



SRI RAMACHANDRA

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Deemed to be University)

PORUR, CHENNAI - 600116.

PROSPECTUS FOR ADMISSION TO Ph.D. PROGRAM

(April, 2019 session)

1. Admission through Entrance Examination and Interview:-

(a) **Full-Time:** Candidates applying for Founder-Chancellor Shri.N.P.V.Ramasamy Udayar Research Fellowship with stipend for Ph.D.

(b) **Part-Time:** Internal & External candidates.

2. Admission through Counselling:-

Full-Time: Candidates with UGC/ CSIR/ ICMR/ DBT/ DST NET-JRF/ AICTE-GATE/ AYUSH/ INSPIRE Fellowship or having qualified other UGC recognized national eligibility test with a valid fellowship at the time of entrance exam or who work in funded projects as JRF/SRF fellows in research projects in the Deemed University are **exempted** from appearing for Entrance Examination and interview and they will be called directly for counseling and admission. They should submit application and meet eligibility criteria as outlined in the Prospectus uploaded in the Deemed University website.



ADMISSION TO Ph.D. PROGRAM (April, 2019 session)

1. FULL-TIME:-

- (a) Candidates applying for Ph.D. program under Deemed University **Founder-Chancellor Shri. N.P.V.Ramasamy Udayar Research Fellowship** with stipend:-

These fellowships are designed to motivate talented and meritorious medical and allied sciences postgraduates to take up Ph.D. Research on a full-time basis at the constituent colleges/faculties of Sri Ramachandra Institute of Higher Education and Research (Deemed to be University).

The Deemed University offers Fellowships, each carrying a stipend of Rs.12,000/- p.m. with a contingency grant of Rs.25,000/ p.a. for a period of 3 years for candidates undertaking research on full time basis for the Ph.D. program of the Deemed University in the several disciplines including Medicine and Surgery—all branches and Basic Medical Sciences/ Dentistry/ Pharmacy/ Nursing/ Human Genetics/ Biomedical Sciences/ Biotechnology/ Bioinformatics/ Physiotherapy/ Management/ Allied Health Sciences/ Audiology and Speech-Language Pathology/ Clinical Nutrition/ Clinical Psychology/ Optometry/ Trauma Care Management/ Public Health.

The fellowships will be governed by the terms and conditions prescribed and are tenable only at Sri Ramachandra Institute of Higher Education and Research (Deemed University).

The fellowships will be advertised in newspapers and also on the Deemed University website along with the Ph.D. admission notification. Candidates shall apply for the fellowship in the prescribed application. The applicants will be required to appear for Entrance Examination (written test and personal interview). A merit list of candidates qualifying will be prepared. Depending on the number of candidates, a shortlist of candidates will be called for counselling. Selection shall be based solely on merit and on All-India basis. The marks/grades scored at the postgraduate examination will also be taken into account for the selection process.

A Selection Committee with experts as may be co-opted, will be constituted for the selection of students for the award of the fellowships.

- (b) Candidates already holding Research Fellowships: Candidates with UGC/ CSIR/ ICMR/ DBT/ DST NET-JRF/ AICTE-GATE/ AYUSH/ INSPIRE Fellowship or having qualified other UGC recognized national eligibility test with a valid fellowship at the time of entrance exam or who work in funded research projects as JRF/SRF in the Deemed University are **exempted** from appearing for Entrance Examination and interview and they will be called directly for counseling and admission. However, they should submit application and prescribed fee on or before date as indicated in the notification.

In all cases, the decision of the Vice-Chancellor shall be final.

2. PART-TIME (Internal & External):-

Candidates should go through the Regulations carefully, to ensure that they meet eligibility criteria for Ph.D. Degree program as an Internal or External Part-time candidate. All candidates have to appear for Entrance Examination (written test and interview). Those who score 50% of marks or more in the Ph.D. Entrance Examination (written test and interview) will be called for counselling. The procedure prescribed for provisional registration in the Ph.D. Regulations shall be applicable to these candidates after counselling and admission.

ENTRANCE EXAMINATION

Candidates wishing to apply for admission to Ph.D. program under Full Time (seeking Founder-Chancellor Shri N.P.V. Ramasamy Udayar Fellowships) and Part Time (internal and external) categories will have to qualify through entrance examination.

