced by organising a meeting of mentors and mentees during which about 250 students got introduce 41 mentors.
- Regular feedback system is being monitored.
- The achievements, awards and merits of the students are intimated to the parents through their mentors to motivate them further in both curricular and Co- curricular activities.
- Workshop was conducted on 22nd June 2015 to commemorate International Yoga day.
- Founder Chancellor Merit – cum Means Scholarship were awarded to 25 meritorious students for the year 2015.

5.2 Efforts made by the institution for tracking the progression

- Alumni database has been expanded with more frequent interaction
- Campus conclave was conducted to assist in placement of students for the month of April to June.
- Formal social gathering of the alumni is being tracked with the help of social networks like Skype, face book, Twitter, etc
- Attendances and marks are compiled as students reports and sent to parents and students
- Slow learners lists are prepared and counseling done by the Deans
- Remedial sessions are conducted for the Slow learners

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others | Total |
|------|------|--------|--------|-------|
| 3289 | 1458 | 59 | - | 4806 |

(b) No. of students outside the state

726

(c) No. of international students

203

| | No | % | | No | % |
|-----|------|-------|-------|------|-------|
| Men | 1674 | 34.83 | Women | 3132 | 65.16 |

| Last Year (2014-15) | | | | | | This Year (2015-16) | | | | | |
|---------------------|-----|----|-----|-----------------------|-------|---------------------|-----|----|-----|-----------------------|-------|
| General | SC | ST | OBC | Physically Challenged | Total | General | SC | ST | OBC | Physically Challenged | Total |
| 360 | 114 | 0 | 795 | - | 1269 | 405 | 127 | 4 | 937 | - | 1473 |

Demand ratio 1:22

Dropout % 0.34

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 classes are done by outsourcing and visiting faculty

No. of students beneficiaries

29

5.5 No. of students qualified in these examinations

| | | | | | | | |
|-------------|---|-----------|---|------|---|--------|----------|
| NET | 4 | SET/SLET | - | GATE | - | CAT | - |
| IAS/IPS etc | 1 | State PSC | - | UPSC | - | Others | GPAT - 6 |

5.6 Details of student counselling and career guidance

- Orientation programme for fresh batch students on CBCS pattern
- Orientation for fresher UG – 900 & PG - 300
- All the students are mentored by faculty
- Additional therapeutic Student Counseling: 26 students benefitted from Department of Clinical Psychology.
- CRRRI orientation for career guidance conducted by experts every week for 80 students.
- Skill enhancement programme for UG & PGs under CBCS stream
- The Professional Development Program (PRODEV) and Mentoring program students are given counseling and provided career guidance.

No. of students benefitted

CBCS – 459
Orientation for fresher UG & PG - 1200
Mentors – 41, Mentees - 246
CRRRI – 80
Student counseling – 26
Skill enhancement (UG – 137, PG – 30)
PRODEV - 20

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5.7 Details of campus placement

| <i>On campus</i> | | | <i>Off Campus</i> |
|---------------------------------|---------------------------------|---------------------------|---------------------------|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 6 | 114 | 94 | 154 |

5.8 Details of gender sensitization programmes

| Date | Topic | Resource Persons | No. Of Participants |
|------------|--|--|---------------------|
| 29.09.2015 | Quiz programme on Bharat Ratna Dr. A.P.J. Abdul Kalam, Former President of India | Quiz Master – Dr. Sumanth C Raman | 250 persons |
| 07.03.2016 | Campus Environment Day Theme: Chennai Floods & Environment – Lessons Learnt | - | 150 persons |
| 08.03.2016 | International Women’s Day Theme: Pledge for Parity | Mrs. Saraswathy Narayanasamy (Honorary Director, Bala Vidyalaya) & Dr. K.R. Maalathi (Founder CEO, AUURO Educational Services) | 360 persons |
| 02.04.2016 | Theme: “Empower Women to Lead” | An interactive session with Ms. Nandini Ramani, Vice President – Twitter, USA | 275 persons |

