

Engg. - Group: - C



SRI RAMACHANDRA

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Category - I Deemed to be University) Porur, Chennai

Graded as a Category I University by the UGC & Accredited by NAAC with Grade 'A++'

website: www.sriramachandra.edu.in www.sret.edu.in

Faculty of Engineering and Technology

(Committed to provide world class education in Artificial Intelligence, Health Informatics and Medical Engineering)

PROSPECTUS

FOR ADMISSION TO

THE FOLLOWING M.Sc. DEGREE PROGRAMMES- 2023-24

Engg. Group – C

(Admission through Interview)

- 1. M.Sc. Artificial Intelligence**
- 2. M.Sc. Data Analytics**
- 3. M.Sc. Medical Bioinformatics**





(Late) Shri N.P.V. RAMASAMY UDAYAR
FOUNDER - CHANCELLOR

The Vision

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

The Mission

Sri Ramachandra Institute of Higher Education and Research 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.

Important points and Dates

1.	Mode of application	Online only. Visit website www.sriramachandra.edu.in www.sret.edu.in
2.	Fee for application & mode of payment	Rs.1,000/- (Rupees One thousand only) To be paid online while submitting online application
3.	Date on which online application available in Deemed University website	16.02.2023 (Thursday)
4.	Last date for filling online Applications Engg. Group – C	25.05.2023 (Thursday) 5.30 p.m. (Server Time)
5.	Candidates can download the Hall Ticket from	30.05.2023 Login to www.sriramachandra.edu.in
6.	Date of Interview	05.06.2023 (Monday)
7.	Centre for Interview	Sri Ramachandra Institute of Higher Education and Research, Porur, Chennai 600116

Candidates are advised to visit www.sriramachandra.edu.in regularly and also check their emails for updates.

ADMISSION TO POST GRADUATE M.Sc. PROGRAMMES OFFERED 2023-24

Programmes	Eligibility	Duration	Intake	Fee per academic year**
M.Sc. Artificial Intelligence	<ul style="list-style-type: none"> - Bachelors in Computers, Engineering, Science, Medicine, Dentistry, Pharmacy, Allied Health Sciences, Business, Commerce and others - Graduates should have scored a minimum average of 55% of marks. - Working professionals in the relevant field are also eligible to apply 	2 years	30	75,000/-
M.Sc. Data Analytics	<ul style="list-style-type: none"> - Bachelors in Computers, Engineering, Science, Medicine, Dentistry, Pharmacy, Allied Health Sciences, Business, Commerce and others - Graduates should have scored a minimum average of 55% of marks. - Working professionals in the relevant field are also eligible to apply 	2 years	30	75,000/-
M.Sc. Medical Bioinformatics	<ul style="list-style-type: none"> - Bachelors in Science, Computers, Engineering, Medicine, Dentistry, Pharmacy, Allied Health, Business, Commerce and others - Graduates should have scored a minimum average of 55% of marks. 	2 years	20	75,000/-

** including Internship Period

Important Note: The fee is per academic year which should be paid on or before the prescribed date each academic year, during the entire duration.

SRI RAMACHANDRA

**INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Deemed to be University)
Porur, Chennai - 600116**

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

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, in close co-operation of, and able guidance from professional experts in administration and teaching, has developed this sprawling 150 acres of green campus to a level of a prestigious Deemed University today. Further milestones were reached as on April 1, 1997 when an inter-institutional alliance between Harvard Medical International, USA and Sri Ramachandra Medical College and Research Institute was signed, which had further led the institution towards enhanced 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, 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 then Medical Council of India from the academic year 2011-12.

As notified by the Central Government, the name of the Deemed University has been changed as "Sri Ramachandra Institute of Higher Education and Research" from August, 2018.

An important milestone has been achieved when Sri Ramachandra Institute of Higher Education and Research was graded as Category - I University by the UGC in 2018.

