



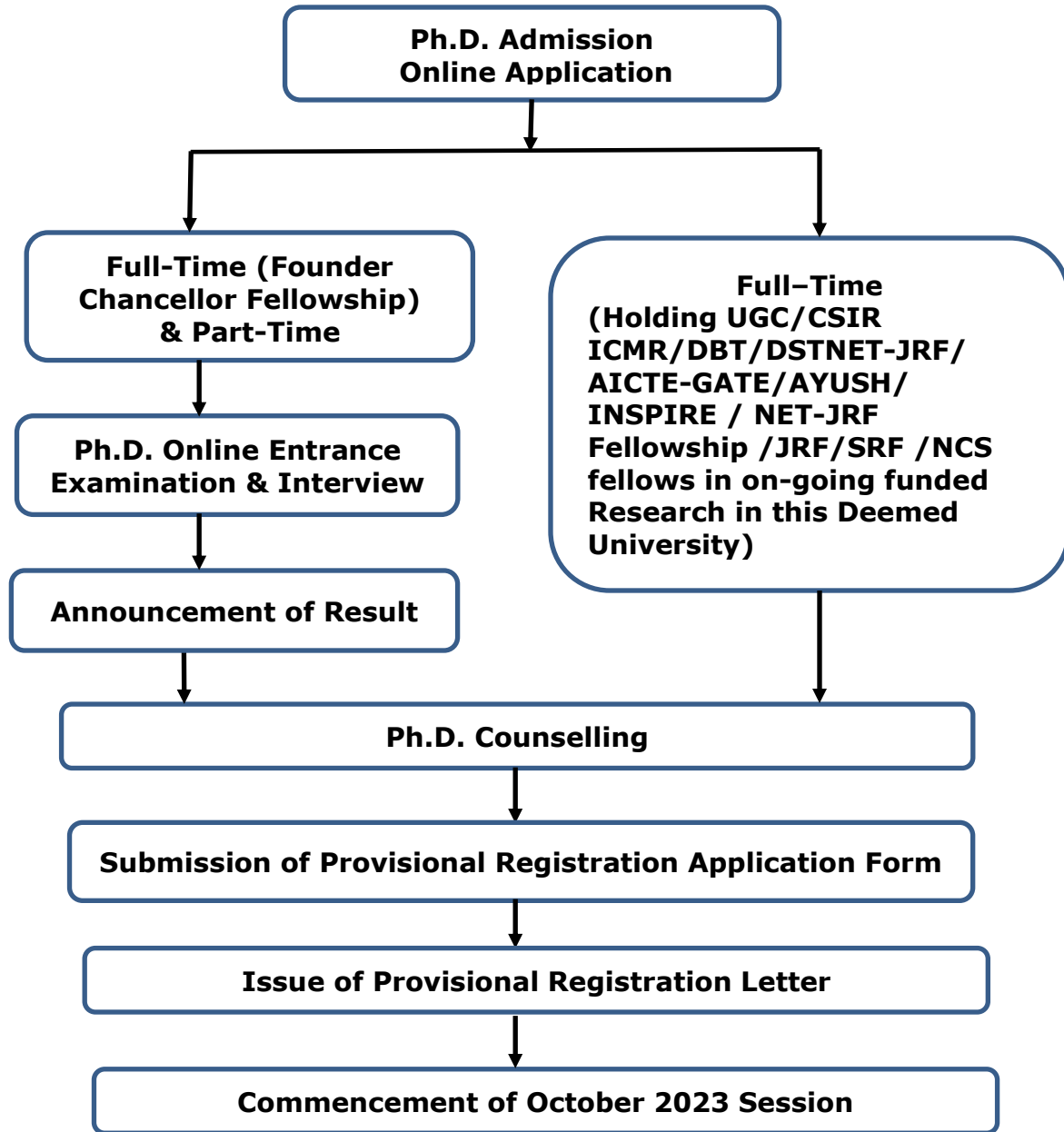
**SRI RAMACHANDRA**

**INSTITUTE OF HIGHER EDUCATION AND RESEARCH**

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

**ADMISSION PROCESS, TIMELINE AND PROSPECTUS FOR  
Ph.D. PROGRAM OCTOBER, 2023 SESSION**

## ADMISSION PROCESS AND TIMELINE FOR Ph.D. PROGRAM OCTOBER, 2023 SESSION



TIMELINE	
Issue of Advertisement	03.07.2023 (Monday)
Last date for Submission of Online Application	31.07.2023 (Monday)
Entrance Examination	24.08.2023 (Thursday)
Interview	25.08.2023 (Friday)
Announcement of Ph.D. Result	*07.09.2023 (Thursday)
Ph.D. Counselling	*18.09.2023 (Monday) & *19.09.2023 (Tuesday)
Submission of Provisional Application Form	*30.09.2023 (Saturday)
Issue of Provisional Registration	*13.10.2023 (Friday)
Commencement	*25.10.2023 (Wednesday)

\* Date yet to be confirmed

**PROSPECTUS FOR ADMISSION TO Ph.D. PROGRAM OCTOBER, 2023 SESSION)**

**Applications are invited from eligible candidates for admission to Ph.D. program offered by this Deemed University:-**

**1. Categories of Ph.D. Program**

**Full-Time Category**

- 1) Founder-Chancellor Shri. N.P.V.Ramasamy Udayar Research Fellows;
- 2) National Fellowship Holders/Project Fellows;
- 3) Self-Funded (Non-Stipendiary);
- 4) Integrated (PG-Ph.D. and others);and
- 5) Split Ph.D. Program.

**Part-Time Category**

- 6) Part Time (Internal);
- 7) Part Time (External);
- 8) Part Time (Internal Independent).

**1.1. Full Time** (Stipendiary/Fellowship holders)

**1.1.1 Founder-Chancellor Shri. N.P.V.Ramasamy Udayar Research Fellows**

Candidates who qualify in Sri Ramachandra Ph.D. Entrance Examination (written test and interview) shall complete the Ph.D. Program Full-Time on campus with stipend for 3 years.

**1.1.2 National Fellowship Holders/Project Fellows**

Candidates who have qualified through (i) UGC/CSIR/ICMR/DBT/DST-NET-JRF/AICTE/GATE/AYUSH/INSPIRE/NFST Fellowship/ICMR Nurturing Clinical Scientists (NCS) Scheme or having qualified through other UGC recognized national eligibility test with a valid fellowship at the time of entrance exam or (ii) working in funded research projects as JRF/SRF in the Deemed University. Such candidates are exempted from appearing for Entrance Examination and shall be called directly for counseling.

