

2026-27

Student Research Program

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Student Research Program (SRP) 2026–27

Introduction

Pandit Deendayal Energy University (PDEU) believes that competent and well-motivated students should be provided opportunities, at an early stage of their academic journey, to engage with research activities at the frontiers of knowledge, innovation, and creative work. The Student Research Program (SRP) is designed to nurture a research-oriented mindset among students and to promote interdisciplinary inquiry aligned with national priorities and global sustainability goals.

Under SRP, students undertake structured research projects and summarize their outcomes through project reports, publications, prototypes, models, or intellectual property (patents/designs). The student assumes the principal role in executing the project, while a faculty member acts as the Project Guide, providing academic mentorship and technical guidance.

The primary objective of SRP is to provide financial and academic support to student-led research initiatives that offer meaningful research exposure. These initiatives may result in experimental studies, analytical work, publications, creative outputs, or well-planned applied research projects. The program equips students with essential skills in problem definition, proposal writing, research execution, documentation, and dissemination.

Participation in SRP: - Demonstrates high-quality scholarly work, including experimental research, data-driven studies, reviews, and applied innovation. - Enhances written and technical communication skills through publications, patents, and formal reporting. - Improves students' preparedness for higher education, research careers, and industry roles. - Encourages knowledge sharing, peer learning, and research dissemination within the university community.

The SRP assists PDEU students in planning research experiences, identifying faculty mentors, defining research objectives, presenting and publishing outcomes, and seeking research funding. It also supports faculty by facilitating student integration into ongoing research and grant-oriented activities.

Area of Project (Theme-Based Research)

All proposals submitted under SRP 2026–27 **must be aligned with one of the following thematic areas and subcategories:**

Sr. No	Main Theme / Area	Subcategory 1	Subcategory 2	Subcategory 3
1	Energy Transition (Aligned with SDGs)	Renewable Energy Technologies & Storage	Green Hydrogen & Alternative Fuels	Energy Efficiency & Smart Systems
2	Health Care	Digital & AI-Driven Health Solutions	Biotechnology & Therapeutics Innovation	Public Health, Nutrition & Disease Prevention
3	Indian Knowledge Systems (IKS)	Ayurveda, Siddha & Traditional Medicine	Indigenous Science & Technologies	Art, Culture & Linguistic Heritage Studies
4	Tribal Skills	Traditional Craftsmanship & Indigenous Design	Ethnobotany & Indigenous Healthcare Practices	Sustainable Tribal Livelihood Models
5	Water Research	Water Purification & Treatment Technologies	Water Conservation & Watershed Management	Water Quality Monitoring & Pollution Analysis
6	Waste Management	Solid Waste Recycling & Circular Economy Solutions	Biodegradable Materials & Composting Technologies	Smart Waste Collection & Tracking Systems
7	Carbon Capturing	Nature-Based Carbon Sequestration	Industrial CO ₂ Capture & Utilization Technologies	Carbon Footprint Analysis & Net-Zero Strategies

Projects may be interdisciplinary but must clearly indicate the **primary theme** under which evaluation and funding will be considered.

Eligibility

The Student Research Program is open to all full-time PDEU students, except PG and Doctoral students who are already receiving any form of assistantship from the University. Applicants must fulfill the following eligibility criteria at the time of proposal submission and throughout the project duration:

- No academic backlog for any team member at the time of submission.
 - Minimum 80% attendance maintained by all team members during the proposal submission and project period.
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Guidelines

- Applications for financial assistance must be submitted online in the prescribed format.
 - Students must submit a brief project proposal as per the defined template within the stipulated deadline.
 - Item-wise financial estimates, including quantity, rate, and total cost, must be clearly specified in the proposal.
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Rules

These rules shall be called the “Rules for Grant of Financial Assistance under the Student Research Program (SRP).”

- Financial assistance may be restricted to specific expenditure heads or may partially cover overall project expenditure.
 - The quantum of assistance shall be subject to the ceilings prescribed under the scheme.
 - Student teams and Project Guides must present their proposals before the Project Review Committee.
 - The Committee may suggest modifications to improve research quality or outcomes.
 - Projects found diluted or non-aligned with expected objectives may be recommended for premature closure.
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Financial Support

Scheme 1: Student Research Project Grant

- Minimum Grant: ₹5,000/-
- Maximum Grant: ₹2,50,000/-

Proposals must be submitted exclusively through the **Research Information Management System (RIMS)** of PDEU. Approval shall be subject to fund availability and recommendations of the duly constituted committee, followed by sanction from the competent authority.

Students are expected to submit a research paper in a Scopus/WoS indexed journal and/or file a patent/design within the stipulated project timeline to continue grant support.

Unutilized funds must be refunded to PDEU within the prescribed time. Utilization Certificates and Statements of Expenditure must be duly certified by students, Project Guide(s), and Director of the concerned School.

Showcase, Awards & Terms and Conditions

All the project team who will get sanction order have to mandatorily display the project output in terms of model, poster or paper presentation, during the exhibition for the same organized by Office of Research & Sponsored Program.

All the students need to participate in the same for the evaluation of the project. The student who will remain present during the showcase along with their project will be eligible for completion certificate and grant for attendance subject to evaluation and recommendation of panel of jury for the achievement of planned activities and objective.

The showcase will be organized after 10 months of Project allocated

Awards & Prizes:

Awards with Following Categories will be given on the basis of nomination from eligible participants:

1. Best Project – University Level - Overall
2. Best Project – Engineering & Technology
3. Best Project – Liberal Arts & Management