ACCREDITATIONS :

i. NAAC:

Sri Ramachandra Institute of Higher Education and Research (Deemed to be University) has been accredited (Cycle-3) by the National Assessment and Accreditation Council (NAAC) with CGPA of 3.53 on a four point scale with the highest 'A++' Grade.

ii. NIRF:

Sri Ramachandra Institute of Higher Education and Research (Deemed to be University) has been ranked at 48 among Universities in NIRF – 2022. In the National Institutional Ranking Framework (NIRF – 2022), SRMC & RI has been placed at 15th rank among the Medical Colleges, Sri Ramachandra Faculty of Dental Sciences at 13th rank among the Dental Colleges and Sri Ramachandra Faculty of pharmacy at 31st rank among the Pharmacy Colleges in the country.

iii. The Clinical Laboratory is NABL accredited. The CEFTE is a GLP certified animal and toxicology facility located within the Deemed University. It is the first Medical University in India to get the GLP Certification from DST, Govt. of India.

iv. UNESCO Chair in Bioethics has been established at the Deemed University.

FACULTIES/CONSTITUENT COLLEGES:

The following are the Faculties/constituent college of Sri Ramachandra Institute of Higher Education and Research (Deemed to be University):

- 1. Sri Ramachandra Medical College and Research Institute**
- 2. Sri Ramachandra Dental College and Hospital**
- 3. Sri Ramachandra Faculty of Pharmacy**
- 4. Sri Ramachandra Faculty of Nursing**
- 5. Sri Ramachandra Faculty of Physiotherapy**
- 6. Sri Ramachandra Faculty of Allied Health Sciences**
- 7. Sri Ramachandra Faculty of Management Sciences**

8. **Sri Ramachandra Faculty of Biomedical Sciences & Technology**
9. **Sri Ramachandra Faculty of Public Health**
10. **Sri Ramachandra Faculty of Sports & Exercise Sciences**
11. **Sri Ramachandra Faculty of Clinical Research**
12. **Sri Ramachandra Faculty of Engineering and Technology**
13. **Sri Ramachandra Faculty of Audiology and Speech Language Pathology**
14. **Sri Ramachandra Faculty of Occupational Therapy**

The Deemed University offers at present D.Sc., Ph.D., 35 Degree programmes at undergraduate level in medical, dental, nursing, pharmacy, management, allied health sciences and Engineering & Technology disciplines and 52 programmes in Medical, 8 programmes in Dentistry, 55 programmes in nursing, pharmacy, management, allied health sciences and 3 M.Sc. Degree Programs in Engineering & Technology at Postgraduate level, and 1 Certificate Course. In all, more than 7200 students who come from different parts of the country and abroad receive their teaching and training within the campus in a vibrant atmosphere which is highly conducive for higher education.

SRI RAMACHANDRA FACULTY OF ENGINEERING AND TECHNOLOGY (SRET) was established in 2019 with a mission to promote excellence in engineering and technology education, to prepare graduates to solve society's problems and to be at the forefront of innovation and research in the fields of Medical Engineering and Health Informatics.

The unique aspects of the SRET programs are:

- Practice oriented curriculum
- Compulsory industry internships in all academic years including the first year
- Placement training by industry professionals
- Several Memorandums of Understanding (MoUs) with foreign Universities for internships and higher education
- Support to establish startups
- Opportunities to carry out research activities in Medical Engineering and Health Informatics
- Placement opportunities in top-rated Information Technology, Engineering Management and Health Care Industries.

SRI RAMACHANDRA MEDICAL COLLEGE AND RESEARCH INSTITUTE:

Sri Ramachandra Medical College and Research Institute has, since its inception in 1985, always been in the forefront of medical education. A fully integrated, innovative, competency based curriculum as notified by the Medical Council of India has been developed for the MBBS Degree program that allows students to learn in a patient-centered manner. With assistance from Harvard Medical International and through extensive faculty development, value addition has been provided to the MBBS and MD/MS program to make it more students centered. Class rooms have been redesigned with smart boards and simulation lab to reflect the new teaching ethos. Small group discussion areas have been created.

