

PVKN Govt. COLLEGE (A), CHITTOOR

(Affiliated to S.V. University, Tirupathi)



RESEARCH POLICY

ESTABLISHMENT OF RESEARCH POLICY AND NECESSARY ENVIRONMENT

Aims of the Research Policy

The research policy of the college aims to create and support a research culture among the teachers, staff and students and leverage it for enriching and enhancing the professional competence of the faculty members, for developing and promoting scientific temper and research aptitudes of all learners, for realising the vision and missions of the college and for contributing to national development by establishing an institutional fund and plan for facilitating their participation in research and related activities and by providing the required resources and appropriate facilities.

It also aims at ensuring that the research activities of the college confirm to all applicable rules and regulation as well as to the established standards and norms relating to safe and ethical conduct of research.

Scope of the Research Policy

This policy shall apply to all the researchers of the college and for the purpose of this policy 'researchers' are defined to include

1. All staff (regular, part-time, contractual and guest), who are active in teaching, research, administration and provision of any form of support to the core functions of the college.
2. All students registered with the college.
3. All mentors, guides, external experts and sponsors associated with any of the research activities of the college.
4. All academic and administrative departments of the college.

This policy shall apply to all the research and related activities of the college and for the purpose of this policy research and related activities will inter alia include

1. Research activities including basic, strategic and applied research undertaken either for fulfilling the requirements of academic degrees or for solving problems
2. Scholarly activities intended to expand knowledge boundaries by analysis, synthesis and interpretation of ideas and information by making use of rigorous methodologies
3. Knowledge compilation and communication initiatives for keeping abreast of academic developments in any knowledge domain such as writing of textbooks, chapters of textbooks, monographs; developing/updating curriculum, etc.
4. Creative activities involving the generation of new ideas, innovations, hypotheses, images, performances or artefacts, including design in any field of knowledge which leads to the development of new knowledge, understanding or expertise.
5. Developing regional fine arts creative videos, music and other documentation of local talents, regional agricultural methods not practicing in contemporary ages, literature studies on the dialects, evidence based historical studies of the regions.
6. The scientific validation and documentation of specific dishes of the region with ingredients (not reported earlier), documentation of rational medicine/technologies used in the rural urban people for various ailments in the scientific formats, natural colorants, designs of traditional fabrics, local highly nutritious crops and their development as new varieties, etc., are also be given high priority.
7. Research projects of students undertaken as part of the curriculum or for enriching it
8. Publication, presentation and communication of the research outcomes and related activities.

Objectives of the Research Policy

- *To strengthen the institutional capacity for strategic, technical and operational planning, budgeting and control of all research activities of the college*
- *To create and administer a research fund for supporting and facilitating research initiatives and projects of faculty members and students*
- *To develop rules, standard operational procedures and guidelines for granting research support, instituting awards and supporting all other related activities*
- *To develop rules, procedures and guidelines for granting study leave, sabbatical leave, duty leave, reduction in workload, etc. for faculty members undertaking*

research activities with the prior approval of Governing body and under the limitation of Chairman of the Institute.

- *To provide a modality for proper coordination of all research activities of the college and aligning these to the vision and missions of the college and national development goals.*
- *To guide faculty members in the effective integration research projects with the regular curriculum implementation and curriculum enrichment activities.*
- *To identify and inform researchers about the appropriate research opportunities announced by different academic, research, industry or government organisations*
- *To promote interdisciplinary research and establish modalities for preparing and undertaking joint research projects covering more than one knowledge domain as well as policies for involving external agencies/experts in such projects.*
- *To define an enabling framework for researchers to obtain sponsorships for research projects and which makes the participating researchers responsible for the successful implementation of the project.*
- *To develop and promote linkages with the Research Council of the affiliated University and enable all the researchers of the college to benefit from the activities and programmes of the council.*
- *To identify and establish linkages including MOU s for long term relationships with national and international research organisations for widening the scope of research opportunities and funding options available to the teachers and students of the college.*
- *To identify and establish linkages including MOU s for long term relationships with industry bodies and individual companies for creating opportunities for teachers and students of the college to involve themselves in real life research projects and obtaining sponsorships or internships.*
- *To encourage and facilitate the publication of the research work/projects in reputed academic journals.*
- *To encourage and facilitate the presentation/communication of the research work/projects as well as their findings and recommendations through academic events such as workshops/seminars/guest/expert lectures or the media.*

