



## SRI RAMACHANDRA UNIVERSITY

(Declared under Section 3 of the UGC Act, 1956)

**Accredited by NAAC with 'A' Grade**

**Porur, Chennai 600 116, Tamil Nadu, India**

website: [www.sriramachandra.edu.in](http://www.sriramachandra.edu.in)

### PROSPECTUS FOR UG DEGREE PROGRAMMES – 2017-18

- (i) B.Sc. Bioinformatics
- (ii) B.Sc. Health Informatics
- (iii) B.Sc. Data Sciences
- (iv) B.Sc. (Hons) Environmental Health Sciences



Reaccredited by  
National Assessment and  
Accreditation Council  
with 'A' Grade



NABH  
Reaccredited



NGCMA, DST, Govt. of  
India GLP Compliance  
Certified CEFT  
(Centre for Toxicology &  
Developmental Research)



Reaccredited by  
Joint Commission  
International



**Shri N.P.V. RAMASAMY UDAYAR**  
**FOUNDER - CHANCELLOR**

### *The Mission*

*Sri Ramachandra University*

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

**ADMISSION TO ADDITIONAL UNDERGRADUATE  
PARA MEDICAL PROGRAMS (2017-18)**

**1. PROGRAMS OFFERED:**

Sl. No.	Name of the Degree Program	Duration	Eligibility	No. of Seats	Fee per Academic Year
1.	<b>B.Sc. Bioinformatics</b>	3 years including 6 months internship	Candidate should have passed HSC(+2) or equivalent examination with one of the following subject combinations:-	30	Rs.1,00,000/- (Rupees One lakh)
2.	<b>B.Sc. Health Informatics</b>	3 years including 6 months internship	i) Physics, Chemistry, Biology, Mathematics (or) ii) Physics, Chemistry, Botany and Zoology.	30	Rs.1,00,000/- (Rupees One lakh)
3.	<b>B.Sc. Data Sciences</b>	3 years including 6 months internship	(or) iii) Physics, Chemistry, Mathematics, Computer Sciences	30	Rs.1,00,000/- (Rupees One lakh)
4.	<b>B.Sc. (Hons) Environmental Health Sciences</b>	4 years including 1 year internship	Candidate should have passed HSC(+2) or equivalent examination with one of the following subject combinations:  i) Physics, Chemistry, Biology and Mathematics (or) ii) Physics, Chemistry, Botany and Zoology.	30	Rs.1,00,000/- (Rupees One lakh)

## **B.Sc. Bioinformatics Program (Under Choice Based Credit System)**

### **INTRODUCTION**

Bioinformatics program focuses on developing methods and software tools for understanding large biological data. It is an interdisciplinary field of science that combines computer science, statistics, mathematics, and engineering to analyze and interpret biological information. The field of bioinformatics experienced explosive growth by the Human Genome Project and rapid advances in DNA sequencing technology. Genome-wide association studies are a useful approach to pinpoint the mutations responsible for such complex diseases. Massive sequencing efforts are used to identify previously unknown point mutations in a variety of genes in cancer. There is a strong need to train students in these core areas, who in turn can work to increase life expectancy and improve the quality of health fostering both humans and animals. The future and present scope of Bioinformatics is increasing as the need of medical science is increasing rapidly.

The Department of Bioinformatics has been offering post graduate programs in Medical Bioinformatics (M.Sc.) for more than 13 years, and has been instrumental in bringing together academicians and eminent professionals from different governmental/non-governmental organizations, in the process of quantifying various molecular parameters and their health impacts. This led us to realize the lack of a multidisciplinary training in this area at the undergraduate level. Hence, this 3-year B. Sc. Bioinformatics provides a profound theoretical and practical knowledge in genetics, cell biology, applied mathematics, biostatistics and key aspects of computer science. It will equip you with the knowledge and skills to tackle real-world life science problems from an informatics and computational perspective. This course also provides an overview of the requirements of current legislation and standards pertaining to biomedical sciences. This program lays strong foundation to the students for preparing themselves as leader's biomedical sciences.