- Sri Ramachandra Medical College and Research Institute is recognized by the erstwhile Medical Council of India, General Medical Council of UK, Medical Council of Thailand and Sri Lanka.
- Sri Ramachandra Medical College and Research Institute is included in the Directory of the World Health Organisation.
- The Medical Council of India (MCI) (presently National Medical Commission) has recognized Sri Ramachandra Medical College and Research Institute of Sri Ramachandra Institute of Higher Education & Research (Deemed to be University), as a Nodal Centre to conduct both Basic and Advance course in Medical Education Technologies to the faculty members working in around 40 Medical Colleges in South India.

SRI RAMACHANDRA CENTRAL LIBRARY:

The Central Library, has huge collections of resources, caters to all the needs of courses offered in this Institute. The library is spread in an area of 40,000 Sq. Ft. with all amenities including centralized air-conditioned facility with Wi-Fi enabled premise. The resource centre remains open for use from 8 a.m. to 10 p.m. in all the working days of the institute and in holidays from 9 a.m. to 4 p.m. The library housekeeping operations are fully automated and RFID technology is enabled. One can access the information through the library portal anytime and anywhere and on all the days. The online resources subscribed by the central library include e-Books, e-journals and specialty online databases can be accessed by all the members in and out of the campus through remote access facility software remotlog.

A large collection of resources for Medical, Engineering, Paramedical, Allied health sciences and Biomedical Sciences procured over a period is a boon to the Central library. At present the Central library has a huge collection of Text and Reference books numbering to 66555 and there is a separate section functioning for economically weaker sections where students are lent books for the whole semester and they can return the books after the examination is over. The library currently subscribed 413 journals including national and international journals in print version and 465 online journals. Besides the central library has procured an evidence based point of care database covering clinical overviews, Drug monographs, Calculators, guidelines, Patient education along with Ebook

collection Ejournals, Procedural videos and Multimedia. The library portal is enabled with Delnet, and NPTEL facilities offered by the Ministry of HRD under the Institute of national importance. The resource centre has huge collections of back issues (Archives) of journals numbering to 1,04,976 which support the researchers for literature review. The resource centre has added books currently for the year 2022-2023, 2273 volumes and the number of titles are 1015 The resource centre has evidence based collections of 5984 VCDs and DVDs on various specialties. The resource centre has a digital library section and all the online resources housed in the computers are available for access across the campus. A total of 317 Ph.D. theses submitted in all the disciplines have been uploaded in the national reservoir ShodhgangaInflibnet as per the requirement of UGC under MHRD.

HOSTELS:

There are separate hostel facilities for both men and women students with 3500 single rooms inside the campus to accommodate undergraduate and postgraduate students in medical, dental and other paramedical disciplines. The campus has continuous running soft water supply and power supply. The avenues of trees and green plants give a resort-like-ambience which is highly conducive to pleasant learning and peaceful living within the campus. Hostels are also equipped with internet facility for the benefit of the inmates. Covid – 19 pandemic guidelines and protocols are strictly followed.

Note: Hostel accommodation will be provided only after the admission process is over, before the commencement of classes. Those candidates who require hostel accommodation, have to register their names with hostel warden when they attend counseling session for admission (at the Hostel help desk where types of accommodation with hostel fees will be displayed). Subject to availability, hostel accommodation will be allotted after payment of prescribed hostel fees by Demand Draft/RTGS transfer. Candidates are advised to go through the Hostel rules in the Student Manual uploaded in the Deemed University Websites.

SRI RAMACHANDRA HOSPITAL:

Sri Ramachandra Hospital is a major tertiary care and referral centre located within this campus. The Hospital caters to the needs of the students for their learning and training in various specialties. 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, 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 ample opportunities to learn in this modern hospital. Similarly, specialities have grown in the last 36 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 hepatology, hand surgery, radiation oncology, cardiac anaesthesiology, rheumatology, medical and surgical oncology 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. Basic Skills Lab for undergraduate education has also been setup centrally for Medicine, Surgery, OBG and allied skills.