5.9 Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

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

Sports: State/ University level National level International level

Cultural: State/ University level

National level

International level

5.10 Scholarships and Financial Support

| | Number of students | Amount in lakhs |
|--|--------------------|-----------------|
| Financial support from institution | 103 | 99.3 |
| Financial support from government | 35 | 155.85 |
| 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 **Activities of Student Council**

| S.No. | Activities | Date | No. of Participants |
|-------|--|--------------------------------|---------------------|
| 1 | Band Club | 26 th June 2015 | 100 |
| 2 | Fresher's Orientation Program | 15 th July 2015 | 300 |
| 3 | Ice breaker session (Informal meeting of Students and Fresher's) | 17 th July 2015 | 350 |
| 4 | CHIRON 2015 – Teachers day celebration | 5 th September 2015 | 250 |

1. FLOOD RELIEF CAMP REPORT

Activities were carried out during flood relief camp in December 2015 were as follows.

1. Checking the chlorine content of drinking water supply OHT/tap water/ sample house hold water
2. Surveillance: observe for fever cases, ADD cases, Jaundice, Leptospirosis.
3. Give IEC on: Hand washing, use of boiled water, consume only hot food, prevent fly breeding.
4. House to house distribution of half kilograms of Bleaching powder
5. Daily e- reporting to respective authorities.

| S.No | Date | Place | No. of Houses and Beneficiaries from IEC | No of student participation | No of faculties participation |
|------|----------|--|--|-----------------------------|-------------------------------|
| 1 | 10.12.15 | Iyyapanthangal and kattupakkam village | Whole Village (174) | 16 | 3 |
| 2 | 11.12.15 | Vayallanallur village colony, kavalechery village and colony | Whole Village(280) | 50 | 5 |
| 3 | 15.12.15 | Amuthurmedu village, colony , Irrular colony, | Whole Village(105) | 20 | 2 |
| 4 | 16.12.15 | kuchikadu village , Collector Nagar, Thirumanam colony | Whole Village(135) | 40 | 2 |
| 5 | 17.12.15 | Vallsaravakkam , Manapakkam, Thiru manamcolony, | Whole Village(185) | 20 | 3 |

Details of preventive camp organized, areas covered and the number of beneficiaries are as follows

Details of health camp participation, areas covered and the number of beneficiaries is as follows

| S.No | Date | Place | No. of Beneficiaries | No of student participation | No of faculties participation |
|------|----------|---|----------------------|-----------------------------|-------------------------------|
| 1 | 12.12.15 | Irularpalayam village | 150 | 10 | 1 |
| 2 | 14.12.15 | Uttkottam village, Magathma Gandhi School | 100 students | 10 | 1 |
| 3 | 15.12.15 | Uttkottam colony and samathuvapuram village | 120 | 10 | 1 |
| 4 | 16.12.15 | kuchikadu village and Gudapakkam School | 135+300 students | 10 | 2 |
| 5 | 17.12.15 | Vallsaravakkam and Manapakkam, | 185 | 10 | 3 |



2. NEN E–Week Celebration 2016 - 22.2.2016 to 27.2.2016

The activity for NEN E Week 2016 includes:

- Eminent speakers sharing their Entrepreneurial journey and experience
- Entrepreneurship related events and games for students
- Stalls (Students from College of Management, Pharmacy, Speech therapy & Bio medical sciences put up stalls throughout the week. The stalls include food stalls, Accessories, Games, Clothing, Organic products)



3. Outreach program (Joy of giving) – 23/01/2016

Contributions made:

- Lunch and sweets was provided for 228 people in the Ashram
- Geometry box for 9th & 10th Standard students



Programs conducted:

- Oral hygiene
- Hand washing
- Story Telling
- Games
- Entertainment

Total participants :58

49 Students (I MBA, II MBA & I BBA), 8 Faculty members and Secretary of the department.

4. Ethoz'16 – 4th Annual National Level Management Meet

Ethoz'16 – 4th Annual National Level Management Meet on the theme Corporate Roadies was conducted on 03/03/2016.