### **SCOPE**

The students after completing the under graduation can join other Universities both in India and abroad for higher studies in biomedical sciences, molecular biology, biotechnology, bioinformatics, human genetics and other life science programs. The student who completes this program will be highly skilled analyst in biological data, informatics and computation programming. Because of the overlap with many disciplines, these students will be able to take a analyst job that will be of assistance to the diverse expertise.

### **PROGRAM HIGHLIGHTS**

- B.Sc. Bioinformatics is a semester based CBCS curriculum program offering 130 credits.
- **Duration:** 3 years including 6 months internship.

### **PROGRAM SUMMARY**

#### **B.Sc. Bioinformatics**

1. The 3-year B.Sc. Bioinformatics program includes class room and laboratory teaching for the 2½ years and an internship for the last 6 months, with a total of **130 credits**
2. This program is for 6 semesters *i.e.*, 2 Semesters / year.
3. Total of 35 courses which comprises of core theory, practical, electives and skill enhancement courses earning a total of 110 credits in 2½ years. In the final semester, 15/20 credits during internship can be earned to give a total of **130 credits** for this degree program.
4. Each semester has 100 working days.
5. The grade system indicates a 10 point scale of evaluation of the performance of students in terms of grades and grade point.
6. Grade point average (GPA) and Cumulative grade point average (CGPA) will be declared as per the CBCS.
7. The Degree of B.Sc. Bioinformatics will be awarded after successful completion at the end of 3 years.

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## **B.Sc. Health Informatics Program (Under Choice Based Credit System)**

### **Introduction:**

Health Informatics is a term describing the acquiring, storing, retrieving and using of healthcare information to foster better collaboration among a patient's various healthcare providers. Health Informatics plays a critical role in the push toward healthcare reform.

### **About this Course :**

**B.Sc. Health Informatics** is a 3 years Non-medical Program consist of 5 regular semesters & 6 months internship during the final year. This program is offered under Choice based Credit system with a total number of **130** credits.

**INTERNSHIP:** On successful completion of all the 5 semesters, the students will have to complete Internship Training in Hospital/Department/appropriate Organization/Company, for a period of not less than 6 months as a part of the course. Hospitals/appropriate center will be allotted by the Director/HoD at the end of 5<sup>th</sup> semester. Degree will be awarded only after the completion of Internship. The Dept. will collect the required Internship Completion Certificate from the concerned Hospital/Department/Company and it will be passed on to the University

### **Course Description**

This **B.Sc. Health Informatics**, course has been designed to explore the healthcare information technology planning and management issues associated with decision making in healthcare organizations. IT provides a framework to understand the types of information systems prevalent in healthcare organizations, evaluate specific strategies related to healthcare IT investments, and understand the ramifications of health data standards and privacy concerns on information management policy.

In this course, students will be encouraged to learn, how the core competencies of healthcare informatics can be developed and applied using real-world case studies. In addition, students will be exposed to specific concepts related to electronic medical records (EMR), health data and standards, sourcing, and IT investments in healthcare.

Upon completion of the course, student should be able to explain the key information requirements for effective health information management and decision support, plan and develop the governance and oversight requirements of healthcare IT projects, understand the specification and selection process of healthcare Information projects, and apply these competencies to real-world problems.

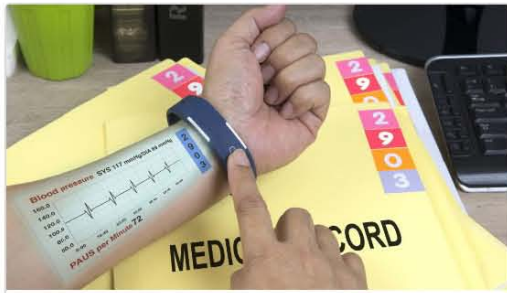
### **Major topics to be covered in Academic Delivery include:**

Healthcare information/data management  
Clinical information systems / electronic medical records  
Healthcare information technology architecture  
IT Governance & Security in healthcare organizations  
Health IT software selection & Developments.  
Meaningful Use.