TELEMEDICINE:

The Deemed University has national level visibility as a centre of excellence in exploiting Information Technology to the hilt, by establishing state-of-the-art Telemedicine facility through Satellite, ISDN lines and Internet connectivity. Both students and the faculty benefit from Tele-Medicine Centre which is well connected with various national and international Institutions.

CENTRAL RESEARCH FACILITY:

The Central Research Facility (CRF) which was established in 2007, as the "A to Z gateway" for research, takes 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, etc., on a 'ready to use platform' of the entire Deemed University.

The CRF is housed in a 25,000 sq. ft. exclusive facility with a sophisticated instrumentation laboratory containing the latest equipments. CRF also has established Sri Ramachandra Innovation Incubation Centre for incubates and startups. It has received financial assistance to the tune of Rs. 4.50 crores from BDT-BIRAC-BIONEST, Govt. of India. There is also FDA audited and DCGI registered Clinical Trial Division and other 14 Centers of Research excellence recognized by national and international agencies.

Further, the Centre for Toxicology and Developmental Research (CEFTE) is also functioning in 15,000 sq.ft. area with state-of-the-art facilities and it has been approved by the Committee for

the Purpose of Control and Supervision of Experiments on Animals (CPCSEA) as a GLP compliant animal facility. CEFTE undertakes a number of preclinical toxicology studies for researchers and industries.

ANTI-RAGGING MEASURES:

Ragging is strictly prohibited in this Campus. Sri Ramachandra Institute of Higher Education and Research (Deemed to be University) strictly enforces anti-ragging measures and the campus is free from any form of ragging. Any violation will be dealt with according to law in force and as per the directives of the Supreme Court of India.

The Deemed University has adopted the

- I. **“UGC Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009” (as amended);**
- II. **“Medical Council of India(Prevention and Prohibition of ragging in Medical College / Institutions) Regulations, 2009” (as amended);**
- III. **“Dental Council of India Regulations on curbing the menace of Ragging in Dental Colleges, 2009” (as amended); and**
- IV. **“All India Council for Technical Education (prevention and prohibition of ragging in Technical Institutions, Universities including Deemed Universities imparting technical education) Regulations 2009”.**

These Regulations shall be applicable to all students. Full text of the Regulations is available in the University Website: www.sriramachandra.edu.in.

Further, attention of the students and parents is invited to Sections 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/- (Rupees Ten thousand).

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.

Data on Ragging:

- i. No. of ragging incidents during the academic year 2022-23 : NIL
- ii. Punishment awarded : NIL

INSTRUCTIONS TO THE CANDIDATES

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

- (a) Application forms are available online only which should be filled in carefully by the candidates with complete details and submitted online along with scanned copies of documents and passport size Photograph as attachments (listed in clause – 2 below) in this prospectus.
- (b) The Registration fee of **Rs.1,000/-**(Rupees One thousand only) paid while submitting online application, will not be refunded under any circumstances.
- (c) Candidates **should attach only scanned copies of Self attested certificates** relating to qualification, age and community such as Mark sheet(s), qualification Degree Hall Ticket, Birth Certificate etc. **The original Mark Sheet(s) of the qualifying examination and other original documents have to be produced only at the time of counseling.**
- (d) Application will not be accepted if incomplete or uploaded without attaching the relevant certificates and without paying the registration fee online.