**1.1.3 Self-Funded** ((Self-Funded – Non-Stipendiary)

Candidates who qualify in Sri Ramachandra Ph.D. Entrance Examination (written test and interview) shall complete the Ph.D. Program Full-Time on campus. Registration will be cancelled if the candidate leaves or joins another institution/ employment before the completion of the minimum period. The candidate may join an ongoing project related to their Ph.D. research area as a research assistant/JRF/ SRF in this institution with prior approval of the RAC and Dean (Research). This category is subject to willingness of the Supervisor and necessary approval of the Dean (Research) and Vice-Chancellor.

#### **1.1.4 Integrated (PG-Ph.D. and Others);**

##### **(i) Integrated MD/MS - Ph.D.**

- a) In this sandwich Ph.D. program scholars during the time of admission to MD/MS courses shall exercise their option to undergo the Integrated Ph.D. program and file the necessary application for registration within TWO months of their admission to the postgraduate programs through Dean Research.
- b) There shall be a selection process through interview by the Ph.D. Admission Committee along with invited national level experts, which may include those from funding agencies such as ICMR.
- c) Integrated Ph.D. Full-Time program is evolved with minimum period of FIVE YEARS duration and maximum period of SIX YEARS.
- d) The curriculum for the first three years would be the same as that of M.D./M.S. curriculum currently approved/modified from time to time by National Medical Commission (NMC). The scholar will take the Part-I Research Methodology Examination at the end of the second year of the postgraduate program. They will indicate the broad field of research during the second year of the postgraduate program and the Dissertation for the MD/MS postgraduate examination may form a part of their Ph.D. thesis to be submitted later.
- e) Except for the above all the provisions of the Ph.D. regulations will be applicable for scholars enrolled in the integrated Ph.D. program.

