

2017

Office of the Research &
Sponsored Programs

[RESEARCH FUNDING FOR THE STUDENTS]

Contents

Student Research Project

Introduction.....	3
Eligibility	5
Guidelines.....	6
Rules	6
Funding Norms	6
Terms and Conditions.....	8
Format: Utilization Certificate	12
Format: Statement of Expenditure	13
Format: Project Proposal.....	14

Student Research Project

Introduction

The Student Research Program (SRP) offers Financial Assistance to PDPU students to work on basic and applied research projects. Projects must provide students with a meaningful research experience, with the student assuming the principal role and the faculty or teaching academic staff member serving as a mentor. The student must write the proposal, using the advice and technical expertise of the mentor as a guide.

Priority Areas

The research can be done on Managerial, Economics, Scientific, Technical, Policy Framework, Corporate Social Responsibilities or any suitable aspects related to

- Sustainable Development Goals

The United Nations Sustainable Development Goals is a collection of 17 global goals to transform our world by 2030 published and adopted by the United Nations in 2015 at an historic UN Summit.

The SDGs, also known as Global Goals, build on the success of the Millennium Development Goals (MDGs) and aim to go further to end all forms of poverty. The new Goals are unique in that they call for action by all countries, poor, rich and middle-income to promote prosperity while protecting the planet.

They recognize that ending poverty must go hand-in-hand with strategies that build economic growth and addresses a range of social needs including education, health, social

protection, and job opportunities, while tackling climate change and environmental protection.

Sustainable development calls for concerted efforts towards building an inclusive, sustainable and resilient future for people and planet.

Ref : <https://sustainabledevelopment.un.org/>

- NITI Aayog focus areas

15 disruptive Technologies

Data mining, Big-data Cyber-Physical system (IoT), Bio – Technology, Cyber Security, Nano-Technology, Smart Manufacturing, (3D Printing, Additive Manufacturing), Precision Agriculture, Advance Energy Storage, Waste to Energy Recycle and Reusing Water Satellite based Technologies for identification, distribution and utilization of natural resources, Advanced GIS, Next Generation Genomics, Renewable Energy, Cloud technology.

- Government of India / Government of Gujarat Thematic & priority areas as suggested by Ministries & Department.

However, the student(s) can submit the proposal for any area of research having synchronization with PDPU academics.

Following bonus points will be given during the evaluation for the priority research area

Bonus Points – Table - 1

Criteria	Bonus Points
Sustainable Development Goals	10
NITI Aayog Focus Area	10
GoI Ministry focus Area	08
GoG Ministry Area	05

Department of Central Government	05
Department of State Government	04

Bonus Points – Table – 2

Criteria	Bonus Points
Project Team is having one Ph. D. Student (Full Time), one M. Tech. Student as co-investigator and at least two B. Tech. Student	10
Project Team is having one Ph. D. Student (Full Time), One M. Tech. Student as co-investigator and at least one B. Tech. Student	08
Project Team is having one Ph. D. Student (Full Time) or M. Tech. Student as co-investigator along with at least one B. Tech. Student	05
Mentor does not having any Sponsored Projects	05
RAB Member / Industry Expert / Research Expert as Co Mentor	05

Only one Bonus Point (maximum) will be added in the evaluation sheet for making the final result.

Eligibility

Any full time student who is currently studying & fulfilling the following eligibility criteria at PDPU can apply for financial assistance under this scheme.

1. There should be no backlog at the time of submission of proposal (For All the team members).
2. All the students should have maintained minimum 80% attendance before the application for all their studies & during the project period.

Guidelines

1. The online application for financial assistance in the prescribed format should be submitted.
2. The students are required to submit a brief proposal in the “Prescribed Format” as per submission deadline.
3. Item wise financial estimates should be mentioned clearly in the proposal submitted, showing rates, quantity and total for each item.

Rules

1. These rules may be called the ‘Rules for grant of financial assistance to Student Research Projects’.
2. Financial assistance may be limited to specific items of expenditure or to cover a part of the expenditure on the whole function.
3. The quantum of assistance with the ceiling is given below.
4. The Student team along with Project Guide will be required to submit the quarterly activity report and will be required to make the presentation before project review committee. The panel will have the right to suggest changes, or modification in research method, idea, concept for the betterment of research activities.
5. In a case, where the panel get satisfies the work is diluted or not as per expected outcome or proposal, the panel may advise premature closure of the same, if no option for modification, changes, development or improvement are available.

Funding Norms

Student projects will be eligible for a minimum grant of Rs. 5,000/- and maximum of Rs.250, 000/-. The proposal should be submitted online only through Research Information Management System of PDPU.

The University will allocate 80% of available fund for student research program for the research proposals submitted under priority area as mentioned above. The rest 20 % will be available for faculty centric proposals.

The student investigator and mentor are encouraged to interact & collaborate with industry / R& D Labs / PDPU Research Advisory Board members for live and pertinent research projects and will be given priority in shortlisting for the financial support.

Subject to availability of funds, proposal for financial assistance will be screened and approved by the duly constituted committee, which will subsequently be sanctioned by the DG, PDPU.

Committee for Scientific & Technological research project(s) will be constituted of Following

1. Coordinator – ORSP - Chairman
2. One Internal Faculty (Other than Project Guide)- Member
- To be nominated by the Director of Concern School
3. One External Expert - Member
- To be nominated by the Director of Concern School
4. Expert (Any – Internal or External) - Member
- To be nominated by the Director General, PDPU
5. Manager (Development) - Secretary

Committee for research project(s) from the area of Liberal Studies & Management will be constituted of Following

1. Director, SLS - Chairman
2. One Internal Faculty (Other than Project Guide) - Member
- To be nominated by the Director of Concern School
3. One External Expert - Member
- To be nominated by the Director of Concern School
4. Expert (Any – Internal or External) - Member
- To be nominated by the Director General, PDPU

5. Manager (Development)

- Secretary

Financial assistance given as advance will be liquidated only after submitting the interim / final report, statement of expenditure and utilization certificate on quarterly basis and after successful completion of the project.

