**3.2: Innovation Ecosystem:**

**3.2.1. Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge (patents filed, published, incubation center facilities in the HEI to be considered):**

Sir C. R. Reddy College of Pharmaceutical Sciences offers favourable setting for fostering Pharmacy education. Our mission is to provide all the facilities to impart high-quality education, training, and research in Pharmacy and brace pharmacy professionals to meet the needs of society. Pharmacy graduates are equipped to provide value-based, patient-centered care that improves public health through excellence in teaching, research, service, and practice of pharmacy. To strengthen research, innovation and entrepreneurial endeavours, our institute developed Research & Development Cell. Our Institute has state of the art-Central Instrumentation lab equipped with instruments like, Brookfield Viscometer, Coagulation lab, Cooling centrifuge, Stability chamber, Laminar air flow chamber, FTIR (ATR), GC, Humidity control chamber, HPLC, UV- Visible spectrophotometer etc.,. In addition, students are demonstrated and trained with the help of simulation software such as ExPharm and drug information software such as Micromedex. The faculty and students are permitted to avail facilities to carry out their research using the current research facilities. We have an animal house facility as per the CCSEA guidelines for conducting experiments on animals. All the preclinical research protocols will be approved by IAEC while clinical research protocols will be approved by IEC In collaboration with Government Teaching General Hospital prior to the experimentation. We have a well-stocked library with subscription services like KNIMBUS and J-GATE and offering access of e-books and e-journals to the students and faculty.

**RESEARCH POLICY**

Policy decisions relating to research within the institute are made by the Research and Development cell chaired by the Principal. The Research Policy aims to foster an enthusiastic and focused research environment among the researchers.

**Objectives:**

* To promote a culture of high-quality research by offering the necessary infrastructure and support in accordance with the research framework and standards.
* To make sure that publications are made in peer reviewed journals with high impact factors, Scopus/Web of Science indexing, and/or both.
* To embolden the researchers to secure grants from various funding resources for quality research and innovation.
* To incentivize the enhancement of intellectual capital.
* To encourage interdisciplinary research and collaborations to translate research into socially useful and feasible projects.

**Outcome:**

**Research:** The constitution of Research and Development cell has led to the increased research activities among faculty and students. As a result, high quality research works were published in peer reviewed national/ international journals with good impact factor. Researchers are encouraged to file patents.

**Memorandum of Understanding** with Institutions / Industries is meant for Sharing of Knowledge and better enhancement of research activities.