##### **(ii) Integrated PG-Ph.D. (All postgraduate degree other than M.D./M.S.)**

The integrated (PG-Ph.D.)Program may also be made applicable to other scholars undergoing the Master's Programs in other faculties subject to framing regulations for the same.

##### **(iii) Integrated Ph.D. Engineering & Technology:**

Candidates who hold a B.Tech./B.E. degrees with an average of 75% marks or above from this or other recognized universities may be considered for an integrated Ph.D. in Engineering and Technology. The minimum required time for a full time student to complete the Ph.D. degree shall be four years. Integrated Ph.D. candidates shall take six extra courses at the postgraduate level compared to the regular Ph.D. candidates to develop breadth and depth of knowledge in the field of study.

##### **1.1.1. (i) Split Ph.D. Program**

The Split Ph.D. program for full time candidates is designed to provide a chance to the scholar to conduct a portion of their Ph.D. Work in a recognized Foreign University / Institution or a recognized Indian University with which Sri Ramachandra Institute of Higher Education and Research (Deemed University) has signed a Research MoU for the Split Ph.D. Program.

## **1.2. Part Time Research Candidates**

### **1.2.1 Part-Time (Internal)**

- a) A candidate who fulfills the regulations as per the qualifications specified in the Regulations (Clause-2) and working in this Deemed University as teaching faculty/researcher in a Department/Constituent College/Research Centre of this Deemed University to register himself/herself as a part time scholar (internal) for Ph.D. Degree. They should possess at least one year of continuous academic experience on the date of provisional registration.
- b) Those who are working in this Deemed University employed in Clinical Training/Clinical Pharmacist/Administration/Technical/Non-Teaching full time Staff with 1-year of continuous experience may apply as Part-Time internal candidate on approval of their concerned Dean/Principal/ HoD, etc.
- c) Attendance requirement: Part time internal candidate shall be required to work under the Research Supervisor directly for 30 days in a year for instruction/discussion etc. during the prescribed period of research work.

### **1.2.2 Part Time (External)**

- a) Candidates may be permitted to register for the Ph.D. program on a part-time basis as external candidates if they satisfy the following:-
  - (i) Any one of the qualifications prescribed under Clause-2 of the Regulations.
  - (ii) Full time regular employee with one year of continuous experience on the date of provisional registration, as a teacher/scientist/ researcher/ professional in National/State level institutions/ Laboratories/Research and Development Centres/Industries/ Universities and they shall submit 'NOC' from the institution/organization where they are employed and also for carrying out their Ph.D. work.
  - (iii) Self-employed individuals and consultants will be considered for admission to Ph.D. Program as Part-Time External Ph.D. Candidates on the recommendation of the proposed Supervisor and prior approval of the Dean (Research) and Vice-Chancellor.
- b) Attendance requirement: External candidates are expected to do research in their place of employment and in addition, should undergo such course work, examinations and research work as may be prescribed for 30 days in a year during the research period directly under the Research Supervisor at this University. The Research Supervisor at this Deemed University and Research Co-Supervisor of the candidate shall submit the certificate of attendance (with dates) along with six monthly progress reports within the stipulated time frame.

### 1.2.3 Part Time (Internal Independent Research)

- a) A Head of the Department/Professor/Additional Professor/Associate Professor who is working in any department of this University with not less than fifteen years of teaching experience of which at least five years shall be at the postgraduate level and having a minimum of three research publications in peer reviewed indexed(Scopus/Web of Science/PubMed)/UGC Care Journals as first or corresponding author, is eligible to register for the Ph.D. Degree without a supervisor as "Part time Independent Research Candidate".
- b) The Ph.D. Admission Committee will assess the applications received from the Part-Time Independent Research candidates and recommend the selected candidates for provisional registration. The selected candidates are exempted from appearing for Entrance Examination.

## 2. Eligibility Criteria

Candidates applying for admission to Ph.D. program should have qualified with at least 55% marks in aggregate or its equivalent grade in the UGC 7-point scale (or an equivalent grade) in PG program.