- *To compile data on all the research work/projects undertaken by the teachers and students in to a database for easy monitoring and analysis of the progress being made by them from year to year.*
- *To provide a mechanism for ensure that academic staff attain the desired mix of teaching, research and consultancy outputs so as to achieve the level stated in the College mission.*
- *To draw up and adopt a research code, which informs all researchers about the ethical and legal norms and principles to be followed in the conduct of research.*
- *To prepare and implement a research quality assurance mechanism for ensuring that all research activities of the college conform to standard quality specifications.*
- *To develop, prescribe and administer rules and procedures to ensure the compliance of all researchers to the research quality assurance framework, the research code and all the applicable rules and regulations.*

Composition of Research Cell

Research Cell will have the following composition

- Principal – Chairperson
- Coordinator – Member Secretary
- Seven teachers (Science, Humanities, Arts and Commerce)– Members
- Industry/Academia representative - Member
- Two student representatives - Members

Research Cell may be expanded with the inclusion of more members as necessary. It may also set up and promote 'Action Groups' for managing specific projects/activities.

Research Policy Implementation Mechanism

The Research Cell of the college shall be responsible for implementing this research policy of the college by working closely with the college management. The specific roles and functions of the research cell will be as follows

1. Facilitating the faculty in undertaking research and will work with the college management to set up a research fund for providing seed money.
2. Providing research facilities in terms of laboratory equipment, research journals and research incentives etc. required by the faculty.
3. Encourage and promote a research culture (eg. teaching work load remission, opportunities for attending conferences etc.).

4. Encourage the faculty to undertake research by collaborating with other research organisations/ industry.
5. Creating suitable procedures for giving due recognition for guiding research.
6. Facilitating the establishment of specific research units/ centres by funding agencies / affiliating University.
7. Organising workshops / training programmes/ sensitisation / capacity building / IPR related Entrepreneurship development / skill enhancement programmes are conducted by the institution to promote a research culture on campus.
8. Providing necessary training to the faculty to the feeder junior colleges to encourage scientific temper.
9. Prepare budgets for supporting students' research projects.
10. Invite industry to use the research facilities of the college and sponsor research projects.
11. Approach National and international organisations such as UGC, ICSSR, ICHR, ICPR, DST, DBT, UNESCO, UNICEF to fund major and minor research projects undertaken by the faculty / students.
12. Improve the availability of research infrastructure requirements to facilitate research as well as regular lab practicals.
13. Develop and implement an official Code of Ethics to check malpractices and plagiarism in research as per the UGC.
14. Facilitating Interdepartmental / interdisciplinary research projects.
15. Institute research awards.
16. Create incentives for the faculty who receive state, national and international recognition for research contributions as well as research awards and recognition from reputed professional bodies and agencies.
17. Encourage and promote the publication of research articles by the faculty in reputed / refereed / peer reviewed journals.
18. Create and maintain a database of research work and research projects undertaken by the faculty and students as well as collect data by metrics such as Citation Index, Impact Factor, h-index, SNIP, SJR, etc.
19. Publicise the research expertise and consultancy capabilities available in the college.
20. Facilitate the provision consultancy services to industries / Government / Non- Government organizations / community / public.
21. Preparing Rules & Guidelines for Grant of Research related leave and other remissions.

22. Prepare Guidelines for design and evaluation of curriculum oriented research projects
23. Prepare a college research agenda with relative priorities.
24. Monitoring and Preparation of annual progress reports and submission to necessary statutory bodies to present in NAAC or any inspecting authorities.
25. Encouraging the faculty to pursue Doctoral studies.
26. Facilitating skill development programmes to the faculty to expertise, updating.
27. Encouraging students and faculty to engage in the area study programmes to document the regional aspects as given in the policy points 1-7.