

**Raghavendra Institute of Pharmaceutical Education and Research (Autonomous)**

**K.R.Palli Cross Road, Near SKU, Anantapuramu.**

**Best Practices 2019-2020**

**Title of the Practice:-** Research - Integral part of the Curriculum.

**Objective of the Practice**

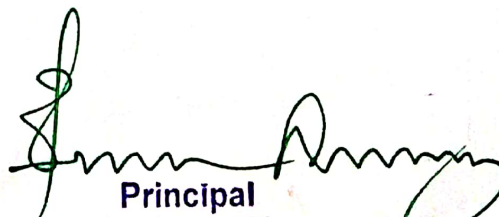
To establish research culture among the under-graduate and post-graduate students

**Goals**

1. To endorse a scientific approach to the assessment of any problems
2. To establish critical thinking skills for collection of data and also how to write a research paper
3. To built an aptitude for research
4. To identify & disseminate the emerging and thrust areas of research
5. To instill the research culture among student
6. To motivate the students to present their findings in reputed National / International Conferences
7. To encourage the students to publish their research papers at national/international reputed journals
8. To create curiosity in students for active participation in a short period
9. To enhance academic work to the level of patenting and long-term ventures
10. To identify the target areas and, to understand the individual research inters

**The Context**

At UG&PG level, students typically gain limited knowledge only through lectures in classrooms, and laboratory practice. Hence, the implementation of scientific techniques for the acquisition of information is most important for students. The adoption of an interactive learning approach, involving students in identifying a problem, identifying the causes and critically seeking a solution, will have a positive effect on students and will make the learning process more relevant and meaningful. Therefore initiatives were taken on a stand-alone basis to include the research study as a compulsory component of the curriculum for all students at UG&PG level.



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## **The Practice**

### **a. Initial planning**

Initially the faculty members were given training in research methodology. The core group drew up a curriculum for the Foundation Course in Research Methodology in collaboration with the expert instructors. Awareness created among the students about research and paper writing. Guest lectures and webinars were conducted to explain the doubts among students about research.

### **b. Project Work**

#### **Allocation of Guide**

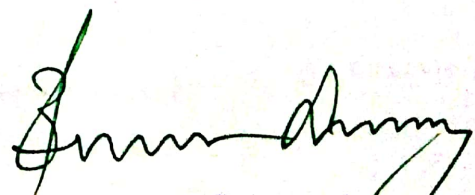
Created project groups by giving four to five students and for each project group faculty will be assigned based on the field of specialization. The student will communicate with the guide at every stage.

#### **Choice of a research problem and presentation of a proposed project**

The preparatory course allows learners to choose the topic of project work and to apply a proposal after careful analysis of the existing literature. The proposed proposal is approved by considering the resources availability, time limits, economical implications and complexity of the project.

#### **Collection of data**

After the finalization of the project proposal, students can follow their project by gathering the necessary information from various resources. The presentation of an ongoing project is made by students using power point, during which the faculty of the department and the entire class will be present. The presentation will be accompanied by a discussion. The questions generated by the students and faculty provide an opportunity





for students to become more focused on their project work. The data obtained by the researcher will be tabulated, evaluated and interpreted using different analysis tools.

### **Submission of project report and Viva-voce**

Finally, the scientific report on the research project will be presented by the students as part of the fulfillment of the UG&PG program. Continuous internal evaluation shall be carried out by the faculty guide at each point of the project work, providing adequate weight to the sources consulted/literature analysis, methodology, data collection, technical consistency, content of the study and bibliography.

### **Obstacles/ Problems encountered**

There was an initial fear among students. Language difficulties, lack of critical thought and financial challenges have been reported as problems for some students and have been adequately addressed. Junior faculties who have limited exposure in research face difficulties in project guidance.

### **Evidence of Success**

Project work undertaken by students builds self-confidence and inspires them to pursue more research studies such as the Mini Project and Summer Research Project funded by renowned research institutes at PG level. The solicited feedback collected from the students about project work, demonstrates that the project work at UG & PG level has helped to establish a scientific approach and has improved their knowledge of the subject. Student Publications has improved a lot compared to previous academic years.

### **Resources**

The college has a research center, computer lab and central instrumentation room with all sophisticated equipment facility.



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**Title of the practice:** Women empowerment

**Objective:**

- Empowering women with academic excellence.
- To raise awareness of the rights of women.
- To make women aware of our rich cultural heritage.
- The cell aims to create a better society by empowering women

**Structures:-**

The cell is headed by the President, Secretary and Treasurer of the Women's Staff. The Girl Students are members of it. The Principal and Senior Faculty shall assist and guide the activities of the Cell.

**The context :**

The institution has more number of girls rather than boys. The cell has taken keen interest to protect the rights of girl student by organizing various programs.

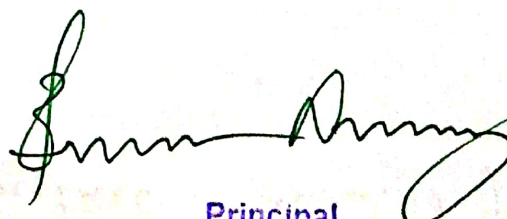
“Educate The Girl and Strengthen The Nation “.

In this context the cell has designed several women empowerment programs to educate the girl student.

**The Practice :**

The institution has organized and conducted various programs under this cell with true spirit and dedication .We invite Doctor from RDT hospital for cancer awareness and also invite Advocate to create awareness about women’s rights, like this way we conduct many programs ,seminars ,conferences to :

- Increase awareness among girl students and lady staff about their rights.
- Listening to the grievances of girl students and guiding them through counseling.




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- Creating opportunities for girl students to participate actively in curricular and co curricular activities.
- Offering health and safety guidance.
- Providing financial assistance to poor girls.
- We conduct skits ,elocution , essay writing competitions .
- To empower and strengthen women through education and social values and the ethical sphere of life.
  - Recognizing strong leadership qualities in their capacity.
  - Building a culture of respect and equality for women.
  - The provision of opportunities and programs for women to be financially, psychologically and emotionally empowered in order to boost their growth as individuals on their own.
  - Organize seminars, workshops to share knowledge of the opportunities and tools available.
  - Inculcate the entrepreneurial attitude of young girls so that they are "successful entrepreneurs" rather than "job-seekers."

**Evidence of success:**

The institution has identified major changes in the attitude of girl students on various parameters. Overcome of shyness, more participation in class wise seminars and extra –curricular activities, Positive attitude, free interaction with faculty and other students.



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