Sl. No.	Name of the Faculty	Eligibility Criteria
2.1	Faculty of Medicine	<p>a) A candidate who has passed D.M./M.Ch./M.D./M.S./PG Diploma in the Faculty of Medicine/Diplomate in National Board (DNB) qualification/M.Sc. (Medical) Degree in the concerned subject with at least 55% marks in aggregate in PG Programs.</p> <p>b) A candidate holding MBBS degree within two years of completing their Degree from NMC recognized medical colleges, passing all MBBS examinations in the first attempt with 60% or more aggregate marks from an institute which is recognized by the National Medical Commission and holding ICMR Nurturing Clinical Scientists (NCS) Scheme Fellowship.</p> <p>c) A candidate holding a master's degree in sciences and technology which is recognized by UGC with at least 55% marks in aggregate or its equivalent grade in the UGC 7-point scale or any equivalent grade in PG Program and registering under a supervisor in the Faculty of Medicine.</p>
2.2	Faculty of Dental Sciences	<p>a) A candidate who has passed Master's Degree in Dental Surgery (MDS) examination in different branches/specialities with at least 55% marks in aggregate in PG Program.</p> <p>b) BDS candidates within two years of completing their Degree, passing all BDS examinations in the first attempt with 60% or more aggregate marks from an Institute which is recognized by the Dental Council of India and holding ICMR Nurturing Clinical Scientists (NCS) Scheme Fellowship.</p>

2.3	Faculty of Pharmacy	A candidate who has passed a Master's Degree in Pharmacy (M.Pharm.) Examination in various branches/specialities/Pharm.D with at least 55% marks in aggregate or its equivalent grade in the UGC 7-point scale or any equivalent grade in PG Program.
2.4	Faculty of Nursing	a) A candidate who has passed M.Phil.(Nursing) or Master's Degree in Nursing (M.Sc. Nursing) Degree Examination in different branches/specialities from a University which is recognized by UGC and Indian Nursing Council with at least 55% marks in aggregate or its equivalent grade in the UGC 7-point scale or any equivalent grade in PG Program. b) The candidate must have a minimum of one year teaching or Clinical experience after M.Sc. (Nursing) for enrolment in Ph.D. in Nursing.
2.5	Faculty of Physiotherapy	A candidate who has passed Master's Degree in Physiotherapy (M.P.T.) Examination in different branches/specialities (orthopaedics, neurology, cardiopulmonary sciences and women's health) with at least 55% marks in aggregate or its equivalent grade in the UGC 7-point scale or any equivalent grade in PG Program.
2.6	Faculty of Allied Health Sciences	A candidate who has passed M.Phil. in Clinical Psychology /Trauma Care Management/Respiratory Therapy/Clinical Immunology/Medical Radiology and Imaging Technology/Urology Technology/Applied Child Development/Perfusion Technology/Renal Sciences and Dialysis Technology / Medical Imaging Technology / Medical Laboratory Technology / Neuroscience / Clinical Psychology / Medical Psychology / Clinical Nutrition / M.Optom. / Mind Body and Lifestyle Science/ Applied Psychology/other Health Sciences which are not covered under Medical, Dental, Nursing and Physiotherapy with at least 55% marks in aggregate or its equivalent grade in the UGC 7-point scale or any equivalent grade in PG Program.
2.7	Faculty of Biomedical Sciences and Technology	A candidate who has passed Master's Degree in Biomedical Sciences/ Biotechnology / Human Genetics/ Bioinformatics / Applied and Regulatory Toxicology / Life Sciences / Zoology / Animal Sciences/ Biological Sciences / Botany /Biochemistry /Microbiology /Plant Sciences / Veterinary Sciences /Forensic Sciences/ Regenerative Medicine / Environmental Sciences /Molecular Biology /Biophysics with at least 55% marks in aggregate or its equivalent grade in the UGC 7-point scale or any equivalent grade in PG Program.
2.8	Faculty of Public Health	A candidate who has passed Master's Degree in Public Health/Environmental Health Sciences/Allied Health Sciences/Environmental Sciences/Environmental Health and Safety/Industrial Hygiene and Safety/Chemistry/Epidemiology/ Biostatistics/SocialWork/Nursing/Pharmacy/Physiotherapy/Psychology/ Health Systems Management/Artificial Intelligence/Data Science/Medical Informatics/ Life Sciences, Master's Degree in