250 UG & PG Students from various colleges across the state participated



These were the following 6 events conducted for students:

- 1) Best Manager
- 2) Corporate Walk
- 3) Adzap
- 4) New Product Development
- 5) Photography
- 6) Business Quiz

5. World Students day Celebration – 14th & 15th October 2015

Sri Ramachandra College of Management celebrated World Students day in memory of Late Dr.APJ. Abdul Kalam. As a part of the celebration competitions were organized for students within our university on 14th and on 15th Dreamathon (A walk was organized inside the campus).

Competitions on 14th October 2015 - Quiz, Debate, Idea Generation, Creative writing (Total No. of Participants for all events – 57)



Dreamathon on 15th October 2015 - Students & Faculty members of Sri Ramachandra College of Management and students from the Faculty of Nursing, AHS, Biomedical sciences, Sports medicine, Physiotherapy participated in the walk. (Total No. of Participants - 150)

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

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION

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

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 have a management Information System

Yes. Through various means for different purpose

- E-governance for “Attendance, Redundancy, Communication Clarity between Management and Faculties & Students”
- HMIS at Medical Centre for Patient Care
- COE software for Examiners Attendance & Students Marks Sheets
- Library Software to maintain the Books in stock and its movements
- Accounting Software for Finance study
- Inventory Maintenance Record
- ERP tools for the Departments of Purchase, Stores, OPD, Pharmacy & Billing
- On Line Excel sheets for Dental OP census Data, Treatment Data, Maintenance
- Records on Bio Medical Waste Management
- Records to maintain Laundry details

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

6.3.1 Curriculum Development

- Skill Development is carried out by modernized Skills Lab at UG & PG level of the Medical College by surgical departments.
- CBCS in Faculty of Physiotherapy, Bio Medical Sciences, Allied Health Sciences and Management.
- Orientation Program for students joining UG & PG, that includes introduction to Research methodologies, Communication Skills, Stress management, Time management, Empathy, Counselling, Yoga and Physical Education.

6.3.2 Teaching and Learning

- Conduct of Industrial visits by faculty of Pharmacy and Management.
- Course registration, coordination of time table and preparation of Academic calendar, Attendance and consolidation of CIA and the End-Semester examination and coordination of student's results and grade cards with the controller of examinations for scrutiny are finalized by CBCS office.
- Yoga course as a elective is offered as an innovative programme under CBCS
- NEN – Week celebration at Sri Ramachandra University to encourage entrepreneurship.

6.3.3 Examination and Evaluation

- Implementation of improvement examination at UG level to enhance internal assessment marks.
- Small group seminar and discussion conducted and evaluated across the constituent colleges.

6.3.4 Research and Development

- Organized a Guest Lecture delivered by Mr Prakash Chand on “Indian Citation Index” on 13th Aug 2015 at SRU. 150 faculty members attended the program.
- Workshop on Research Methodology on 17th & 18th August 2015 with resource people from John Hopkins, USA for post graduate students.
- Scientific writing workshop by Prof Cavin S Mcloughlin from Kent State University on 14th & 25th September 2015.
- Organized a Workshop on “Publication Authors workshop” on 14th October 2015 at SRU. 250 faculty members attended the program.
- Conduct of National Conference on ‘Setting Benchmarks in Teaching & Learning through ICT’ on 5th & 6th Feb 2016 at Sri Ramachandra University. 164 delegates attended the conference.
- Modification of policies towards Plagiarism check
- Analysis of Publication made by faculty across databases.
- Recognition and awards for Patents, Publication in high index journal
- A Research department has been created with an Associate Dean of Research, a Professor of Research and a Chief Scientific Officer to coordinate and improve quality of research across the constituent of colleges of the university.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- E-repository of Ph D thesis using Shodh Ganga.
- Remote access to library e-resources enhanced across faculties.
- Establishment of world class sports medicine facility

6.3.6 Human Resource Management

- e-governance adopted for leave processing, circulars and salary details
- Fully functioned dedicated training centre to impart communication & Soft skill development for employees
- Constitution of Safety and utility committee
- Fire drill training for students, faculty and staff across constituent colleges.

