

7- CRITERIA

7.2 BEST PRACTICES

7.2.1. Describe two best practices successfully implemented by the Institution as per the NAAC format provided in the Manual.

BEST PRACTICES-I

1. Title of the Practice:

Research Review Club (RRC) – Inculcate the publishing of scientific papers in indexed journals among faculty members and students.

2. Objectives of the Practice:

- It provides an opportunity for teachers to remain up to date with literature and also offers the opportunity to learn methods of critically evaluating review and research articles
- It aids in the development of novel ideas and boosts the number of publications in indexed journals.
- Increase the number of research projects among the staff and help to carrier of students.
- Encourage diverse research collaborations to bring best practises in health care.
- Faculty members benefit from professional development and initiation credits.
- To increase the problem-solving ability of faculty during their research

3. The Context:

The Research Review Club (RRC) was established in the year July 2021. Research is an integral part of professional life. Writing and publishing research papers will not only contribute to gain knowledge and increase the number of projects carried out but also help in establishing the best practices.

The committee helps

1. To learn methods for critically evaluating review and research articles
2. Review research proposals involving participants and their data to ensure that they follow to the national and international journal guidelines

The following faculty members are nominated to be the members of the Research Review Club:

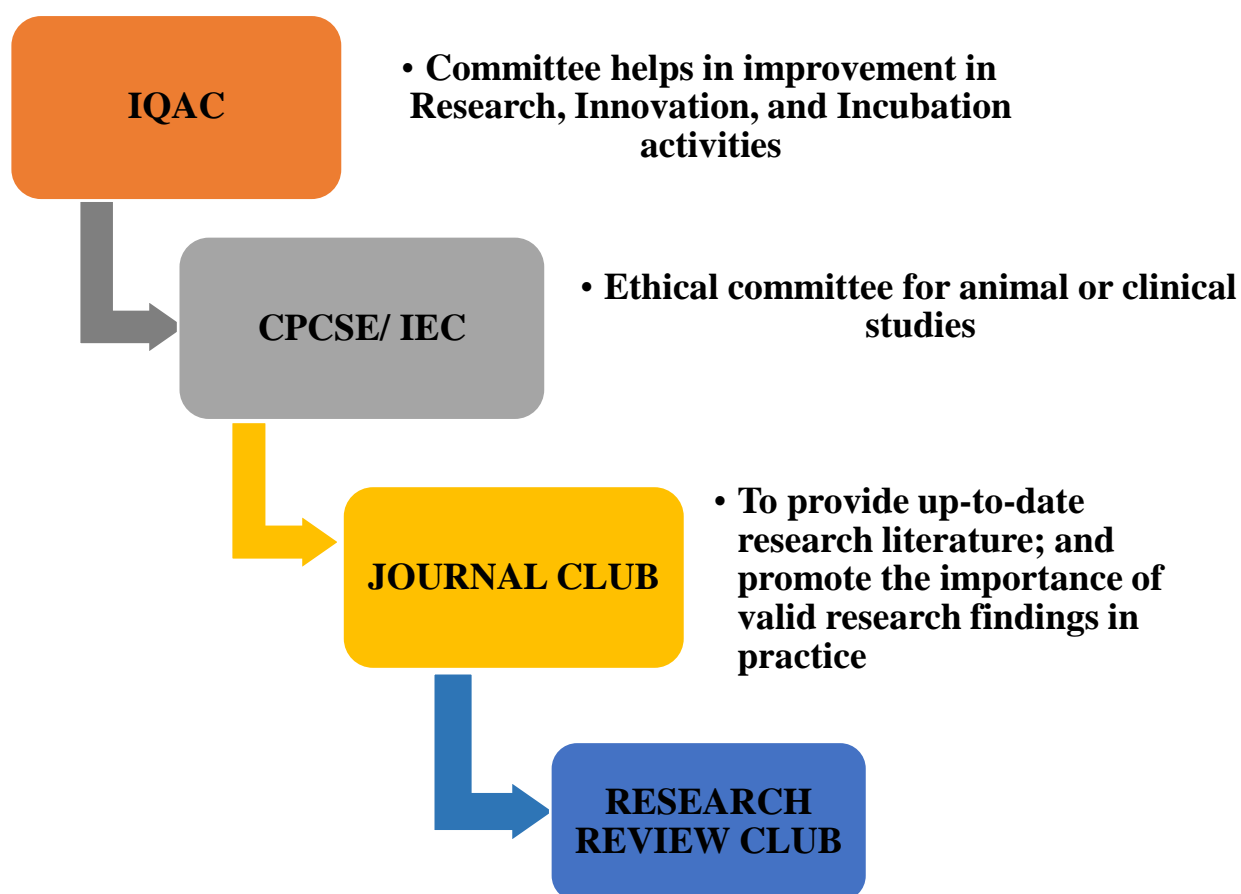
S. No	Name	Members
1.	Dr. M. Ravi Kumar	Director
2.	Dr. Sunil Junapudi	Co-Ordinator
3.	Dr.M. Srinivas	Member
4.	Dr. R. Siva Kumar	Member
5.	Dr. R. Naga Kishore	Member