		Chemical/ Mechanical/ Environmental/ Computer/ Civil/Electric and Electronic Engineering and/or Technology, Master's in Medical and Dental Sciences with at least 55% marks in aggregate or its equivalent grade in the UGC 7-point scale or any equivalent grade in PG Program.
2.9	Faculty of Management	a) A candidate who has passed Master's Degree in Business Administration/ Management/PG Diploma in Management recognized as equivalent to MBA by AICTE; or b) Has Professional Qualification such as CA/ICWA/CFA/CS (either 5 year integrated or 3 years after graduation). with at least 55% marks in aggregate or its equivalent grade in the UGC 7-point scale or any equivalent grade in PG Program.
2.10	Faculty of Sports and Exercise Sciences	A candidate who has passed Master's Degree in any field of Sports & Exercise Sciences, Physiology, Nutrition, Psychology, Biomechanics, Strength & Conditioning or equivalent/MD Sports Medicine/MPT-Sports/MPT-Ortho) with at least 55% marks in aggregate or its equivalent grade in the UGC 7-point scale or any equivalent grade in PG Program.
2.11	Faculty of Clinical Research	Candidates with Master's Degree in Clinical research or meeting eligibility criteria as prescribed in Faculty of Medicine, Dental Sciences, Physiotherapy, Allied Health Sciences, Nursing with at least 55% marks in aggregate or its equivalent grade in the UGC 7-point scale or any equivalent grade in PG Program.
2.12	Faculty of Engineering & Technology	a) Ph.D. Computer Science and Engineering: A candidate who has passed M.Tech. /M.E./ M.S in disciplines of Engineering, Technology, Information Technology, Computer Science and Engineering, , with at least 55% marks in aggregate or its equivalent grade in the UGC 7-point scale or any equivalent grade in PG Program. b) Ph.D. Computer Science : A candidate who has passed M.Sc./MCA in disciplines of Computer Science, Bioinformatics, Computer Applications, with at least 55% marks in aggregate or its equivalent grade in the UGC 7-point scale or any equivalent grade in PG Program.
2.13	Faculty of Audiology and Speech Language Pathology	A candidate who has passed M.Sc. (Speech & Hearing) /M.ASLP /M.Sc.(SLP) /M.Sc. Audiology or any other equivalent PG degree in Speech Language & Hearing Sciences from a RCI recognized training program/Speech & Hearing PG degree obtained elsewhere recognized by this University with at least 55% marks in aggregate or its equivalent grade in the UGC 7-point scale or any equivalent grade in PG Program.
2.14	Faculty of Occupational Therapy	a) A candidate who has passed Master's Degree in Occupational Therapy (M.O.T.) Examination in different branches/ specialties (Paediatrics, neurology, Mental Health, Hand & Musculoskeletal Rehabilitation) with at least 55% marks in aggregate or its



		<p>equivalent grade in the UGC 7-point scale or an equivalent grade in PG Program.</p> <p>b) The candidate must have a minimum of one year of teaching or Clinical experience after a Master's in Occupational Therapy for enrollment in Ph.D. in Occupational Therapy.</p>
--	--	---

- 2.15. A candidate who has passed an Bachelor degree program with 4 years/ 8 semesters of study with a minimum of 75% marks in aggregate or its equivalent grade on the point scale of grading system, leading to one of the Post graduate program of this Deemed to be university. Such candidates will be admitted to PhD program in Full-time mode only.
- 2.16. Candidates who have received their 1-year/ 2 semester Master Degree after 4 year/ 8 semester bachelor's degree program or 2-years/4 semester Master's degree program after a 3-year bachelor's degree program or a qualification declared equivalent to the master's degree program by the corresponding statutory regulatory body with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed.
- 2.17 Further relaxation of 5% marks i.e. from 55% to 50% or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/persons with disabilities (more than 40% disability).
- 2.18 Candidates holding recognized/approved Postgraduate Degrees offered under UGC (ODL Regulations, 2020) registered with Distance Education Bureau are eligible to apply for Ph.D. Program offered at SRIHER (DU) in accordance with the eligibility criteria listed in clause - 2. Proof of recognition/approval shall be provided by the candidate.
- 2.19. Candidates who have received their Master Degree from Foreign Universities/ Educational Institutions accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions. Such candidates will have to produce a certificate of recognition/ equivalency by the Association of Indian Universities (AIU) as equivalent to the corresponding Indian degree for the purpose of higher education.