6.3.7 Faculty and Staff recruitment

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

6.3.8 Industry Interaction / Collaboration

| S. No. | Departments | Institution / Organization collaborated with | Reason for MoU [education/research/clinical care/etc] | Period | Current status |
|--------|------------------------------|---|---|------------|----------------|
| 1. | Faculty of Pharmacy | CCRS, Ministry of AYUSH, Chennai | Collaborative Research and Development Programs | 13-07-2015 | 13-07-2020 |
| 2. | Department of Radiology | Skanray Technologies Pvt Ltd, Mysore | Collaborative Research and Development Programs | 15-07-2015 | 15-07-2018 |
| 3. | Department of Human Genetics | Narayana Medical College, Nellore | Collaborative Research and Development Programs | 21-07-2015 | 21-07-2020 |
| 4. | Department of Neonatology | Phoenix Medical Systems Private Limited, Mysore | Collaborative Research and Development Programs | 24-08-2015 | 24-08-2018 |
| 5. | Department of Neonatology | HELYXON Healthcare Solutions P wLtd. Chennai | Collaborative Research and Development Programs | 24-08-2015 | 24-08-2018 |
| 6. | Sri Ramachandra | The Voluntary | Delivery of Health | 19.09.2015 | 19.09.2019 |

| | University | Health Services | Care Services | | |
|-----|---|--|---|------------|------------|
| 7. | Department of Sports Medicine | Sports Development Authority of Tamil Nadu | Training and fitness programs to sports persons | 19.09.2015 | 19.09.2019 |
| 8. | Sri Ramachandra University | Vel Tech & DR. RR Technical University | Collaborative Research and Development Programs | 15-03-2016 | 15-03-2019 |
| 9. | Sri Ramachandra University | YRG Care, Chennai | Collaborative Research and Development Programs | 13-05-2016 | 13-05-2019 |
| 10. | Department of Human Genetics | Alagappa University | Collaborative Research and Development Programs | 30-05-2016 | 30-05-2019 |
| 11. | MMR-01/12 - A Phase IV, Non Inferiority, Observer Blind, Randomized Clinical Study Comparing Safety and immunogenicity of Measles-Mumps-Rubella (MMR) subcutaneous vaccination by disposable-syringe jet injector to vaccination by needle and syringe for the administration in healthy infants in India aged 15 to 18 Months. | Dr.Padmasani VenkatRamanan Professor & HOD Dept. Of Pediatrics | Serum Institute of India LTD. | 2015 | |
| 12. | A Phase IV, Non-inferiority, Observer blind, Randomized clinical study comparing safety and immunogenicity of DTP-HB-Hib vaccination by disposable-syringe jet injector to vaccination by needle and syringe in healthy infants in India. | Dr. Latha Ravichandran Professor Dept. Of Pediatrics SRMC & RI., SRU | Serum Institute of India LTD. | 2015 | |
| 13. | DIS-2014-009 – International Observational E-Registry on the use of Dilapan-S / Dilasoft osmotic dilators for cervical ripening prior to induction of labour | Dr. Usha Vishwanath Dept. of Obstetrics & Gynecology SRMC & RI, SRU | Serum Institute of India LTD | 2015 | |

| | | | | |
|-----|--|--|------------|------|
| 14. | Study Assessing Feasibility of Electrochemotherapy using Bleomycin followed by pre-operative radiotherapy in locally advanced lip and Buccal mucosa Lesions” | Dr. Satish Srinivas | ONMED | 2015 |
| 15. | Effect of Omega 3 fatty acid (Fish Oil / Algal Oil) enriched functional dairy foods on the lipid profile of borderline high hyperlipidemic adults. | Dr.A.J.Hemamalini Head Dept. of Clinical Nutrition, SRU. | TN Govt. | 2015 |
| 16. | As ex vivo study on biological and biochemical changes upon interactions of human skin with personal care products and potential actives/auxiliaries | Dr.D.Kamakshi Professor Dept. of Plastic Surgery, SRMC & RI, SRU | KAVIN CARE | 2015 |