### **Job Opportunities :**

Demand for health informatics jobs is predicted to increase over the next decade. Medical facilities from Hospitals, Nursing homes and IT Companies are scrambling to find qualified professionals to help successfully complete the mandated goals to implement the "meaningful use" of Health Data generated from electronic health and medical records regularly. After completing the course students may join in job descriptions such as Health Informatics Specialist , Healthcare Data Analyst. EMR Data Analyst, Healthcare IT professional etc. Moreover, Completing an Internship in the final year will also additional choice choosing the job Profile by the students.

Apart from the above, students are also eligible to proceed with PG program & Research ( Ph.D) such as Bioinformatics, Biomedical Informatics, Clinical Informatics, Applied Informatics and Other interdisciplinary domains.



Making Wearables Work: User Comfort is the Next Step for IoT Connected Devices

## PROGRAM SUMMARY

### B.Sc. Health Informatics

1. The 3-year B.Sc. Health Informatics program includes class room and laboratory teaching for the first 2½ years and an internship for the last 6 months, with a total of 130 credits.
2. This program is for 6 semesters i.e., 2 Semesters / year. At the end of 5<sup>th</sup> semester the student will have to undergo an internship program, rotated to various Organizations/ Departments/Labs.
3. Total of 35 courses which comprises of core theory, practical, electives and skill enhancement courses earning a total of 130 credits in three years.
4. At the end of the 2<sup>nd</sup> year students will be rotated to various departments to get trained in various sub-domains of Health Institutes.
5. Each semester has 100 working days.
6. The grade system indicates a 10 point scale of evaluation of the performance of students in terms of grades and grade point.
7. Grade point average (GPA) and Cumulative grade point average (CGPA) will be declared as per the CBCS.
8. The Degree of B.Sc. Health Informatics will be awarded after successful completion of 6 months Internship at the end of 3 years.

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## **B.Sc. Data Sciences Program (Under Choice Based Credit System)**

### **Introduction:**

Data science, also known as data-driven science, is an interdisciplinary field about scientific methods, processes, and systems to extract knowledge or insights from data in various forms, either structured or unstructured data from various sources by high end algorithms and the tools.

### **About this Course :**

**B.Sc. Data Sciences** is a 3 years Non-medical Program consist of 5 regular semesters & 6 months internship during the final year. This program is offered under Choice based Credit system (CBCS) with a total number of **130** credits.

**INTERNSHIP:** On successful completion of all the 5 semesters, the students will have to complete Internship Training in Department /Organization / Hospital/Company, for a period of 6 months as a part of the course. Hospitals/appropriate center will be allotted by the Director/HoD at the end of 5<sup>th</sup> semester. Degree will be awarded only after the completion of Internship. The Department will collect the required Internship Completion Certificate from the concerned Hospital/Department/Company and it will be passed on to the University

### **Course Description**

This **B.Sc. Data Sciences**, specialization training course that provides you detailed learning in data science, data analytics, project life cycle, data acquisition, analysis, statistical methods and machine learning. Apart from that, this course will give you an in-depth understanding of Business Analytics and Big Data using tools like SAS, Hadoop, Python etc,. In addition, this course will helps you understand certain skills such as high end data mining tactics, Data exploration, visualization, and hypothesis testing. In a nutshell, its extremely hands-On and Incredibly Practical innovative program.

This course will give you a full overview of the Data Science journey. Upon completing this course, you will know, how to clean and prepare your data for analysis, then how to perform basic visualization & model your data apart from , how to curve-fit your data and finally, how to present your outcome.

### **Job Opportunities :**

Demand for Data Analytics jobs is predicted to increase over the next decade. After completing the course, students may join in job descriptions such as Data Scientist, Big Data Experts , Data Base expert, Data Analyst. Business Intelligence Analyst, Program Analyst etc... Moreover, Completing an Internship in the final year, will also boost their competency and can add additional choices in choosing the job Profile by the students.

