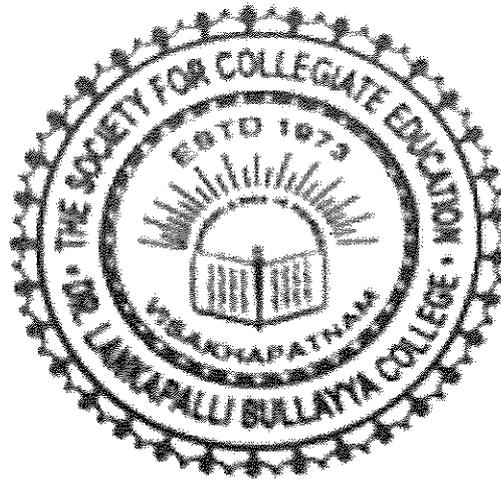


Research Policy



Dr Lankapalli Bullayya College of Engineering,

(Approved by AICTE, New Delhi, Affiliated to Andhra University, Visakhapatnam)

Visakhapatnam



Dr. LANKAPALLI BULLAYYA COLLEGE OF ENGINEERING

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Research Policy

OBJECTIVE

The Research Policy of Dr Lankapalli Bullayya College of Engineering, Visakhapatnam aims at fostering research culture by promoting research in newly emerging and challenging areas of science and engineering including multidisciplinary domains. The purpose of this policy is to establish procedures for the conduct of research and scholarly activity and to promote applied research and innovation. Further, it facilitates the establishment of the research ecosystem and framework within which academic staff, Research Scholars, Postgraduate and Undergraduate students, organizations, and other institutional partners conduct research.

SCOPE OF THE POLICY

This Policy is applicable to all Stakeholders who are willing to promote Research culture in the college.

To achieve the high-quality research ambience in the college, the following practices have been in practice with continual efforts for revision as well as updating.

1. **Research and Development Committee:** Institute assigns responsibility for the oversight and coordination of applied research and innovation activities to this committee with the headship of R&D Co-ordinator, and provides the support services to carry out this responsibility.
2. **Budget allocation for Research and Development**
The college makes budget provisions to procure necessary equipment for experimental projects, software tools, travel support for faculty attending conferences, internal funding, subscribing research journals up to date to strengthen the library, reference books and textbooks.
3. **Freedom for Research:** All the faculty members are encouraged to conduct research in the focused as well as interdisciplinary areas of research.
4. **Code of Ethics: The institution has initiated a code of ethics that enables it to check malpractices and plagiarism in research.**
 - i. The use of any idea from an external known source is strictly not allowed in an institution environment unless it is cited properly.
 - ii. Inventions and concepts of innovations in the institute premises, never exposed by other similar senses.
 - iii. The use of copyrighted materials without permission is not allowed.
 - iv. The research idea/work/concept submitted by the author is NOT a legitimate copied scientific article and does not violate common ethics.
 - v. Individual faculty/staff is responsible to follow the policy of Code of Ethics in the institute.

5. Autonomy to the principal investigator: The Principal investigators who were sanctioned projects from various funding agencies like DST, UGC, AICTE, MHRD etc., are given full autonomy in executing the project as per the guidelines of the funding organizations and provides additional grants, if required.

6. Timely availability or release of resources: Principal maintains separate accounts to each project sanctioned by external agencies and institute provides all facilities and maintains timely release of project funds for completion of the project.

7. Adequate infrastructure:

Central library facilities are enhanced with online national and International reputed journals, digital sources, handbooks, reference books and material related to research activity.

The departments have purchased the necessary software and computing facilities to carry out research works and are updated as and when required.

8. Expert Talks: The College invites scientists, eminent professors, and reputed researchers to share their experiences with faculty which enhances the research culture in the campus.

9. Incentives for Research Accomplishments:

All the faculty members are encouraged to conduct research in the focused as well as interdisciplinary areas of research.

Management has a plan to appreciate Faculty members with appropriate monetary incentives for the fund received from the government agencies for the project proposals.

10. Time-off, reduced teaching load, special leave etc. to teachers: Faculty members working on sponsored research projects from government and non-government funding agencies are given the facility of reduced teaching workload in addition to sanctioning academic leave for attending the workshops/seminars relevant to their research projects and associated works.

11. Facilitate timely auditing and submission of utilization certificate to the funding authorities: After completion of the project by the principal investigator, the college arranges for auditing; assists in obtaining the utilization certificate for submission to the respective funding authority.

12. Royalties for Books: Institute will not take any sharing of royalty received for the books/publications by the faculty & staff, however, hoping such authors will give books to the central library.

13. Acknowledging Research Sponsors: Researchers shall be honest with sponsors of their research about their qualifications and their research expertise and skills. Researchers shall only utilise a sponsor's funds for purposes explicitly approved by the sponsor and should acknowledge in the research publications.

14. Seed Money Support: The institute has introduced Seed Money Assistance that enables young researchers to pursue their research in specific advanced research areas.

15. Equipment and Material Procedures:

All the equipment and material purchases for funded research will follow the standard procurement practices of the college and will remain as the property of the college unless otherwise specified in a research funding agreement.

If the equipment or material purchased or collected through research grants is later sold, the proceeds from the sale will be received into the accounts of the college unless otherwise specified in the research agreement.

It is expected that equipment which is not being fully used for the purpose for which it was primarily intended will be made available for teaching and research through appropriate agreements which will include sharing of maintenance, repair, and other costs.

16. Review and Feedback: R & D Cell Convenor, will propose modifications and improvements to this policy document based on experiences, and feedback from stakeholders and others. The College Research and Development Committee will review the proposed modifications and incorporate them in to the policy. Any questions and feedback may be forwarded to R & D Cell Convenor.

Future Plans:

1. Research Advisory Committee: College is planning to constitute a committee involving members from Government research and development Institutions and industries, reputed Academic Institutions like IITs, NITs, IIITs to render advice and guidance leading to continuous growth of research related issues.

2. Plagiarism Software: The institute is planning to subscribe "Turnitin Feedback Studio (TFS)" software that helps to perform the content similarity check of research articles, project proposals, including B.Tech Project reports to ensure the high standards of research.

RESPONSIBILITIES OF THE R&D CELL

- i. Dissemination of information about project calls from Govt. of India funding agencies from time to time to all the departments and to motivate faculties to carry out high quality research along with preparation of project proposals.
- ii. To conduct Workshops, Seminars, Conferences on Research, Intellectual Property Rights.
- iii. The review of development of research capacities in the institution and monitoring the achievements of Research & Development
- iv. Monitoring the performance of individuals, groups, and Faculties to encourage excellence and productivity through maintaining a database of research and development activities.
- v. The protection and commercialization of the Institute's intellectual property along with assistance in filing patents.
- vi. Implementation of incentive schemes for promoting research activities among teachers.
- vii. The development of infrastructure is conducive for promoting the quality and quantity of research and development.
- viii. Disbursement of Institute Research Funds to established researchers, both individually and in groups.
- ix. Monitor the application of Research Funds received from Govt. of India & In-house to ensure that the funds are properly and formally accounted for.
- x. To foster the development of multidisciplinary research endeavours across Faculties and departments.
- xi. Exploring the possibilities towards consultancy activities related to R&D.
- xii. Arranging expert talks on emerging technologies by inviting eminent scientists from reputed organizations and institutions.



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