The whole or part of the granted money remaining unutilized within the prescribed time limit should be refunded to PDPU by remitting back the balance amount.

Utilization certificate and Statement of expenditure (two copies) shall be certified by all the students involved in the project, Project Guide(s) & Director of Concern School.

The ORSP reserves the right to order verification/audit of accounts by any Officer authorized by it.

Terms and Conditions

The scheme is constituted for the purpose of providing assistance in the form of grants to students for scholarly research work.

The research can be done on Managerial, Economics, Scientific, Technical, Policy Framework, Corporate Social Responsibilities or any suitable area of research having synchronization with PDPU academics.

Grant will be released as an advance should be liquidated with the proof of expenditures before completion of the project.

The maximum duration of the project will be one year from the date of start of the project.

This date of start of the project should be intimated by the Project Guide to ORSP. It will, in no case be later than one month after the receipt of the sanction letter.

On completion of the project, 3 copies of the final project report on the work done should be submitted to the ORSP along with the utilization certificate (UC) and statement of expenditure (SE). The Utilization Certificate and Statement of Expenditure should be countersigned by the Project Guide(s) & Director of constituent School.

The project guide will maintain separate account for the project.

The project guide will not entrust the implementation of the work for which the grant is being sanctioned to another project(s) nor will it divert the grant receipts to other student(s) as assistance.

PDPU reserves the right to terminate the project at any stage if it is convinced that the grant has not been properly utilized or appropriate progress is not being made. In addition, PDPU may designate Scientist/Specialist or an Expert Panel to review the work done.

If the student(s) to whom the project has been sanctioned wishes to leave the Institution where the project is based, the Project Guide will inform the same to the ORSP and in consultation with ORSP, evolve steps to ensure successful completion of the project, before relieving the student.

Students must acknowledge PDPU in reports and research/technical/scientific papers and/or any article publication based on the research work done under the project. Students are encouraged to publish some of the research papers emerging out of the project work in leading National & International Journals.

If the results of research are to be legally protected by way of patent/copy rights etc. the results should not be published without action being taken to secure legal protection for the research results.

The knowledge generated from the project will be the property of PDPU and should be properly acknowledged. Transfer to technology generated shall be done in consultation with the ORSP.

The PDPU may enforce additional guidelines for the operation of the student project from time to time and the Project Guides / Schools are required to observe such directions in the conduct of the research work.

Grant for Attendance:

All the student participants who will successfully complete the research project and will submit the closure report on or before expected date of completion of the project as per sanction order will get the maximum consideration for attendance of equivalent up to 7 working days for their academic criteria requirement subject to recommendation of Coordinator, ORSP & the approval from the Director of Concern School.

Showcase:

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 in the Month of March 2018.

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

UTILIZATION CERTIFICATE

Format: Utilization Certificate

(To be submitted at each quarter and within 15 days of completion of project)

Certified that out of Rs. sanctioned by PDPU towards financial assistance for the student research project titled '.....', ORSP Sanction No..... an amount of Rs.....was utilized for the purpose for which it was sanctioned, leaving a balance of Rs. at the close of as shown in the Statement of Expenditure annexed.

Name & Signature of All the Students

Name & Signature of Project Guide

Name & Signature of Director

STATEMENT OF EXPENDITURE

Format: Statement of Expenditure

Pandit Deendayal Petroleum University, Gandhinagar

(This should be submitted to ORSP at each quarter along with Interim /
Final Project Report)

STUDENT RESEARCH PROJECT

Name of the Students :

Roll No. :

Batch :

Concerned School :

Project Guide :

Title of the project proposal :

ORSP Project No :

Receipts	Amount (Rs.)	Payments	Amount (Rs.)
Amount sanctioned under Student Research Project (to be receivable)		1.	
Any other grant received for the same project		2.	
		3.	
Total		Total	

Certified that I have exercised all kinds of checks to see that the grant has been utilized for the purpose for which it was sanctioned by PDPU Authority.

Name & Signature of All the Students

Name & Signature of Project Guide

Name & Signature of Director

Pandit Deendayal Petroleum University, Gandhinagar

Draft Format: Project Proposal
(Online Submission)

1.
 - (a) Title of the Research Proposal (150 Characters) :
 - (b) Broad area/field of classification :
 - (c) Project Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others) :
2.
 - (a) Broad objectives of the project :
 - (b) Precise objectives of the project (150 Characters) :
3. Applications/Socioeconomic importance (The relevance, if any, to the utilization and management of the natural resources of the State) :
4. Abstract (300 Characters)
5. Name(s) of investigator (s)
 - (a) Project Guide
 - (b) Co Project Guide(s)
 - (c) Student Investigator(s)
 - (d) [Bio data of (a) (b) & (c) to be attached]

6. Particulars of equipment required :
- 7 Particulars of any other facilities required
- 8 Particulars of the facilities that are available at School level where this project will be implemented
- 9 Particulars of the facilities that are available at other institutions where students can visit for the proposed project (NOC from other institution is required)
- 10 Whether the scheme was submitted to any other organization for financial support, If so, the names of the institutions and their decisions may be indicated

Items

Amount (Rs.)

1. Consumables
2. Equipment(s)
3. Travel
4. Research Literature
5. Other (specify)

Total

Name & Signature of All the Students

Name & Signature of Project Guide

Name & Signature of Director