

## Institutional Research Committee

Research activities are monitored and advised by the following committees (details available on [www.sriramachandra.edu.in](http://www.sriramachandra.edu.in))

- Board of Research Studies
- Research Advisory committee for the University
- PhD Admission Committee
- Integrated MD/MS - PhD committee with ICMR experts
- Publications Oversight Committee

Committees to implement and monitor the research programs of the University				
Name of the committee	Year of inception	Total members	External member	Frequency of Meeting
<b>Academic Research Quality System</b>				
Board of Research Studies	2000 Revised 2011	15	8	Every year
Research Advisory Committee	1995 Revised 2010	24	12	Twice a year
Publications Oversight Committee	2011	9	Internet based anti plagiarism software	Once a month
CITI- India Ethics Education Program Committee	2010	15	6	Once in Three months
Sri Ramachandra Journal Committee	2006	12	Panel of Referees	Once in a month
Library Committee	1989	13	-	3 to 4 times per year
PhD Admission Committee	Revised in 2012	9	1	Once in three months
Integrated MD/MS-PhD Admission cum Review Committee	2008	11	3	Once in a year

**Board of Research Studies:** This board complies with regulatory adherence to UGC and National Bodies and consists of eminent, medical and science experts. After adopting “UGC (Minimum Standards for Procedure and Award of M Phil / Ph D) Regulations, 2009, University has stipulated higher benchmarks of Revised PhD Regulations implemented since 2011.

**Recommendations/ major decisions made by the above committees which have been implemented during 2008-2013 and their impact are given below:**

1. Quality Improvement of PhDs of SRU

- Two Publications as against one in the UGC Regulations is to be published before submitting PhD Thesis for evaluation.
- Mandatory Foreign Examiner for PhD Theses evaluation.
- Well-structured course-work for all PhD candidates with Research Methodology course and conduct of his/her PhD work.

- d. University Level Research methodology Examination after one year of registration. It consists of three papers (i) Research Ethics, Biostatistics & Research Methodology (ii) an advanced paper in the subject concerned including the involved instrumentation and (iii) background paper relating to design and conduct of his/her PhD work.
  - e. Quality Benchmarks and Monitoring Mechanisms for PhD Program through Research Advisory Committee for each and every candidate with one external expert in the committee.
  - f. Research Ethics Online Certification Course (CITI-India) made mandatory for all PhD candidates and clinical researchers; also being introduced for all PG students.
  - g. Uploading the e-version of all PhD theses in the INFLIBNET-SHODGANGA e-repository after award of their degrees.
2. Quality improvement of publications made by faculty and researchers
    - a. All post graduates and researchers are encouraged to secure ethical clearance from the appropriate Institutional Ethics Committee (IEC) for all their research projects whether they are minor / major funded projects as well as those for PG dissertations / projects.
    - b. Mandatory submission of all manuscripts for approval by Publication Oversight Committee and screening for plagiarism through anti plagiarism software before submitting to journals. Year wise analysis of all publications of the University for Quality benchmarks like Impact factor of journals, citation index of the articles, cited half life etc., of the author and ‘h’ factor of the University using Scopus, Web of Science, Pub Med, Embase and Google-Scholar databases.
    - c. Recognizing researchers with incentives during the University Day Celebrations for publications in high-impact factor journals.
    - d. Financial support to all researchers to attend and present papers in Conferences both national and international for publishing papers in refereed / indexed journals.
  3. Promotion of IPR and Strengthening of University Industry interaction activities
    - a. An IPR - Cell with an IPR – Consultant instituted for IPR awareness and for exploring and filing patents out of the research projects carried out.
    - b. Development and implementation of the University approved “Consultancy Rules” on the pattern of CSIR – Consultancy norms.
    - c. Guidelines for the conduct of Industry – Sponsored clinical trials, contract projects and R & D projects for process / product development / evaluation.
  4. Promotion of infrastructure for focused research in cutting edge areas:
    - a. Establishment of SRU Centres for research with dedicated research personnel for in depth interdisciplinary research in the identified focus area as enumerated .

Impact of implementation of the above recommendations:

- i. PhD candidate demand ratio has increased from 1: 1.5 in 2008 to 1: 3.6 in 2013.

Year	No. Applied	No. Admitted
2008	48	32
2009	56	41
2010	53	30
2011	172	31
2012	148	53
2013	137	36

- ii. PhD theses (44) have already been uploaded in SHODGANGA – digital repository of INFLIBNET (UGC)

- iii. Significant increase in number of UG – Summer Research Fellowship applicants from 27 in 2011 to 76 in 2013.

UG – Summer Research Fellowships since 2011 – 2012		
Year	No. of applicants	No. awarded
2011	27	27
2012	33	33
2013	76	32

- iv. GATE project grants from 7/20 in 2008 to 23/42 in 2013 for young faculty members as (Research Starter grant)

GATE Projects as Starter grant for young faculty members.		
Year	No. of applicants	No. awarded
2008	20	7
2009	22	11
2010	24	11
2011	24	12
2012	28	14
2013	42	23

- v. Quality of research manuscripts as monitored by Publication Oversight Committee (POC) resulted in increase of voluntary submission of manuscripts from 23 in 2011 to 197 in 2013.
- vi. The quantum jump in quality of publications as shown by increase in number from 240 in 2008 to 459 in 2012; indexed journal publication from 60% in 2008 to 76% in 2012; citations of Sri Ramachandra University publications from 320 in 2008 to 4102 by Scopus and 2375 by Web of Science in 2012.
- vii. The ‘h’ index of Sri Ramachandra University publications have also showed significant improvement from 14 & 12 by Scopus and Web of Science in 2008 to 28 by Scopus, 26 by Web of Science and 41 by Google Scholar data bases.

Award & applications for patents have increased from 1 in 2008 to 9 by 2013 including one US Patent awarded & technology transferred to an industry.