### 3. Duration of the Ph.D. Program

Sl. No.	Category	Duration
1.	Full – Time Candidates	<b>3 years</b>
2.	Full – Time Candidates with a) MD/ MS/ DNB/ MDS/ DM/ M.Ch. qualifications	<b>2 years</b>

	b) M.Tech./M.E in Technology, Engineering, Computer Science, Information Technology, Engineering Management or Technology Management	
3.	Part Time Candidates	<b>4 years</b>
4.	Part-Time Candidates with a) MD/ MS/ DNB/ MDS /DM/ M.Ch. Qualifications b) M.E./M.Tech. in various disciplines of Engineering & Technology	<b>3 years</b>

#### 4. Fees Structure

Sl. No.	Particulars	Fees in Rs.
1.	Online Application Fee	<b>2000/-</b>
2.	Provisional Admission Application Fee	<b>5000/-</b>
3.	Provisional Registration Fee	<b>25000/-</b>
4.	Annual Fee for a) Full Time Candidates b) Part-Time Candidates	<b>25000/-</b> <b>50000/-</b>

#### 5. Procedure for Admission under all the Faculties of the Deemed to be University EXCEPT for Sri Ramachandra Faculty of Engineering and Technology

##### 5.1 Admission through online Entrance Examination (Written Test and Interview):-

- a) For all categories of Ph.D. program candidate has to qualify through online entrance examination conducted by the Deemed University except those candidates applying for full time Ph.D. with extramural funding.
- b) Candidates should submit the online application along with the prescribed fee of Rs.2000/-.
- c) Performance of the candidate will be assessed based on the marks obtained in a written test (70% weightage) and interview (30% weightage). Interview will be conducted online for each candidate after the entrance exam. The exact date and time as indicated under the heading Timeline.
- d) The qualifying mark for provisional admission to Ph.D. program is 50% in the

online 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.

- e) Selected candidates will be called for counseling in-person.

## **5.2 Admission for Counseling:-**

Candidates with UGC / CSIR / ICMR / DBT / DST / NET-JRF / AICTE-GATE / AYUSH / INSPIRE Fellowship or JRF / SRF fellows in funded research projects of this Deemed University will be called directly for counseling and admission. They should submit an application and meet eligibility criteria prescribed in SI.No.2 above.

- a) Syllabus for Online Entrance Examination is available in <https://www.sriramachandra.edu.in/university/pdf/phd-entrance-exam-syllabus-october-2023.pdf>
- 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 (MCQ's) (single best response).
- d) The written test will have two sections, Section A & B.
  - a. Section-A Research Methodology: Common to all disciplines will have 60 questions (answer all questions)
  - b. Section-B Discipline Specific: Candidates will attempt questions from one of the following disciplines:- Medicine/Dentistry/Pharmacy/Nursing/ Physiotherapy/ Biomedical Sciences/Management/Allied Health Sciences/ Public Health/Sports & Exercise Sciences /Clinical Research /Audiology and Speech Language Pathology / Occupational therapy. The candidates will indicate the selected faculty/discipline in the application form.
  - c. The Section-B will have 75 questions and the candidate can 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 incorrect answers.
- f) Results will be published in Sri Ramachandra Deemed University Website [www.sriramachandra.edu.in](http://www.sriramachandra.edu.in)

## **6. Procedure for Admission under Sri Ramachandra Faculty of Engineering and Technology :-**

The admission process will involve the following steps for both Full-Time and Part-Time Candidates:-

- a) Interested candidates will submit a CV along with a brief outline of the topic of interest to the Dean, Sri Ramachandra Faculty of Engineering and Technology.
- b) If a potential supervisor and the needed facilities are available to carry out the research, the Dean, Sri Ramachandra Faculty of Engineering and Technology, will

ask the candidate to submit the application for Ph.D. Entrance Examinations. If the faculty or the facilities are not available, the candidate will be advised to seek other avenues for research.