Performance of the candidate will be calculated on written test (70% weightage) and interview (30% weightage). Interview will be conducted for each candidate after the entrance exam, the exact date and time will be intimated later.

The qualifying marks for provisional admission to Ph.D. program is 50% in the entrance examination i.e. aggregate of marks obtained in written test and interview taken together). However, a relaxation of 5% of marks (from 50% to 45%) shall be allowed for the candidates belonging to SC/ST/OBC (Non-Creamy layers)/ Differently-abled category in the entrance examination.

SYLLABUS AND PATTERN OF ENTRANCE EXAMINATION:

- (a) Syllabus for Entrance Examination is available in the website www.sriramachandra.edu.in
- (b) The duration of the examination will be 2 (two) hours.
- (c) The Entrance Examination will be conducted in ENGLISH only. The question booklet will consist of 120 multiple choice questions (single best response).
- (d) The written test will have two sections, Section A & B.
 - Section-A Research Methodology: Common to all disciplines will have 60 questions (answer all questions)
 - Section-B Discipline Specific: Candidates will attempt questions from one of the following:-
Medicine/ Dentistry/ Pharmacy/ Nursing/ Physiotherapy/ Biomedical Sciences/ Management/ Allied Health Sciences/ Public Health.

The candidates will indicate the selected faculty/discipline in the application form. The Section-B will have 75 questions and the candidate may attempt any 60 questions. The first 60 questions attempted will be considered for evaluation.

- (e) All questions carry equal marks. There will be no negative mark for wrong answer. Correct answer number must be **shaded with black Ballpoint pen in the OMR Answer Sheet** supplied along with the question booklet.

(f) Results will be published in the Deemed University website: www.sriramachandra.edu.in

Research at Sri Ramachandra Institute of Higher Education & Research (DU)

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.

ACCREDITATION:

- Sri Ramachandra Deemed 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 Deemed University is graded as a Category-I University by the UGC and ranked 40th among Universities in the NIRF Ranking – 2018.
- In the National Institutional Ranking Frame work (NIRF–2018) Sri Ramachandra Medical College and Research Institute has been placed at 10th rank among the Medical Colleges in the country.
- In the National Institutional Ranking Frame work (NIRF–2018) College of Pharmacy has been placed at 21st rank among the Pharmacy Colleges in the country.
- The Clinical Laboratory is NABL accredited.
- The CEFTE (Centre for Toxicology and Developmental Research) 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. The WHO has designated Sri Ramachandra Medical College and Research Institute as a WHO Collaborating Centre for Research and Training in Occupational Health.
- The Faculty of Public Health has the distinction of being recognized by the ICMR as a “SRUICMR Centre for Advanced Research on Air Quality, Climate and Health”
- UNESCO Chair in Bioethics has been established at the Deemed University.
- 5th Rank in Swachh campus by MHRD for Universities (Residential) in India.

CONSTITUENT COLLEGES AND FACULTIES:

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

1. Faculty of Medicine / Sri Ramachandra Medical College and Research Institute
2. Faculty of Dentistry/ Sri Ramachandra Dental College and Hospital
3. Faculty of Pharmacy/ Sri Ramachandra College of Pharmacy
4. Faculty of Nursing/ Sri Ramachandra College of Nursing
5. Faculty of Physiotherapy/ Sri Ramachandra College of Physiotherapy
6. Faculty of Allied Health Sciences/ Sri Ramachandra College of Allied Health Sciences
7. Faculty of Management/ Sri Ramachandra College of Management
8. Faculty of Biomedical Sciences, Technology and Research/ Sri Ramachandra College of Biomedical Sciences, Technology and Research
9. Faculty of Public Health/ Sri Ramachandra College of Public Health
10. Faculty of Sports & Exercise Sciences / Sri Ramachandra College of Sports & Exercise Sciences
11. Faculty of Clinical Research/ Sri Ramachandra College of Clinical Research

The Deemed University offers Ph.D. program in all the above colleges/faculties, besides 22 Degree programs at undergraduate level in medical, dental, and allied health sciences disciplines and 44 programs in Medical, 8 programs in Dentistry and 32 Allied Health Science Degree programs at postgraduate level. In all, more than 6,500 students are enrolled in different programs.