6.3.9 Admission of Students

- All India Entrance Test
- Interviews and counselling

6.4 Welfare schemes for

| | |
|--------------|-----|
| Teaching | Yes |
| Non teaching | Yes |
| Students | Yes |

STAFF WELFARE MEASURES

(A) STATUTORY REQUISITES:-

- ❖ Provident fund
- ❖ Gratuity
- ❖ ESIC

(B) OTHER WELFARE MEASURES:-

- ❖ Group insurance
- ❖ Accident Coverage
- ❖ Earned Leave Encashment
- ❖ Staff Quarters
- ❖ Uniform
- ❖ Food at subsidized rates

- ❖ Health Insurance- Self & Dependents
- ❖ Crèche for Children of Staff

(C) FINANCIAL SUPPORT /OTHER FACILITIES :-

i. GENERAL

- ❖ Festival Advance
- ❖ Salary Advance
- ❖ Education loan
- ❖ Marriage Advance
- ❖ Welfare Fund loan
- ❖ Personal Loan & 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

- ❖ Book Publication Grant
- ❖ Women's Advancement centre encashment, Maternity Leave
- ❖ Sponsoring of academic programs
- ❖ Recognition and award of Gold Coins to faculty and staff who have put in 10, 20, 25 and 30 years of service in the institution.
- ❖ Transport Facility
- ❖ Canteens

- ❖ Banks inside the campus
- ❖ ATM facilities inside the campus
- ❖ Railway Reservation Counter inside the campus
- ❖ Gymnasium inside the campus
- ❖ Temple inside the campus
- ❖ Faculty and staff Recreation Club
- ❖ Sports and Recreational Cultural activities
- ❖ Yoga, Pranayama, Meditation training for healthy living
- ❖ Learning and Development centre for career advancement and Skill development.

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes No

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

| Audit Type | External | | Internal | |
|----------------|----------|--------------------|----------|-----------|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | Yes | MCI, DCI, RCI, INC | Yes | SRU |
| Administrative | Yes | External Auditors | Yes | SRU |

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.

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

- The Deans/Principals of the colleges have the privilege to exercise autonomy in the introduction of any new relevant Courses.
 - Empowerment of HOD's to adopt newer methodologies in Teaching-Learning process and also to conduct programmes for faculty development.
 - The Deans/Principals are empowered to handle Rs. 30,000/- per annum as part of development activities.

6.11 Activities and support from the Alumni Association

- The Alumni provide academic support through training, CMEs, donations for therapy, equipments, community support programs, student fellowships & support for conducting conferences / seminars / workshops.
- The Alumni Association has been conducting meetings on a regular basis.

6.12 Activities and support from the Parent – Teacher Association

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

6.13 Development programmes for support staff

- Pranayama Training Program June 2015
- Self-Development Program June 2015
- Soft skills training 2nd July 2015
- Alacris Pre School opened from 17th August 2015
- Occupational Hazards Training Program 12th January 2016
- Patriotic song Competition organised on 24th January 2016 on the occasion of Republic day.
- Stress Management program 5th January 2016
- Meditation Program 25th February 2016
- Spoken Hindi Classes Training organised 22nd February 2016
- Aadhar Camp organised for Employees 11th to 14th March 2016
- Kids carnival celebrated on 7th March 2016
- Appraisal Feedback Attribute Training organised 1st March 2016
- Sri Ramachandra Health Plus Insurance Scheme introduced for Self & Dependents 5th May - 2016
- World Red Cross Day Awareness program observed by SRU on 9th May 2016
- World Hypertension Day Awareness program observed by SRU on 19th May 2016. Housekeeping personnel are educated to handle hypertension.

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

- Installation of LED lights in new buildings.
- Lamp lighting at all inaugural function only through LED
- Environment awareness program.
- The university known for its eco friendly, vibrant green foliage landscaping with extensive gardens and lawn spaces, maintain by using recycled water.
- More Trees for more oxygen and less Carbon for a Healthy Environment
- The campus is strictly a NO SMOKING zone.
- Green audit of University campus has been carried out.

