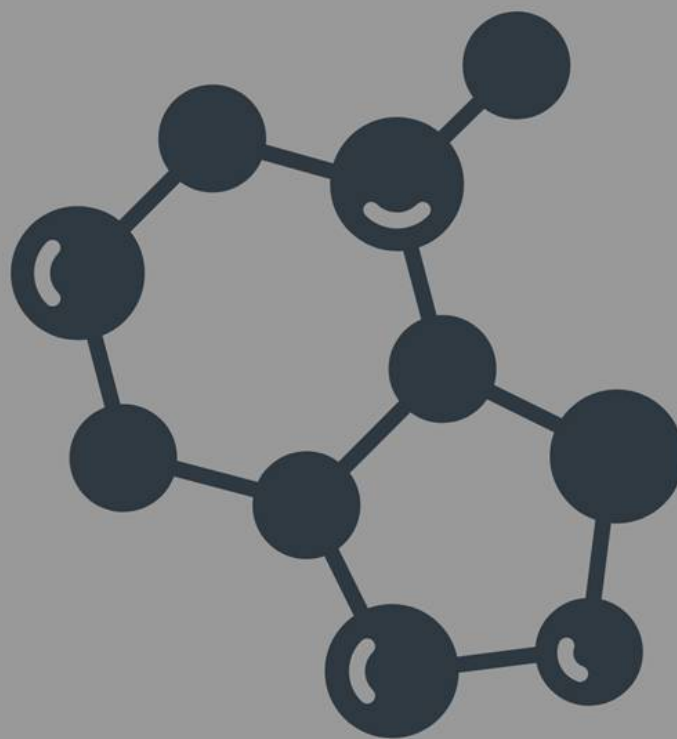


POLICY FOR PROMOTION OF RESEARCH

LOYOLA ACADEMY

Autonomous College



## 1. Foreword from Principal

It gives us immense pleasure to write this foreword to the promotion of research policy in Loyola Academy.

Loyola Academy has been expanding its scope over the years with exclusive focus on research. Research is one of the most significant bodies for improving the corpus of knowledge in any given field. There are many students, Post grads and faculty members who are involved in the prospects of research. It is not always necessary for research to discover something new but reinforces the existing knowledge which is present

Research expands horizons and makes use of applied knowledge to rediscover assets of human knowledge and it's unearthing when implemented on society. Understanding the societal framework into which human mankind is bonded, Research serves as an apt platform of contributiveness and contemporariness simultaneously.

The forum of scientist, faculty, research scholars and students will acquire immense exposure and research capabilities with the establishment of this policy and through active intellectual participation in national / international conferences, research publications and undertaking seminars and workshops.



## 2. Foreword from Vice Principal

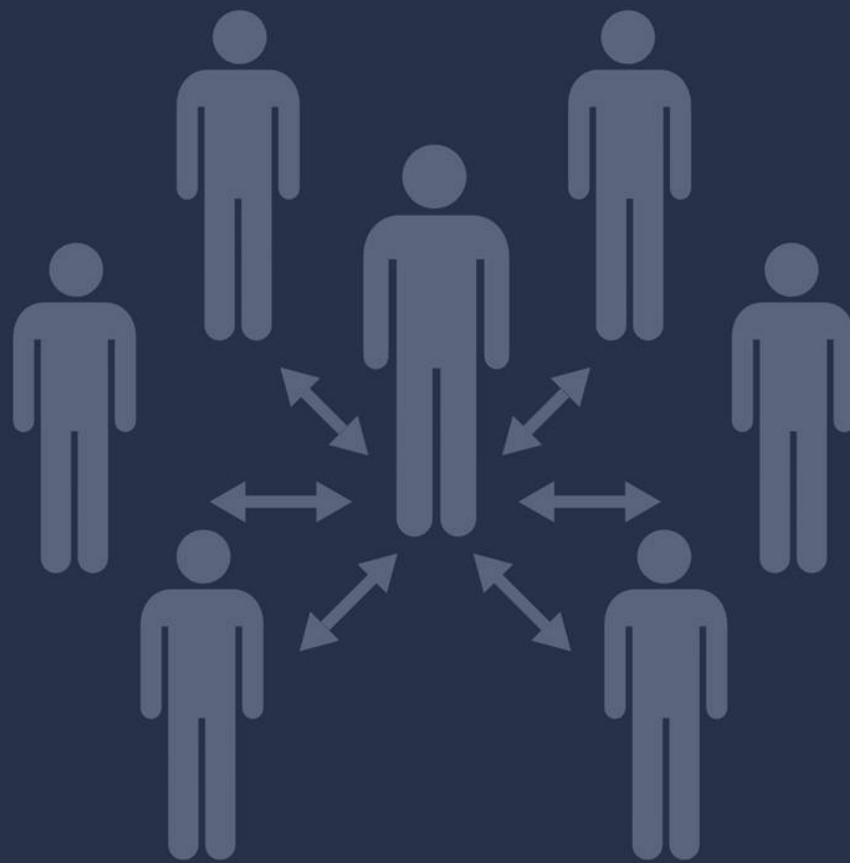
It gives immense pride in establishing the research policy at Loyola Academy. The very idea of research breeds a seed of progression and encompasses a vision to integrate knowledge and its application for discovering potential growth. The college with this policy has achieved a giant leap in inculcating a research atmosphere amidst academic involvement.