Apart from the above, students are also eligible to proceed with PG program & Research (PhD) such as Data Sciences, Bioinformatics, Medical Bioinformatics , Clinical Informatics, Applied Informatics and Other interdisciplinary domains.

### **PROGRAM SUMMARY**

#### **B.Sc. Data Sciences**

1. The 3-year **BSc-Data Sciences** program includes class room and laboratory teaching for the first 2½ years and an internship for the last 6 months , with a total of 130 credits
2. This program is for 6 semesters i.e., 2 Semesters / year. At the end of 5th semester the student will have to undergo an internship program , rotated to various Organizations/ Departments / Labs.
3. Total of 35 courses which comprises of core theory, practical, electives and skill enhancement courses and internship in the final semester will earning a total of 130 credits in three years..
4. At the end of the 2<sup>nd</sup> year students will be rotated to various departments/Organisation to get trained in different sub domains of Data Sciences.
5. Each semester has 100 working days.
6. The grade system indicates a 10-point scale of evaluation of the performance of students in terms of grades and grade point.
7. Grade point average (GPA) and Cumulative grade point average (CGPA) will be declared as per the CBCS.
8. The Degree of B.Sc. Data Sciences will be awarded after successful completion of Internship at the end of 3 years.

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# **B.Sc. (Hons.) Environmental Health Sciences**

**[Under Choice Based Credit System]**

## **INTRODUCTION**

Environmental health sciences program focuses on human health that is linked to the interaction between living and environmental conditions. There must be a balance between the human development and the preservation of nature. The exponential growth in human development ultimately ends up with exploitations of natural resources after meeting the human demands. Subsequently, this leads to severe degradation of the environment, endanger of life of plants and animals, changes in landscape and climate, depletion of essential resources such as water and food. Environmental health sciences are linked with biological, non biological, physical, social and technological features integrating multiple disciplines. According to the international organization, Environmental health discipline is often considered to be focusing on disease prevention. With no further knowledge on science interface with other disciplines, there cannot be a complete understanding of the subject. There is a strong need to train students in these core areas, who in turn can work to preserve nature and improve the quality of environment fostering both the people and environment for sustainable growth.

The department of EHE has been offering post graduate programs in public health (MPH) and industrial hygiene & safety (M.Sc.) for more than 7 years, and has been instrumental in bringing together academicians and eminent professionals from different governmental/non-governmental organizations, in the process of quantifying various environmental parameters and their health impacts. This led us to realize the lack of a multidisciplinary training in this area at the undergraduate level. Hence, this 4-year B.Sc. (Hons) Environmental Health Sciences (BEHS) provides a profound theoretical and practical knowledge in air quality, water quality, food quality, ecology, environmental health and chemistry, basic physics, microbiology, biochemistry, public health, atmospheric chemistry, interaction of human physiology and body systems with environmental exposures, toxicology and diseases, social and human behavior and environmental management systems. This course also provides an overview of the requirements of current legislation and standards pertaining to environmental health. Foundation teaching will be covered in the first three years and beginning of year four, the students will start their laboratory/field rotations. The students will be rotated to laboratories, governmental and nongovernmental organization for gaining practical training on water quality, air quality and food quality testing procedures, essentials of maintaining the toxicity testing laboratories, environmental conservation and disease surveillance. During the field or laboratory rotation, the students will be offered hands-on experience on using modern equipment and techniques to analyze physical and biological parameters. This program lays strong foundation to the students for preparing themselves as leader s environmental health sciences.

## **SCOPE**

After completing the under graduation, the students can join other Universities both in India and abroad for higher studies in environmental sciences, public health, molecular biology, biotechnology, bioinformatics, human genetics and other life science programs. The student who completes this program will be skilled technologist in water, air food quality testing, disease surveillance and environmental management and conservation and will be able to take a technologist job.