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.

- Endowment oration award was initiated from various departments of the University.
- Facilitation of student extracurricular activities – Access to gymnasium, aquatic pool and training for Rowing in sports complex was extended to students.
- Founder Chancellor Merit – cum-Means Scholarship scheme for students.
- Placement cell of the University conducted Career orientation and enhancement program to facilitate job opportunities.
- HRD with training centre conducted Pranayama and soft skill development program for faculties and staffs.
- Central Research Facility of the university organized grant publication workshop for faculties to facilitate Grants and Funded projects in research.
- IQAC of the University organized National Conference on ICT funded by NAAC to improve teaching learning process.
- Faculty of Public Health was started, as a constituent unit of SRU
- Developed e –Governance software for CBCS program.
- **New process/system framed as a part of risk management system for continuous quality improvement**
 - ‘Process for maintaining thermoregulation’ has been created.
 - New SOP has been created for Pediatric IV Cannulation.
 - New born bath protocol created.
 - Tab. Rcin & Tab. Rcinex included in the sound alike medication.
 - Repeat transcription for Inj.TT option blocked in the software.

- Blocked the “Copy” “Paste” Option of the Hospital No. from the bed occupancy to prescription view.
- Tab. Revolade added in sound alike group.
- Policy created-Process for International Patients Going Out of Hospital (Within / Outside Campus).

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

| S.No | Plan of AQAR 2014-15 | Action Taken AQAR 2015-16 |
|------|---|--|
| 1 | Creating Bench marks in the implementation of CBCS | CBCS program commenced for 8 under graduate, 14 post graduates and 1 integrated program in the academic year 2015 – 2016. |
| 2 | Increasing the visibility of SRU and medical centre at a global level | Voluntarily processed for National Institutional Ranking Framework instituted by Ministry of Human Resource Development, Government of India. SRU ranked 41A by NIRF. |
| 3 | Institutional facilitation of the expansion of e-Governance access to all the departments of the University | Yes, processed. |
| 4 | Establishment of University Skills Lab with latest technology and simulators. | Under construction |
| 5 | Creation of a world class Oncology centre with modern facilities and experienced faculty for clinical care and research activities. | Under construction. |
| 6 | Establishing Smart class rooms by Incorporating ICT resources in Teaching and Learning. | Yes, processed |
| 7 | Conduct of Performance Audit jointly by IQAC & QIPST | conducted |
| 8 | Roadmap development to be implemented for achieving medium-term goals of SRU Vision 2025 document. | Under Construction |
| 9 | Conduct of Workshop on “Implementation strategies of e-Governance - training for the developers and academic groups using it with resource persons from other universities. | National Conference on ‘Setting Benchmarks in Teaching & Learning through ICT’ on 5 th & 6 th Feb 2016 at Sri Ramachandra University. 165 delegates attended the conference. |

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

1. Safety audit of University facilities
2. Recognition of high quality research publications

7.4 Contribution to environmental awareness / protection

- 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 on 07/03/2016 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.

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

1. Sri Ramachandra University is committed to enhance the quality of education, patient care and research. It has earned the reputation as a much sought after Health Sciences University and health care destination among the population at large.
2. The University achieved the rank 41A out of 233 Universities across India, by the National Institutional Ranking Framework (NIRF) released by Govt. of India in 4th April 2016. It has been ranked among the top 5 Health Science Universities in the ranking.
3. The Medical Education Unit continues to carry out regular Faculty development programmes for the benefit of faculty from 48 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 (2600) in the country. The Education units of other Faculties (Pharmacy, Dental, Nursing, AHS) are increasing the scope of training to enhance faculty training initiatives.
4. The Central Research Facility has motivated researchers with commitment, leading to more number of research publications in high impact journals. The Centre for Toxicology and Developmental Research facilitates Industry University collaboration.
5. The Internal Quality Assurance Cell of SRU has functioned effectively by facilitating the development of e-governance portal (SRU Connect) which is increasingly accessed by all faculty, administrators, staff and students. This has enabled the university to function in a transparent manner and cut down on paper correspondence.
6. The thrust towards ICT use in the University has resulted in provision of ICT devices in all departments of University and increase the broad band connectivity by tenfold (10 Mbps to 100 Mbps). The IQAC conducted a National Conference on “Setting benchmarks in Teaching & Learning through ICT” during the year. A large number of faculty of SRU and other universities were trained.