The college understands the very significance of research and has always been encouraging in this sphere, and has made it as an inclusive domain for institutional advancement.



### 3. INTRODUCTION

Loyola Academy (LA) is managed and administered by the Jesuits of the Andhra Jesuit Province, belonging to the Society of Jesus, an international Catholic Religious Order. Loyola Academy Degree and Post Graduate College as well as Loyola Academy Junior College were founded by Rev Fr T. Baliah SJ in 1976 in Alwal, Secunderabad, Telangana, India. At Loyola Academy, research is promoted at department levels through curriculum based undergraduate research projects and internship projects. Loyola Academy promotes research by faculty as well as students through its research committee which was established in 2010. The Research committee (RC) takes care of various issues of research including ethical matters. The committee comprises of a Core Group of 5 members and an extended group consisting of the head of every Department. All the mechanisms stated above are being implemented for smooth running of research schemes/projects. In addition to the above, the Institute takes care to provide physical infrastructure such that the faculty and students involved with research are physically proximate. This enhances interactions that is very critical to research. There are 6 research centres recognized by the institution and facilities required for research in the IT area is computers, servers etc., will be provided to faculty members and to every research student. Centralized facilities include library with a rich collection of physical and electronic subscription to journals, abundant bandwidth and internet facilities etc are also available.



#### 4. Objectives

- Provide an ambience for research
- Create a platform for exchange of ideas and promote collaborations
- Publish papers in journals of repute, make efforts to file patents
- Promote industrial collaborations involving active and mutually beneficial R&D projects



## 5. Planning the research

Research work has to be planned meticulously without affecting the teaching standards. It should upgrade the quality of faculty and students.

- Clear documentation of the rationale for the study and proper documentation of records.
- Adherence to the current safety practices and ethical standards.
- Securing all necessary ethical and regulatory approvals.
- Assessment of the resources needed to ensure the study is viable within the available means.
- Judicious use of resources and avoid wastage



## 6. Conducting the research

All equipments used must be calibrated.

A standard operating procedure (SOP) should be maintained for every instrument.

Record book to be maintained properly.

Experiments should be repeated to ensure reproducibility of results.

Wherever possible statistical analysis to be carried out.

All safety precautions to be enforced.

All protocols followed should be clearly documented. Any special modifications made should be documented

All observations, calculations, photographs to be maintained properly

Computer data should be regularly backed up.

## 7. Sharing

Researchers are encouraged to share their research work with their peers and promote discussion which may lead to new ideas.

Researchers can present their work in conferences, seminars and workshops.





## 8. Leadership and Cooperation

Head of the institute and senior colleagues should ensure that a research atmosphere is created to encourage research culture. The senior leaders would disseminate information on call for proposals from various funding agencies. Facilitate in timely submission of research proposal after scrutiny by research committee.

Proper utilization of funds and timely submission of project reports and utilization certificate to funding agencies. Leadership would also motivate researchers both staff and students by providing them infrastructure, buy minor equipment's and consumables from institutional funds to a certain extent, sample analysis from other laboratories as seed money.







## 9. Training

College would organize regular programs/talks to promote research. It would also encourage staff and students to attend any such programs organized by other institutes. These can be on

- Research methodology
- Training in use of new soft wares
- Statistical analysis of data
- Writing of research proposals

The college encourages faculty and students to publish their research work in a responsible manner. All funding sources must be acknowledged in any publication. As far as possible research work must be published in peer reviewed journals. A proper procedure of authorship should be practiced. Research students who contribute more in terms of actual practical work done should be given due credit.

## 10. Integrity

Quantity of publications is not very important practicing ethical standards would be top priority. The principle author should take ownership in case of any questionable data being presented. Plagiarism, deception, fabrication or falsification of results is regarded as a serious disciplinary offense.



## 11. Promotion for Research

1. Motivating and initiating research among faculty members by providing them requirements in terms of laboratory setting, consumables etc. as seed money.
2. MoUs have been signed with Universities and companies for collaborative research.
3. Promotion of research among UG and PG students by encouraging them to take up projects which are fully supported by Institutional funds.
4. Doctoral students provided with consumables if they are not supported by any funding agencies.
5. Incubation centres to be set up for the students.
6. Appreciation of faculty members when they obtain a higher education qualification like M.Tech, M.Phil /Ph D degree/ Publishing papers and for funded projects.
7. Encourage collaborative research with University, other colleges, research institutions and Industries.
8. Students and faculty encouraged to present papers in seminars, conferences. Financial assistance provided in the form of registration fee, travel money etc.
9. The faculty members and students are sent to International and National conferences /seminars/workshops for participation and presenting their papers.