Ph.D. PROGRAM AT DEEMED UNIVERSITY (Full time and Part time)

The Deemed University offers enrollment for Ph.D. in the several disciplines including Medicine & allied subjects, Surgery & allied subjects and Basic Medical Sciences/ Dentistry/ Pharmacy/ Nursing/ Human Genetics/ Biomedical Sciences/ Biotechnology/ Bioinformatics/ Physiotherapy/ Management/ Allied Health Sciences/ Audiology and Speech-Language Pathology/ Clinical Nutrition/ Clinical Psychology/ Public Health.

The Deemed University has awarded 211 Ph.D. Degrees in all faculties to date. There are currently over 300 Ph.D. Scholars on roll.

The Integrated MD/MS-Ph.D. Fellowships sponsored by ICMR is a flagship program of the Deemed University for medical post-graduates. The Deemed University offers Founder-Chancellor Shri N.P.V.Ramasamy Udayar Research Fellowship with stipend for full time scholars enrolled in Ph.D. program.

RESEARCH IN THE DEEMED UNIVERSITY

All research and development activities of the Deemed University are coordinated by the Dean (Research). In the last 5 years, 83 sponsored research projects with grants to the tune of INR 375.9 million have been carried out in the Deemed University. The Deemed University has over 3562 publications in indexed journals over the past 5 years.

The major and minor research projects operational in the University are broadly classified as

- (a) International collaborative projects,
- (b) Sponsored research projects funded by national agencies like Department of Science and Technology, Department of Bio-Technology, Indian Council of Medical Research, AYUSH, Defense Research Development Organization etc., and International funding agencies like NIH, Fogarty, Wellcome Foundation, MRC London, Smile Train, USA, Transforming Faces Canada etc.,
- (c) Industry - institutional R&D consultancy projects jointly funded by DST, industries and international agencies,
- (d) Multinational and multi centric clinical trials, and
- (e) Individual research projects by faculty.

Besides the above extramurally funded research projects, the university awards from its own budgetary allocation some projects and

- (i) UG – Summer Research projects
- (ii) Ph.D. projects
- (iii) Founder-Chancellor Ph.D. Research Fellowships and
- (iv) GATE Research Starter Grants to Young Faculty.

All Post graduate students have a mandatory requirement to complete the Postgraduate dissertation and in addition several undergraduate include a research project in their curriculum .

As an innovative research strengthening initiative, the Deemed University has established 11 Centres of Research on thrust areas of strength demonstrated by the faculty.

1. Centre for Life Style diseases modification and prevention.
2. Centre for Indian Systems of Medicine Quality Assurance and Standardization.
3. Centre for Regenerative Medicine and Stem Cell Research.
4. Centre for Biomedical Nanotechnology.
5. Centre for Pre-Clinical and Translational Medicine & Research.
6. Centre of Sports Sciences.
7. Health Professional Education & Faculty Development.
8. Centre for Global Collaboration.
9. Centre for Healthcare Quality & Patient Safety.
10. Centre for Perinatal Sciences.
11. Centre for International Patient services.

Central Research Faculty

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.

- a. The CRF is housed in a 25,000 sq.ft. exclusive facility with a sophisticated instrumentation laboratory containing the latest equipments. There is also the FDA audited and DCGI Registered Clinical Trial Division. This includes Sophisticated Instrumentation Laboratory.
- b. Epidemiology – Research Division.
- c. Clinical Trial Division.
- d. Exclusive Research Governance Division.
- e. Centre for Toxicology & Developmental Research.
- f. Herbal Garden.
- g. Specialized Clinical & Biomedical centre

The **Centre for Toxicology and Developmental Research (CEFTE)** is also functioning in a 15,000 sq.ft. area with state-of-the-art facilities and it has been approved by Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA) as a GLP compliant animal facility. CEFT undertakes a number of preclinical toxicology studies for Researchers and Industries.

LABORATORIES ATTACHED TO SPECIFIC FACULTIES:

The Deemed University has research laboratory facilities in the faculty of Pharmacy, Nursing, Physiotherapy, Allied Health Sciences, Biomedical Sciences to carry out research.

SRI RAMACHANDRA HOSPITAL:

Sri Ramachandra Hospital is a major Tertiary care and referral centre located within the Deemed 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.

LIBRARY:

A centrally air-conditioned large Library, known as Sri Ramachandra Learning Centre 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 33 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 3500 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. 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.