6.	Dr. Bharat Bhushan	Member
7.	Dr. N. Anjaneyulu	Member
8.	Dr. P. Neeraja	Member
9.	Dr. Y. Shiva Kumar	Member
10.	Dr. Abbul Nazer Ali	Member

4. The Practice:

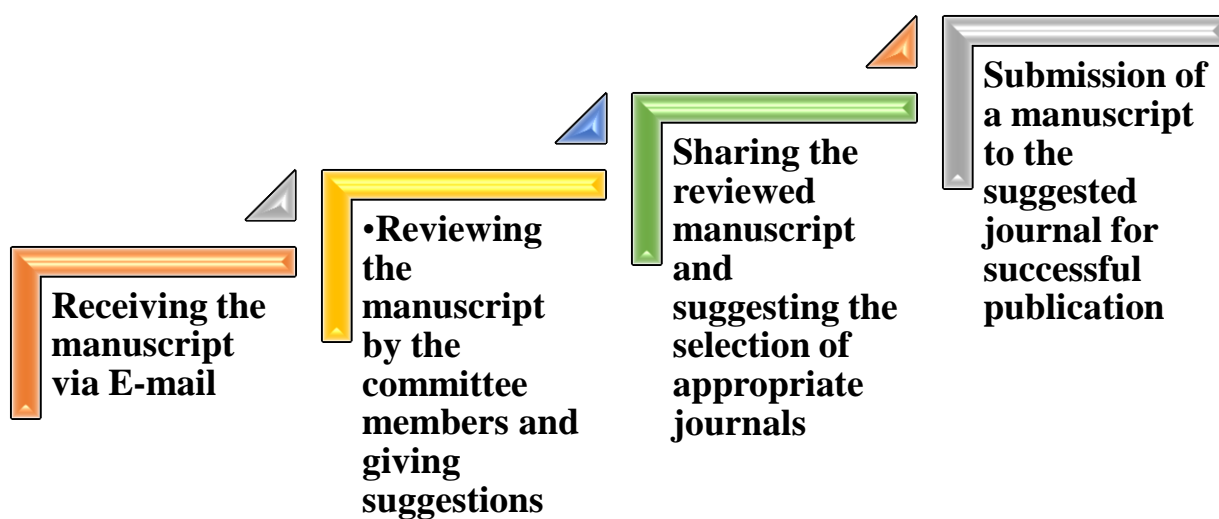
The College has taken the initiative and all HODs and other senior faculty with experience in research and innovations are included in this best practice. It is usually organized around a defined subject with a basic or applied research and review article, manuscript, and evaluation done by the head of the department.