2. SELF ATTESTED CERTIFICATES TO BE ENCLOSED:

Please ensure whether the following scanned copies of your self attested certificates and passport size photograph have been attached along with the duly filled in online Application Form:--

- (i) Degree Examination Mark Statements (First year to Final year);
- (ii) Provisional Pass Certificate/Degree Certificate;
- (iii) In respect of the candidate who has appeared/will be appearing for Final year Degree examination, either photocopy of the last semester/year mark Statement issued by the University concerned or a certificate from the Head of the Institution concerned;
- (iv) Transfer Certificate/Migration Certificate;
- (v) Internship Completion Certificate, if applicable ;

3. INTERVIEW CALL LETTER:

- (a) Interview Call Letter can be downloaded by all eligible candidates from the website of this Deemed University from 30.05.2023 onwards.
- (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 candidate who does not satisfy the prescribed eligibility criteria shall not be considered for admission.
- (d) All candidates appearing for interview shall be required to sign an attendance register to record and authenticate their presence.
- (e) They should submit a photocopy of the mark statement of qualifying degree from first to final year on or before **15.06.2023** and also provisional certificate, if available.

4. INTERVIEW CENTRE:

The Interview will be conducted at **Sri Ramachandra Institute of Higher Education & Research (Deemed to be University)**, Porur, Chennai - 600 116. The candidates have to appear for the Interview at their own expenses.

5. DATE OF INTERVIEW:

The interview will be conducted on **05.06.2023** in batches and the exact date & time for the candidate will be intimated by e-mail well in advance. 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 by e-mail.
- (b) In case of candidates who secure the same marks in the Interview, ranking will be made based on their academic performance from First year to Final year in the qualifying examination Prescribed for admission.
- (c) In case of their provisional selection for admission, they must produce Provisional Pass Certificate or Degree Certificate and other relevant documents required, at the time of counselling. Candidates who fail to produce the required documents, will not be considered for selection.
- (d) Results will be published in the University Notice Board and also in the website: **www.sriramachandra.edu.in**
- (e) Selected candidates will be intimated individually through e-mail. Hence students should furnish correct e-mail id in the application.

7. IMPORTANT NOTE:

- i. All admissions are subject to fulfillment of all the prescribed eligibility conditions by the candidate and production of All RELEVANT ORIGINAL CERTIFICATES at the time of counseling.
- ii. If it is found either at the time of admission or at a later stage, that the candidate has given false information/forged certificates or concealed material information, his/her admission shall be cancelled and the student will be dismissed from the institution/faculty/college immediately.
- iii. The Deemed to be University reserves the right to change the curriculum, course structure and the rules relating to admission, examinations, fee structure, refunds, etc.
- iv. All disputes arising in the interpretation and implementation of the provisions in this prospectus will be referred to the Vice-Chancellor of this Deemed to be University and the Vice-Chancellor's decision shall be final and binding.
- v. 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 this office. Therefore, candidates are advised to keep with them sufficient number of attested photocopies of their certificates.

9. CHANGE OF NAME/DATE OF BIRTH:

The name and date of birth of the candidate will be registered in the records of the University as given in the HSC Mark Statement/Transfer Certificate/ Provisional or Degree Certificate. No request will be considered later in regard to change of date of birth or correction in the name of the candidate. The parents and candidate are requested to verify and confirm these entries in the HSC Mark Statement/ Transfer Certificate/Provisional or Degree Certificate at the time of receipt of the same.

10. PAYMENT OF TUITION AND OTHER FEES

- i. The tuition fee is payable for the entire duration of the programme.
- ii. Every student shall pay tuition fee and other fee, as prescribed by the Deemed University, within the due date notified. The fees are subject to revision as per rules of the Deemed University.
- ii. All fees, once paid to the Deemed University account, will not be refunded or adjusted for any other purpose under any circumstance.

11. RULES ON DISCONTINUANCE FROM COURSE OF STUDY

- i. 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 student 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 Deemed 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 Deemed University at the time of admission.
- ii. 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 Institute of Higher Education & Research (Deemed to be University), Porur, Chennai - 116 and only those who are found medically fit will be admitted to the course concerned

13. LAST DATE:

(a) Application Form duly filled in with all attachments should be submitted online on or before **25.05.2023 (Thursday) up to 5.30 p.m. (server time)**.

(b) The Deemed to be University shall not be liable for any delay arising out of internet technical issues. Hence candidates are advised to file online applications well in advance.

REGISTRAR

PLACEMENT

SOME OF OUR TOP RECRUITERS

