



**SANKETIKA VIDYA PARISHAD ENGINEERING
COLLEGE P.M. PALEM, VISAKHAPATNAM-
530041**

RESEARCH AND DEVELOPMENT POLICY

Research & Development Cell (R&D Cell)

Sanketika Vidya Parishad Engineering College (SVPEC) established R&D Cell with the vision to foster cutting-edge research and practical solutions, and serves as a pivotal hub for both students and faculty engaged in pioneering engineering research. The committee is lead by Dean R& D nominated by Principal and supported by one Senior Faculty Coordinator from each Department.

Objectives:

- To foster scientific temper.
- To generate innovative ideas on academic and societal problems
- To Encourage, Coordinate and Implement Research and Development Programs(workshops/ seminar/ training programs)
 - To create awareness on evolving technologies and industrial standards for products. · Provide scope for faculty and students to work on latest technologies with industry standards through consultancy projects.
- To identify and inform researchers about the appropriate research opportunities announced by different academic, research, industry or government organizations.
- To encourage and facilitate the publication of the research work/projects in reputed academic journals and conferences
- To develop, prescribe and administered rules and regulations to ensure the compliance of all Researchers to the research quality assurance framework and the research code.
 - To encourage Core Competence and Consultancy work
 - To create awareness about filing Patents and IPR
 - To create a platform for obtaining sponsored projects
 - To provide consultancy services to the society/industry
 - To promote inter- disciplinary/ multi disciplinary research

The following are the research promotional activities taken care by the R&D cell. I. Financial Aid and Support for Pursuing PhD

1. For pursuing Ph.D under the Quality Improvement Program (QIP), the faculty member must have put in at least 5 years of continuous service at SVPEC is eligible to apply for QIP.

2. A Faculty member who gets admission in reputed institutions will be considered for grant of study leave and financial support. The quantum of financial support will be decided by the Research Development Committee (RDC) and approved by the management. The support is subjected to the Rules and regulation of the management.
3. Any faculty member who wishes to do PhD on Part-time basis while continuing to work in the institute, will be considered by the RDC for support in one or more of the following ways:
 - a) Reimbursement of registration fee paid to the university and the expenses towards preparation of the thesis, subject to a ceiling of Rs. 10,000/-.
 - b) Relieving him/her from the administrative responsibilities, if any, and arranging the time-table, balancing Ph.D work with the class work. Care would be provided to engage the class work to 3 or 4 days of the week along with that he/she can be given half days relief in a week for concentrating on the PhD work at the discretion of Principal.
 - c) Giving study- leave for a period of up to a maximum of 3 months either at a stretch or in few spells of 15 days each time for devoting his/her time for doctoral work.

II. Faculty Encouragement for Research Paper Publications:

Faculty will be awarded for publishing research papers in Science Citation Indexed journals with good Impact Factor cited by Thomson and Reuter/Clarivate and UGC CARE Q1 and Q2 listed journals.

i) Deputation to Refresher Courses, Workshops & Seminars:

Faculty will be deputed, at regular intervals, to attend short term refresher courses, workshops, and seminars etc. and will be treated as on- duty / academic leave. The registration fee for the course will be borne by the SVPEC and the faculty will be Paid to and-fro train/ bus fare / DA as per HR policy. Deputation of the faculty members for such refresher courses will be decided by the Principal based on the recommendation of the Head of the Department concerned.

ii) Faculty Members Presenting Research Papers:

Faculty members presenting their research papers in Regional/ National/International Conferences/ Seminars will be paid the registration fee and also to-and-fro train/bus fare /DA as per HR policy. The duration of the conference and the to-and-fro travel time will be treated as On - Duty/ academic leave.

For International Conferences outside India, the faculty who got Travel assistance from outside agencies, financial support for other expenses which were not covered in the sanction letter may be provided by the management.

The amount to be sanctioned in such cases will be the discretion of the management.

III. Sponsored Research Projects

Sponsored research projects in engineering colleges are vital for advancing knowledge, Fostering innovation, and enhancing the college's reputation.