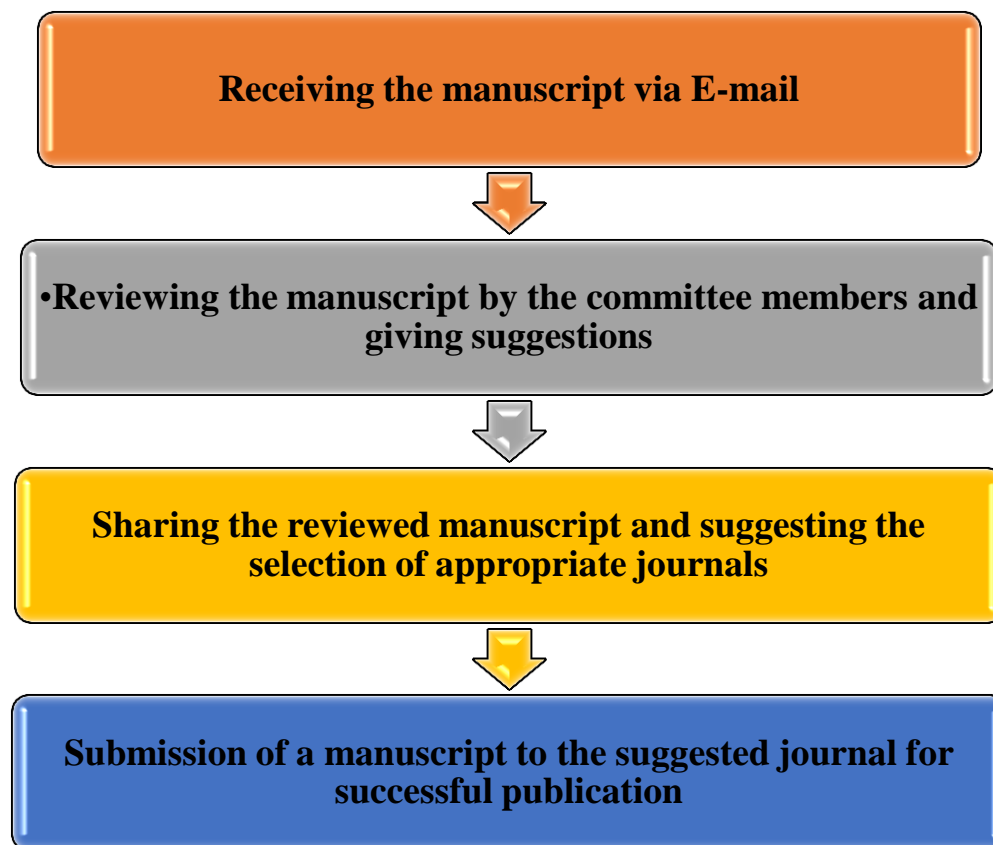
ORGANISATION OF RESEARCH REVIEW CLUB



- Geethanjali College of Pharmacy's internal quality Assurance Cell (IQAC) has made steps to promote lifelong learning and quality education, which aids in the improvement of Research, Innovation, and Incubation activities.
- The qualified scientific projects will be identified for the need of The Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSE) approval or Institutional Ethics Committee (IEC) approval for clinical studies
- Journal club bridges the gap between the researcher and the need for publishing by providing current research literature, serving as a platform for teaching and learning new concepts and methodologies, and emphasizing the value of valid research findings in practice.
- The articles will be sent to **ethical.gcpk@gmail.com**, and the Research Review Club (RRC) will review the data from numerous independent researches on the same subject to determine overall patterns. It is a systematic and explicit examination of the evidence on a specified subject that identifies relevant research and extracts and analyses data from the studies using systematic and explicit methodologies.

It should give an overview of current view on the theme and an original research article. The first part of the practice includes encouraging teachers to write scientific papers. Then the written manuscripts are verified by the research and ethical committee. Once the papers are complete, the best ways to get them published are discovered. The papers are presented in workshops, conferences, and national and international journals.





5. Evidence of success:

In the years 2023–2024, the committee successfully reviewed and published around 21 articles; 15 articles were published in reputable UGC, Elsevier, Scopus-indexed, Web of Science-indexed journals, and DOAJ-indexed journals. Moreover, some papers published in high impact factor journals.

The faculties have responded enthusiastically, and members have consistently expressed their willingness to study the articles in the time allotted despite their busy academic schedules.