- c) A candidate has to appear in the entrance examination conducted at Sri Ramachandra Faculty of Engineering & Technology. The examination will be online proctored for 75 marks, 2 hours. There will be no negative markings for wrong answers. Those candidates qualified with 60% of marks in the entrance examination will appear for an interview by a panel of members constituted by the Dean, Sri Ramachandra Faculty of Engineering and Technology.
- d) Syllabus for Online Entrance Examination is available in <https://www.sriramachandra.edu.in/university/pdf/phd-entrance-exam-syllabus-october-2023.pdf>
- e) The candidate who has been qualified in the interview will be permitted to register as an internal Full-Time, internal Part-Time, or external Part-Time Ph.D. student.

## **7. Counseling & Provisional Registration:**

Those candidates who fulfill all criteria for provisional registration as per regulations (including those candidates who hold approved scholarships/fellowships) will be called for counseling. Counseling will be held at the Deemed University campus and those eligible will be notified to attend the counseling on the specified date and time. During counseling, Founder-Chancellor Fellowships will be offered to eligible full time candidates. Guidance to identify Research Supervisors will also be provided to the candidates. After counseling, all eligible candidates will be issued application for Provisional Registration for Ph.D. Program.

## **8. Brief Note on 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. From 2018 onwards, the Deemed to be University is renamed as Sri Ramachandra Institute of Higher Education & Research (Deemed to be University).

## **Accreditations**

- Graded as a Category - I University by the University Grants Commission (UGC).
- SRIHER (DU) has been accredited (cycle-3) by National Assessment and Accreditation Council (NAAC) with CGPA of 3.53 on four point scale at 'A' Grade.
- In the National Institutional Ranking Framework (NIRF-2023), SRIHER has been placed at 57<sup>th</sup> rank among 2478 Universities in the country.
- In the National Institutional Ranking Framework (NIRF-2023), SRMC & RI has been placed at 21<sup>st</sup> rank among 176 Medical Colleges in the country.
- In the National Institutional Ranking Framework (NIRF-2023), Sri Ramachandra Faculty of Pharmacy has been placed at 36<sup>th</sup> rank among 435 Pharmacy Colleges in the country.
- In the National Institutional Ranking Framework (NIRF-2023), Sri Ramachandra Faculty of Dental Sciences has been placed at 7<sup>th</sup> rank among 155 Dental Colleges in the country.
- The Clinical Laboratory is accredited seven times by National Accreditation Board for Laboratories(NABL).
- The ISO certified Central Research Facility with Clinical Trial Division and Sri Ramachandra Innovation Incubation Centre. BIRAC
- The Centre for Toxicology & Developmental Research (CEFTE) is issued a Good Laboratory Practices (GLP) compliance certificate by NGCMA, DST, Govt. of India. Sri Ramachandra is the first Medical University in the country to get the GLP certification from the Department of Science and Technology (DST), Govt. of India.
- 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<sup>ll</sup> and also as a WHO collaborating Centre for Occupational & Environmental Health.
- UNESCO Chair in Bioethics has been established at the Deemed University.
- SRIHER (DU) has received support from the Biotechnology Industry Research Assistance Council (BIRAC) of DBT, Govt. of India to establish a Bio-Nest incubator to develop entrepreneurs engaged in scaling health care technologies.

### **UG and PG Programs Offered by the Deemed University**

Currently, the university offers 164 undergraduate and postgraduate programs in medical, dental, para-medical and allied health sciences disciplines. The enrollment stands in excess of 7639 students.

### **Details of Ph.D. Scholars enrollment in Various Faculties of the Deemed University**

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 / Occupational therapy / Clinical Nutrition / Clinical Psychology / Public Health / Sports & Exercise Sciences / Clinical Research / Engineering & Technology.

The Deemed University has awarded 311 Ph.D. Degrees in all faculties to date. There are currently over 547 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 postgraduates. 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.