Undergraduate students of the BEHS are trained in the fundamentals of environment and its impact on health. Hence, such students possess the training and expertise to become highly skilled technologist in water, air, food quality testing, disease surveillance and environmental conservation. The need for such expertise and training has been increasing in industries and laboratories, either in government or private sectors, which are involved in testing environmental parameters, disease surveillance and environmental conservation. These interdisciplinary environmental biologists can also progress vertically.



## HIGHLIGHTS

BEHS is a semester based CBCS curriculum program offering 170 credits.

**Duration:** 4 years including one year internship.

## PROGRAM SUMMARY

### **B.Sc. (Hons) Environmental Health Sciences [BEHS]**

1. The 4-year BEHS program includes class room and laboratory teaching for the first 3 years and an internship and a mini project for the last 1 year, with a total of **170 credits**
2. This program is for 8 semesters *i.e.*, 2 Semesters / year. At the end of 6<sup>th</sup> semester the student will be rotated to various laboratories.
3. Total of 48 courses which comprises of core theory, practical, electives and skill enhancement courses earning a total of 140 credits in three years. In the fourth, final year, 30 credits during internship and mini project can be earned to give a total of **170 credits** for this degree program.
4. At the end of the 3<sup>rd</sup> year students will be rotated to various departments to get trained in environmental monitoring and analysis.
5. Each semester has 100 working days.
6. The grade system indicates a 10-point scale of evaluation of the performance of students in terms of grades and grade point.
7. Grade point average (GPA) and Cumulative grade point average (CGPA) will be declared as per the CBCS.
8. The Degree BEHS will be awarded after successful completion of laboratory rotation at the end of 4 years.

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**1. FILLING APPLICATION FORM AND ATTACHING SELF ATTESTED COPY OF CERTIFICATES:**

- (a) Application form should be filled in carefully and legibly by the candidate in his/her own handwriting.
- (b) Candidates **should enclose only self attested photocopy of the certificates** relating to qualification, age and nationality such as Mark sheet(s), Transfer Certificate, etc. **The original Mark Sheet(s) of the qualifying examination and other original documents should not be enclosed. They have to be produced only at the time of interview.**
- (c) Application will be rejected summarily if incomplete or sent without enclosing the relevant certificates and demand draft as mentioned above.
- (d) There is no domicile restriction and therefore, candidates belonging to any State/Union Territory in India only are eligible to apply.

**2. PHOTOGRAPHS:**

Candidates should affix the photographs in the space provided.

**3. INTERVIEW CALL LETTER:**

- (a) Interview Call Letter will be sent only to the eligible candidates through email only.
- (b) INTERVIEW CALL LETTER MUST BE PRODUCED AT THE TIME OF INTERVIEW WITHOUT FAIL. NO CANDIDATE SHALL BE ALLOWED TO ATTEND THE INTERVIEW WITHOUT THE CALL LETTER.
- (c) Mere acceptance of a person as a candidate for Interview shall not confer on him/her any right/eligibility for admission. The name of the candidate who does not satisfy the prescribed eligibility criteria shall not be considered for admission.
- (d) All candidates appearing for an interview shall be required to sign an attendance register to authenticate their presence.

**4. INTERVIEW CENTRE:**

The Interview will be conducted at **Sri Ramachandra University, Porur, Chennai - 600 116**. The candidates have to appear for the Interview at their own expenses.

**5. DATE OF INTERVIEW:**

An interview will be conducted on **23.09.2017 (Saturday)** from **10.00 a.m.** The candidates are advised to be at the Interview Centre an hour before the commencement of the Interview.

## **6. MODE OF SELECTION:**

- (a) Selection will be made on the basis of the marks secured by the candidates in the Interview. Intimation letter will be sent to the candidates provisionally selected for admission.
- (b) Results will be published in the University Notice Board and selected candidates will be intimated individually through email.

## **7. IMPORTANT NOTE:**

- i. All admissions are subject to fulfillment of all the eligibility conditions by the candidate. If it is found at a later stage, that the candidate has given false information/forged certificates or concealed material information, his/her admission will be cancelled without any notice.
- ii. The University reserves the right to change the curriculum, course structure and the rules relating to admission, examinations, fee structure, refunds, etc.
- iii. All disputes arising in the interpretation and implementation of the provisions in this prospectus will be referred to the Vice-Chancellor of Sri Ramachandra University and Vice-Chancellor's decision shall be final and binding.
- iv. In respect of matters relating to or arising out of this prospectus the jurisdiction shall lie in Chennai alone.