These projects are typically Funded by external agencies, including government bodies, private industries, and Non-profit organizations.

The faculty shall apply for funding support, to do Sponsored / Collaborative research based on the call for proposals from the agencies. The Principal Investigator (PI)/Principal Co-investigator shall forward the proposals to the Principal through proper channel. The Faculty received external grant will be awarded incentives by the management as per norms.

IV. Consultancy Activities

To provide service to the society and industry, consultancy is offered by the faculty in their expertise domain based on the request from the clients, the faculty expert offering shall place a requisition to the principal through proper channel.

The financial gain, if any will be shared between Institute (60%), Faculty (30%) and administration charges (10%). The reports and the progress will be reviewed in a committee formed on timely basis.

V. Innovation and Patents

The Institute has entrepreneurship development cell actively working from the last 10 years. The Institute Innovation Council (IIC) provides the inputs from time to time to EDC for start ups , internships, IPR to develop entrepreneurship and innovation skills among faculty and students, IIC at SVPEC is a unique model which promotes innovation and incubation of ideas among student and faculty.

IIC will be conducting various activities like interactive sessions of renowned entrepreneurs with students, being a facilitator in filing patents of novel ideas of the institute.

In the future, the center is striving hard to be a center of excellence for startups with proper incubation facilities. The institute shall provide support required for filing the patents and also for completing the ground work required to get the patents registered, licensed and granted.

The institute shall provide required support to the faculty and students for filing IPRs.

The institute shall provide support for organizing the programmes related to innovations, Startups, internships and IPR.

VI. Book/Book Chapter Publication

Faculty who publish books with ISBN No with reputed publishers will be awarded.

The book chapters published through conferences will not be considered for the award however, it may be considered under conference proceedings.

VII. Code of Ethics and Plagiarism:

- All research coordinators of the departments will be provided online access to **Turnitin** Plagiarism check software.
- All Post Graduate Students dissertation should include the copy of Plagiarism check report along with the peer review journals.
- If plagiarism is detected in the Publications student he/she shall be liable for disciplinary action.

VIII. Guidelines for Research Project / Seed fund Proposals

A. Objective:

SVPEC aims to provide the financial assistance/seed fund for the startup of research projects in the fields of Engineering, Science, Management and Humanities.

B. Eligibility:

1. All faculty preferably Assistant and Associate Professors can avail the research grant.
2. The eligible faculty can submit the proposal during 1st week of July of every year.
3. The approval of the project will be considered based on the recommendations of the research committee duly constituted.
4. The research proposal should contain one Principal Investigator and One or two Co- Principal Investigators from same / different departments.

C. Nature of Assistance:

Research grant (max. of Rs. 2, 00,000/-) can be granted based on the research proposal. **(i) Non-recurring Grant (not exceeding 75% of the total grant):** a. Equipments(Purchase of computers, laptops, printers are not accepted) b. Books and Journals (not exceeding 10% of the non-recurring grant) **(ii) Recurring Grant (not exceeding 50% of the total grant):**

- a. Contingency(not exceeding 10% of the recurring grant)
- b. Chemicals and consumables included.

D. Duration of Project:

The duration of the project will be for a maximum of two years from the date

of sanction. **E. Release of Funds:**

The amount sanctioned is released on -time basis.

- (i) First installment: 100% non-recurring and 50% recurring.
- (ii) Second installment: 30% recurring
- (iii) Third installment: Balance amount.

Sanctioning of 2nd and 3rd installments is usually made based on the half-yearly reports and extent of the work and the recommendations of the committee.

F. General:

- (i) All the assets in the form of equipment and other items purchased are the sole proprietary of the college / Society
- (ii) Project is not transferrable in any circumstance.
- (iii) No extension in tenure is permissible in any circumstances.
- (iv) If, the Investigators fail to complete the project, he/she has to refund the entire amount released with interest.
- (v) The final report should be submitted along with the bills with statement of audit. (vi) Applications are to be forwarded through the proper channel.

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