7. The experts from IQAC of SRU have provided consultancy to other Health Sciences Universities in preparation for NAAC Peer Team visit and also conducted Mock Peer Team visit. The SSR of SRU is quoted as a model for other universities by NAAC.
8. Sri Ramachandra Arthroscopy and Sports Sciences Centre (SRASSC) has been actively promoting Sport Sciences by increasing the training capacity and achieved National and International recognition.
9. Rapid Review programs are being conducted for Medical & Dental post graduate students and are popular among PG Students from other Universities throughout India.
10. SRMC which is the only JCI accredited University hospital and is being viewed as a model health facility for clinical practice guidelines, monitoring of safety aspects and professional skill development.
11. Sri Ramachandra Hospital has extended its services making it attractive and accessible to the citizens with low income. It provides cost effective quality health care by a devoted team of Health professionals. It is also the centre for skill training for Medical and Para-Medical students.
12. Next Generation DNA Sequencer available in the Central Research Facility sets a new benchmark in Medical Sciences.
13. Moving towards more technology integration, Skill labs, ICT enabled modules have been added to promote learner-centric education.
14. Inauguration of SRU Boat Club of international standard, expansion of the University Auditorium, sprawling, well-maintained campus, good landscaped gardens, lawns, sports and play fields provide a healthy environment, thus enhancing the ambience.

Weaknesses:

1. Technology infusion in education, research and information management needs to be fine tuned to keep pace with international standards.
2. The Alumni foundation of SRU has been reorganised but, there is scope for further expansion of activities.
3. More number of publications in indexed databases is required.
4. Wi-Fi facilities in the campus need further enhancement.
5. Placement activities including tracking of progression of students placed in our own institution has to be strengthened.

6. Improving the public perception of the University.

Opportunities

1. Global partnerships for Twinning Programs and joint degrees with foreign universities and institutions.
2. Projection as a successful and sustainable “Model Healthcare Institution” for all sections of population through cross subsidization.
3. Encouragement through Student Council Forum to initiate Philanthropic activities.
4. Potential for basic research
5. Split PhD program, integrated PG – PhD program.
6. Holistic development of students and encouragement of citizenship roles of students through NSS activities.
7. Skill enhancement program to enhance skill based training for the students in the CBCS model.
8. Visiting faculty from reputed international Universities and institutions.
9. Faculty exchange programs with other reputed universities in India & abroad.
10. Public Private partnership programs

Challenges:

1. Attracting students for value added courses.
2. More number of deemed universities conducting same type of courses.
3. Faster growth of technology resolutions in its ability to meet in the pace in Medical & Allied Health Sciences.

8. Plans of Institution for next year

1. New UG/PG programs through twinning & joint – degree methodology with other universities.
2. Optimum utilization of Medical Centre infrastructure by putting in place a modern methodology of feeder network.
3. Augmenting sponsored (funded) research projects.
4. Setting up of e-class room to facilitate interactive and web-based learning in all colleges of SRU.
5. Dedicated Central simulation laboratories.
6. Up gradation of Library facilities with electronic connectivity to all Colleges & units and access to e-journals.
7. Acquiring the status of “Centres of Excellence” of departments in Clinical, non-clinical and basic medical & paramedical science disciplines.

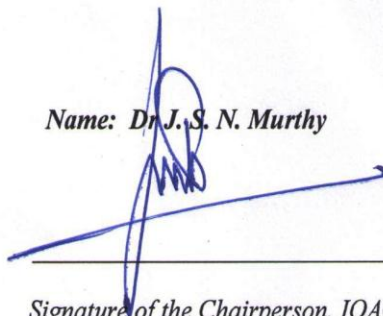
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