LIST OF PAPER PUBLICATIONS BY FACULTY FOR AY 2023-2024

S. No.	Title	Authors	Journal	Year/Volume/ Issue/Page	UGC Care list/Scopus/DOAJ
1.	Design and characterization of Glimepiride hydrotropic solid dispersion to enhance the solubility and dissolution	Dr. M. Ravi Kumar, et al	Journal of applied Pharmaceutical Research	2024, Vol 12 Issue 2 Pg 68-78	Scopus
2.	A comprehensive review on Pharmacognostic & Phytochemical evaluation of Bryophyllum Pinnatum leaves	Dr. M. Ravi Kumar, P. Naga Chandrika	Journal of technology	2024, Vol 12 Issue 4	Scopus
3.	Exploration of In-Vitro Antidiabetic activity of ZnO NPs and Ag NPs synthesized using methanolic extracts of Alpinia mutica and Tradescantia spathaeca leaves	Dr. M. Ravi Kumar, P. Shankaraiah	International Journal of Pharmaceutical Quality Assurance	2023; 14(3): Pg 464-469	Scopus
4.	A Review on herbal nano drug delivery systems: A new skyline	Dr. M. Ravi Kumar, P. Shankaraiah	AIP Conference Proceedings	2023	-
5.	Importance of a Yoga course to manage Hypoxia in individuals	Dr. M. Ravi Kumar, et al	International Journal of Zoological Investigations	2023; Vol 9, No 2, Pg 1239-1245	Web of Sciences
6.	Establishment and Validation of High-performance liquid chromatography Technique for Quantifying Dalbavancin in Injectable Formulations	Dr. M. Srinivas, et al	Asian Journal of Pharmaceutical Research and Health care	2023; Vol 15 Issue 4	Web of Sciences
7.	Development and validation of an HPLC method for the determination of Lobeglutazone in Bulk and in Tablet formulation	Dr. M. Srinivas, et al	Int.J.Pharm. Investigation	2023; Vol 14 Issue 1 Pg 204-211	-
8.	Antimycobacterial, Molecular Docking and ADME Studies of Spiro Naphthyridine Pyrimidine and N-(Quinolin-8-yl) acetamide Derivatives	Dr. R.Siva Kumar	Chemistry Select	2023,8 Pg 1-14	Scopus
9.	A review on role of biomass in production of global renewable bioenergy	Dr. P.Neeraja, et al	EMERG	Vol IX Issue 3/2023 Pg 103-122	Scopus

10.	The effect of obesity on Severity of Asthma: An Observational Prospective Study from Pakistan	Dr. Abdul Nazar Ali	Journal of Pharmacy and Bioallied Sciences	2024;Vol 16 Issue 1 Pg 38-43	Scopus
11.	A new method was established for simultaneous estimation of elbasir and grazoprevir by RP-HPLC method	Ch. Sumalatha	Indo American Journal of Pharmaceutical Sciences (IAJPS)	2023; Vol 10(09) Pg 287-295	-
12.	Molecular Docking analysis of Human-Cyclooxygenase 1CX2 by 97 flavonoid derivatives	Ch. Sumalatha	European chemical bulletin	2023; Issue 8 3628-44	Scopus
13.	Evaluation of anti-inflammatory and analgesic activity of aqueous and alcoholic extracts of leaves of Epipremnum aureum. Linn in rats	B. Sandhya,et al	Journal of Emerging technologies and innovative research (JETIR)	2023; Vol 10, Issue 10 Pg 607	-
14.	Observational study of incidence and clinical patterns of Mesenteric lymphadenopathy among children in RVM hospital	Dr.Md. Abubakar	Clinical Practice	(2023) 20 (2), Pg 1-13	Scopus
15.	Comparative study of combination therapy of Telmisartan + Amlodipine Vs Telmisartan + Clinidipine in hypertensive patients	Dr.Md. Abubakar	Journal of Cardiovascular Disease Research	2023; Vol 14, Issue 9, Pg 14	-
16.	Assessment of the role of clinical pharmacist in implementation of antimicrobial stewardship in a tertiary care hospital: An observational Study	Dr.Md. Mohasin Pasha	Clinical Practice	(2023) 20(2), Pg: 1-12	Scopus
17.	Prospective cohort study on the effectiveness of structured patient education program given to smokers in specialized centers (deaddiction centers)	Dr.S. Kiranmai, Dr.Md. Mohasin Pasha	Clinical Practice	(2023) 20(4), Pg: 104-113	Scopus
18.	Observational Study of ADR monitoring, safety and efficacy of clopidogrel with atorvastatin combination in cardiovascular diseases	Dr.G. Laxmi Prasanna	Clinical Practice	2023; Vol 20(3) Pg 40-47	Scopus
19.	Observational study on safety and efficacy of rivaroxaban in Covid-19 and post Covid-19 patients	Dr.G. Laxmi Prasanna	Clinical Practice	2023; Vol 20(1) Pg 1-11	Scopus

20.	Design and Characterization of Hollow Porous Floating Microspheres of Favipiravir	P. Naga Chandrika	International Journal of Drug Delivery Technology	2024; Vol 14 Issue 1, Pg 236-245	Scopus
21.	Neuroprotective and Antioxidant Potential of Methanolic and Aqueous Peel Extract of Citrus Sinesis on B-Amyloid induced Alzheimer's in mice	G. Sandya Rani	International journal of Science and research	2024, Vol 13, Issue 3	-

6. Problems Encountered and Resources Required:

The most significant problem that across in the task

- ✓ In a multidisciplinary manuscript, finding a qualified peer reviewer can be difficult.
- ✓ Often, there is a lack of coherence in the plot, as well as defined research principles.
- ✓ The manuscripts that are received are occasionally written in such a way that the reader's grasp of the material is hampered.
- ✓ If the study is not correctly Meta analyses, the time for reviewing the report will increase, causing a delay in publishing.
- ✓ In certain studies, more funding is required.