## **8. DEPOSIT OF CERTIFICATES:**

Verification of original certificates will be made at the time of admission. Candidates provisionally selected for admission will have to deposit all required original certificates with the University office. Therefore, candidates are advised to keep with them enough number of attested photocopies of their certificates.

## **9. CHANGE OF NAME/DATE OF BIRTH :**

The name and date of birth of candidates will be registered in the records of the University as given in their H.S.C. Mark Statement/Transfer Certificate only. No request will be considered later in regard to correction in the spelling of the name of the candidates. The parents and candidates are requested to verify and confirm these entries in the H.S.C. Mark Statement / Transfer Certificate at the time of receipt of the same.

Once admitted to a course of study in the University, date of birth as furnished in the H.S.C./School record of student and submitted to the University at the time of admission, shall be taken as final proof and no subsequent request for change of date of birth will be entertained by the University at any time under any circumstance, either during the course of study or after the completion of such study. Every student shall give an undertaking to this effect duly countersigned by his/her parent or guardian at the time of admission.

## **10. PAYMENT OF TUITION AND OTHER FEES**

1. Every student shall pay tuition fee and other fee, as prescribed by the University, within the due date notified. The fees are subject to revision as per rules of the University.
2. All fees, once paid to the University account, will not be refunded or adjusted for any other purpose under any circumstance.

## **11. RULES FOR DISCONTINUANCE FROM COURSE OF STUDY**

1. Where any student applies for discontinuance, or without any application discontinues on his/her own, from the course to which he/she has been admitted to, for any reason, either after the cut-off date prescribed by the statutory authorities for admission to the first year of the course concerned or where the seat is rendered vacant without having any chance of being filled up with any other candidate from waiting list etc., such students will have to remit the tuition fee and other applicable fees for the 'entire/remaining course period'. Unless and until payment of all the prescribed fees for the entire/remaining course period is made to the University account, such student shall not be entitled to any certificate including transfer certificate, mark sheets etc., to be issued by the University and to get back his/her original certificates deposited with the University at the time of admission.
2. All students and parent will be required to furnish a declaration agreeing to the above said conditions at the time of admission.

## **12. MEDICAL EXAMINATION:**

The candidates provisionally selected for admission will have to undergo a medical examination at Sri Ramachandra University, Porur, Chennai - 116 and only those who are found medically fit will be admitted to the course concerned.

## **13. CHECK LIST:**

- (a) Please ensure whether the following certificates (**self attested photocopies only**) have been enclosed along with the duly filled in application :-
  - i. Mark statement(s) issued by (State Board/CBSE/ISC or any other equivalent authority);
  - ii. Birth Certificate for proof of age (if date of birth is not given in the Mark Statement or Transfer Certificate);
  - iii. Transfer Certificate/Migration Certificate;
  - iv. Conduct Certificate issued by the Head of the Institution last studied.



**14. LAST DATE:**

- (a) Application Form duly filled in and securely fastened with the above mentioned enclosures sent by Registered Post / Speed Post / Courier Service or maybe submitted in person to reach: **THE REGISTRAR, SRI RAMACHANDRA UNIVERSITY, Porur, Chennai - 600 116** on or before **20.09.2017 (Wednesday)**.
- (b) **The candidate should submit the application form without folding it in a A4 size envelope.**
- (c) Applications delivered **after 5.00 p.m. on 20.09.2017 (Wednesday)** due to any reason, will be rejected summarily.
- (d) The University shall not be liable for any postal delay or loss in transit.
- (e) The candidates are advised to send the applications well in advance to avoid any delay in transit.