### **Thrust areas of research and Eco- system of the Deemed University**

Research at SRIHER is driven by the institutional and national vision to contribute to the prevention and alleviation of disease and disability, leading to the betterment of the health of our population. A network of sophisticated research laboratories provides world class facilities to faculty and students for engagement in medicine, clinical, biomedical, public health, pharmaceutical, health sciences, engineering technology and healthcare management related research. There is special emphasis on multi-disciplinary and collaborative research where in faculty members drawn from different departments and divisions routinely take up high impact research to inform national and international health priorities.

Thrust areas of research are diverse and include non-communicable disease epidemiology, medical genetics and genomics, maternal health, child growth and development, cancer biology, molecular oncology, exercise physiology, occupational and environmental health, clinical virology, radiation biology, speech language and neurodevelopment, nursing care, drug development and discovery, bio-materials and nano-technology, stem cell and regenerative biology, preclinical toxicology, public policy and health care financing, artificial intelligence in healthcare technology, to name a few.

With a network of more than 60 institutional collaborators, that include numerous international (USA, European, Australia) and Indian universities, Governmental and non-governmental research institutions, the faculty at SRIHER have been involved in abundant national and global research and training efforts. Funders include major national agencies such as Department of Science and Technology, Department of Biotechnology, Indian Council of Medical Research, AYUSH, Defense Research Development Organization and Ministry of Environment, Board of Radiation and Nuclear Sciences, International funding agencies like National Institutes of Health (USA), The Wellcome Trust and The Bill and Melinda Gates Foundation. SRIHER also has an excellent set of intra-mural funding support schemes to help undergraduate, postgraduate and PhD students as well as junior faculty seed their research explorations and build capacities for attracting extramural funds. Publications and citations from the SRIHER research community have been significant with over 8500 indexed articles and a cumulative H-Index of 83 to their credit.

The Office of Dean (Research) provides centralized administrative support for all aspects of research management including research planning, grant administration (including human resource, financial and equipment management) and registrations/ approvals from relevant national and international certifying bodies and infrastructure. The GLP accredited pre-clinical toxicology facility and FDA audited Clinical trial division cater the needs of Pre-Clinical and Clinical research requirements. In addition, SRIHER is a recipient of infra-structure grants from DST and DBT that support the maintenance and operation of the shared high-end instrumentation.

Recently SRIHER has received support from the Biotechnology Industry Research Assistance Council (BIRAC) of DBT, Govt. of India to establish a Bio-Nest incubator to develop

entrepreneurs engaged in scaling health care technologies. Focal areas of the SRIHER Bio-Nest incubator will include Clinical Validation of Medical Devices, Point of Care Diagnostic Kits, Nanotechnology and Artificial Intelligence (AI) / Machine Learning (ML) based tools in healthcare. With access to multiple clinical specialties and clinical/basic science research groups within the same campus, the SRIHER Bio-incubator is poised to become a major player in nurturing health care related start-ups.

There are currently 59 functional MoUs between SRIHER and foreign/ Indian institutions/ Universities /Industries for academic & research collaborations, with provision for students and faculty exchanges and for conducting teaching & research programs. Recent MoUs include arrangements with Glasgow University UK and IISER Tirupathi.

In order to nurture research aptitude and skills, the Chancellor has instituted student fellowship and faculty seed grants.

### **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 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 every day. 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 resource centre and Wi-Fi enabled premises largely known as Sri Ramachandra Central Library is spread in an area of 40,000 sq.ft. SRIHER Central library holds a rare book collection of ancient books. These resources are effectively utilized by the research scholars for their research. The central library has over 64000 books. 326 national and international journals are subscribed and are available both in hard copies and electronic versions. Over 285 Ph.D. theses called Infilbnet Shodhganga The library has Urkund Anti Plagiarism software tool which enables researchers to check their documents for plagiarism. The central library is a member of the National Digital Library and in the World eBook library. The resources available in these databases can be accessed by the members of the institute anytime and anywhere. For Ph.D. Part-Time External candidates this provision will be subject to conditions prescribed by the Central Library.

### **Hostels**

There are separate hostel facilities for both men and women students with 3500 single rooms inside the campus to accommodate undergraduate and postgraduate and research

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 residents.

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.

\*\*\*\*\*