BEST PRACTICES-II

1. Title of the Practice: COMMUNITY SERVICE

2. Objectives of the Practice:

Objective of the Programme: Geethanjali college of Pharmacy (GCPK) is devoted to include Community Service as a special programme in National Pharmacy week, as education beyond classroom to make IPA and NSS student volunteers gain challenging and electrifying real-world experiences. The practice in vogue for the last five years provides community services like Breast cancer screening camp, COVID-19 awareness programme, campaign for awareness on responsible use of medicine to the Cheeryal villagers on National Pharmacy week Occasion under the supervision and guidance of Dr. M.Ravi Kumar, Professor & Principal and faculty members of the institution.

The Key Practice makes villagers to understand:

- Awareness programmes on Communicable and Non-Communicable diseases and their treatment at Cheeryal village.
- Medical campus like Breast cancer screening, eye checkup, and Blood donation camp.
- Make them health conscious.

3. The Context:

The people of the Cheeryal village are not well educated and hence do not know about prevention and treatment of various Communicable and Non-Communicable diseases. They fail to maintain the proper hygienic conditions that might raise various health issues. Women related issues like menstrual hygiene, reproductive diseases, breast cancer and cervical cancer etc., have become the concern of the day.

4. The Practice:

A special one week programme is implemented where students of the institution visit Cheeryal village the practice is being followed from 2015 and continued till the announcement of lockdown. Students are segregated in to different groups, each group of 6 or 7 members visit the allotted streets of Cheeryal village and counsel the public for their ailments, assist in prescription handling and guide them on proper usage of medicines as per the given prescription and guiding role of pharmacists is taken up by the students. Clinical examinations, tests for Diabetes, Hypertension, Obesity, Blood Grouping, Hb estimation, Body Mass Index, monitoring and carry out breast screening tests for the villagers with the support of MNJcancer hospital, Hyderabad. In addition, patients are counselled for injuries, first-aid in case of accidents, pesticide poisoning, snake, dog and insect bites, respiratory diseases, gastric

problems, and depression among women. It is ensured that all the patients are attended to and counselled. Students as budding pharmacists check prescriptions before dispensing the medicine and ensure that the patients do not receive the wrong drugs and also guide them on the dosage. They are also informed about the drug interactions. The college has made it an inclusive and customary practice to offer curative, preventive and promotive medical counseling services to the Cheeryal villagers as it plays a major role in transforming a student into a responsible citizen. Students learn compassion and empathy during clinical work which will further lead them into quality professional lives to derive at the best possible patient experience. Working under the guidance of health professionals, students learn to apply the learned concepts in a patient centred environment.

Particulars of Community Services are:

The particulars of community services 2023-24

S. No.	Date	Name of the event
1	07-04-2024	World Health Day
2	14-02-2024	World Epilepsy Day
3	04-02-2024	World Cancer Day
4	08-02-2024	Blood Donation Camp
5	02-02-2024	Rheumatoid Arthritis Awareness Program
6	30-01-2024	World Leprosy Day
7	02-12-2023	National Pollution Control Day
8	1-12-2023	Worlds Aids Day
9	20-11-2023	62 nd National Pharmacy Week
10	14-11-2023	World Diabetes Day
11	11-11-2023	National Education Day
12	10-11-2023	World science day
13	29-09-2023	World Heart Day
14	25-09-2023	World Pharmacist Day
15	17-09-2023	National Pharmacovigilance Week
16	17-09-2023	World Patient safety day
17	11-09-2023	World First Aid Day
18	01-09-2023 to 7-09-2023	National Nutrition Week
19	26-06-2023	International day against the drug abuse

20	05-06-2023	National Environment Day
21	03-06-2023	Awareness program on narcotic drugs and adverse effect

5. Evidence of Success

Awards received from Govt. school principal of cheeryal village.

6. Problems Encountered and Resources:

Obligatory Due to illiteracy the villagers do not follow the instructions/guidance and neglect the use of medicines regularly as prescribed. Most people are daily wage earners so they are interested to go for work rather than attend medical camps. All diseases cannot be diagnosed with limited facilities available in medical camp villagers cannot use the drugs prescribed by the doctor.