**REGISTRAR**

## **SRI RAMACHANDRA UNIVERSITY**

(Declared under Section 3 of the UGC Act, 1956)

**Accredited by NAAC with 'A' Grade**

**Porur, Chennai – 600 116.**

Sri Ramachandra Medical College and Research Institute was established by Sri Ramachandra Educational and Health Trust in the year 1985 as a private non-profit, self-financing Institution dedicated to serve the society as a Centre of Excellence with emphasis on Medical Education, Research and Healthcare. In view of its academic excellence, the Government of India declared, Sri Ramachandra Medical College & Research Institute as a Deemed University in September, 1994 under Section 3 of the University Grants Commission Act, 1956. The nomenclature of the Institution has been changed to Sri Ramachandra University from December 2006. The Trust achieved the task of establishing this institution as a “Centre of Excellence” under the leadership of Late Shri. N.P.V. Ramasamy Udayar who was the Founder & Managing Trustee of the Trust and also the first Chancellor of the Deemed University. Shri.V.R. Venkataachalam is currently the Chancellor of the University and also the Managing Trustee of the Trust.

The objective of the Institution is to have the facility raised and developed to a level comparable to any major medical establishment in advanced countries. With this goal in mind, the Trust has in close co-operation of, and the able guidance from, professional experts in administration and teaching, developed this sprawling 150 acres of green campus to the level of a prestigious University today. Further milestones were reached and on April 1, 1997 when an inter-institutional alliance between Harvard Medical International, USA and Sri Ramachandra Medical College and Research Institute was signed. This major step in the growth of the Institution has further led the Institution towards quality in the areas of Medical Education, Health Care and Research and enhanced its visibility and recognition at the International level.

Harvard Medical International, in its annual report 2007, had stated that “Sri Ramachandra is the model of a learning Institution in both its Medical school and Hospitals. They have pursued faculty development with great rigor, and in the Hospital are striving to be a quality leader in India. The Institution stands out because of its commitment to taking care of all”.

Sri Ramachandra Medical College and Research Institute is among the very few Medical Institutes in India which have been sanctioned 250 seats in MBBS Degree course by the Medical Council of India and the Institution was given the privilege effective from the academic year 2011-12.

## **ACCREDITATION:**

Sri Ramachandra University has been accredited (cycle-2) by National Assessment and Accreditation Council (NAAC) with CGPA of 3.62 on four point scale at 'A' Grade.

The Clinical Laboratory is NABL accredited and the Blood Bank is reaccredited by the American Association of Blood Banks (AABB).

The Centre for Toxicology (CEFT) is GLP certified and it is the first Medical University in the country to get the GLP certification from DST, Govt. of India.

## **CONSTITUENT COLLEGES:**

The following are the constituent Colleges of Sri Ramachandra University:

- 1) **Sri Ramachandra Medical College and Research Institute**
- 2) **Sri Ramachandra Dental College and Hospital**
- 3) **Sri Ramachandra College of Pharmacy**
- 4) **Sri Ramachandra College of Nursing**
- 5) **Sri Ramachandra College of Physiotherapy**
- 6) **Sri Ramachandra College of Allied Health Sciences**
- 7) **Sri Ramachandra College of Management**
- 8) **Sri Ramachandra College of Biomedical Sciences, Technology and Research; and**
- 9) **Sri Ramachandra College of Public Health.**

The University offers, at present 15 Degree courses at undergraduate level in medical, dental, para-medical and allied health sciences disciplines and 39 courses in Medical, 8 courses in Dentistry and 35 para-medical Degree courses at postgraduate level through the above constituent Colleges. In all, nearly 5,000 students receive teaching and training within the University campus.

## **LIBRARY:**

A centrally air-conditioned large Library, known as Sri Ramachandra Central Library is ideally located in an area of 40,000 sq.ft. The students and faculty gain free access to a large collection of Medical and related books and journals gathered over a period of 32 years which provide rich study and reference material. The Library has a good stock of audio and video-cassettes on various subjects and facilities for microfiche access. The "e-Learning Resource Centre" with 48 new updated systems and Wi-Fi facility with access to Medlars, Internet and CD-ROM facilities. It is an excellent learning centre in which a huge collection of



models of anatomical interest are also exhibited for the benefit of the students and faculty. Apart from this, book bank services are also available for the students. In addition to hard copies, around 1,000 journals are also available online at the active learning centre through “ProQuest & MEDLARS”, where unlimited access is available to the students.

### **HOSTELS:**

There are separate hostel facilities for both men and women students with 3,500 single rooms inside the campus to accommodate undergraduate and postgraduate students in medical and other disciplines. The campus has continuous running soft water supply and power supply.

### **SRI RAMACHANDRA HOSPITAL:**

Sri Ramachandra Hospital is a major Tertiary care and referral centre located within the University campus. The Hospital caters to the needs of the students for their learning and training in various specialities. Placed in a suburban locality and amidst major highways, the hospital serves a cross section of the community belonging to every economic segment of the society. On an average 5,000 patients visit the out-patient facility everyday. The diagnostic capability available at the hospital is comparable to any University Hospital in any advanced country. The sophisticated clinical laboratory, AABB accredited blood bank and a wide range of imaging facilities including C.T. Scan, MRI, Multi Detector Slice Spiral CT, Cardiac Angiography, Cerebral Angiography and Gamma Camera add to the diagnostic armamentarium of the Hospital.

The Neurology Laboratory, Pulmonology Laboratory, Non-invasive and invasive Cardiac Laboratories have all been developed to the current state-of-the-art level. The most modern operation theatres, ICU and Critical Care beds add to this unique facility. The students have unlimited opportunities to learn in this modern hospital. Similarly, specialities have grown in the last 32 years in every facet of medical advancement. The Cardio Vascular & Thoracic Surgery programs have already reached a significant level of perfection as also the other major divisions like Vascular Surgery, Neuro Surgery Interventional Neuro Radiology, Critical Care Medicine, Reproductive Medicine and transplantation services.

Clinical Skills Labs in several departments like Orthopaedics, General Surgery, Obstetrics and Gynaecology, ENT provide opportunities for postgraduate students to acquire the much sought after practical skills in complex surgical procedures.



## **SRI RAMACHANDRA UNIVERSITY CENTRAL RESEARCH FACILITY:**

Sri Ramachandra University has established the Central Research Facility (CRF) in the year 2007 as the “A to Z gateway” for research, to take care of all logistics of research planning, research projects administration, research documentation, providing centralized sophisticated equipment facility and University-Industry Liaison Centre with IPR/Patents Cell on a ‘ready to use platform’ to the entire University.

The ‘Research Vision’ of Sri Ramachandra University is to evolve the University as an “International Centre of Excellence in Translational Medical Education & Research and Biomedical Nanotechnology”.

## **ANTI RAGGING MEASURES:**

Ragging is strictly prohibited in the University Campus. Sri Ramachandra University strictly enforces anti-ragging measures and the campus is free from any form of ragging. Any violation will be dealt with according to the law in force and as per directives of the Hon’ble Supreme Court of India.

**The University implements the “Medical Council of India (Prevention and Prohibition of ragging in Medical College / Institutions) Regulations, 2009” and “UGC Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009” strictly and these Regulations shall be applicable to all students. Full text of the same is available in the University Website: [www.sriramachandra.edu.in](http://www.sriramachandra.edu.in).**

Further, the attention of the students and parents is invited to Section 4 and 5 of the Tamil Nadu Prohibition of Ragging Act, 1997 which are reproduced below:

**Section 4:** -Whoever commits, participates in, abets or propagates ‘ragging’ within or without any educational institution, shall be punished with imprisonment for a term which may extend to two years and shall also be liable to a fine which may extend to Rs.10,000/-(ten thousand rupees)

**Section 5:** - Any student convicted of an offence under section 4 shall also be dismissed from the educational institution and such student shall not be admitted in any other educational institution.

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| i. No. of ragging incidents during the academic year 2016-2017 : | NIL |
| ii. Punishment awarded :   | NIL |

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