



04 November 2021

ANNOUNCEMENT OF CALL FOR PROPOSALS

Dear Faculty, Students, Researchers and Partners:

The Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD) of the Department of Science and Technology (DOST) is pleased to announce its **2022 Call for Proposals (CFP) for its HUMAN RESOURCES DEVELOPMENT PROGRAM (HRDP) under the Capability Development Program**. For 2022, PCIEERD has allotted a total budget of **Twenty Seven Million Pesos (PhP27M)** for the provision of grants for **Fifty Nine (59) HRDP grantees/activities**. Preference is given to researchers and/or institutions, who are new to the R&D ecosystem. Included in the said Call are the following the following components of the HRDP:

- a. Researchers on Industry, Energy Emerging Technologies - Opening Opportunities for Learning (RIEETOOL)** - This covers support for development of skills and knowledge aligned with the PCIEERD priority sectors. This is open to a) researchers, scientists and engineers (RSEs) from academic and research institutions for **attendance to specialized training**; and b) academic or research institutions for **conduct of specialized trainings**.

Priority for trainings to be supported are on **Quantum technology, Blockchain, Artificial Intelligence, High Energy Physics, Data Science** and other areas as identified in the PCIEERD R&D roadmaps.

- b. Providing Resources, Opportunities and Support for Project-based Personnel and Researchers (PROSPPER)** - This covers assistance for graduate scholarship of project personnel for PCIEERD-funded and -monitored R&D projects for the conduct and **completion of their graduate (MS/PhD) degrees** while gaining research experience in the said project/s.
- c. Balik Saliksik** - This covers grant to **new PhD graduates** who have obtained their PhD abroad and whose specialization falls within the PCIEERD sectoral priority areas or the Harmonized National Research and Development Agenda
- d. Presentation of Scientific Outputs in Conferences, Symposia, Fora and Seminars** - This covers support to researchers, faculty, and other S&T personnel of academic and research institutions for **presentation of research results** in refereed scientific/technical conferences, fora, seminars, trainings and workshops.
- e. Publication of Scientific/Research Papers in Scientific/Technical Journals** - This covers support to researchers, faculty, and other S&T personnel of academic and research institutions for the **publication of research results** in refereed scientific/technical journals and related publications.
- f. DOST Facilities and Laboratory Access Grant (FLAG)** - This covers support to BS and graduate (MS/PHD) students who will conduct research projects directed towards developing emerging technologies and exploring innovations in the PCIEERD sectoral priority areas such as, but not limited to, materials research, electronics and applied physics. The grant is an **outright research subsidy** which will finance expenses for **testing and analysis fees** specifically in the use of any of the equipment in the

identified DOST- and DOST-funded facilities, centers and laboratories, e.g. ADMATEL, EPDC, AMCEN, AMERIAL, etc.

- g. **Visiting Expert Program** – This covers grant to institutions needing faculty/experts from another institution who possesses the required expertise not available in the host/requesting institution.
- h. **Research Attachment** - This covers grant to BS, MS and PhD students or degree holders, or existing project staff or researcher of an ongoing PCIEERD-funded or -monitored project, in the science and engineering sectors, who need to conduct their research in a host institution, including foreign universities and research institutions to avail of the host institution's facilities and research expertise.
- i. **Conduct of Conferences, Seminars and Workshops** - This covers support for technical conferences, seminars and workshops aimed at promotion and dissemination of research outputs in PCIEERD's identified R&D priority areas.
- j. **Expert Intervention for Scientific Engagement (ExpertISE) for Regional Consortia**
This covers grant to researchers of the PCIEERD Regional Consortia to engage with an industry partner for the identification of potential niche, industry gaps and challenges and the development of projects that addresses the identified gaps and challenges of the industry.

Priority regions: IX, XI, XII (For identified universities only)

- k. **PCIEERD Regional Consortia** – This covers grant for the operations of the PCIEERD Regional Consortia.

Below is the call schedule:

Timetable Activities	HRDP / ExperTISE
Announcement of Call for Proposal/ Applications	November 15-December 10, 2021
Opening of Call for Proposals/Applications	November 15, 2021
Closing Date for Submission of Proposal	December 31, 2021
Proposal Evaluation Period	January 3-27, 2022
Notification of Successful Applicants	February 2022

Please refer to the attached Call Guidelines for more details. For those who are interested to submit proposals and applications, the complete package of the Call and the Proposals Application Forms can be viewed at the DOST Project Management Information System (DPMIS) website: <https://dpmis.dost.gov.ph>.

Thank you.

Very truly yours,


DR. ENRICO C. PARINGIT
Executive Director

Funding Opportunity Title

CALL FOR PROPOSALS FOR THE PCIEERD HUMAN RESOURCES DEVELOPMENT PROGRAM (HRDP) - FOR 2022 FUNDING

Key information

Type of funding	Grant
Funding Agency	DOST-Philippine Council for Industry, Energy and Emerging Technology (DOST-PCIEERD)
Add link to start the application	DOST Project Management Information System (DPMIS): http://dpmis.dost.gov.ph

Timeline

Event	Date	Time
Opening date	November 15, 2021	8:00 A.M.
Closing date	December 31, 2021	5:00 P.M.
Evaluation Period	20 Working Days – HRDP	
Start of projects	February 2022	

Overview

In the interest of fully complementing the human resources and institution needs and requirements of the industry, energy, and emerging technology research and development sectors, making the opportunity available to the great majority, PCIEERD implements the Human Resources Development Program which aims to: a.) develop and enhance Filipino research and development (R&D) capabilities of academic/research institutions and Department of Science and Technology (DOST) agencies through degree programs, conduct of research activities, and expert mobility in the industry, energy and emerging technology sectors in order to meet the present and future human resource requirements; and, b.)

encourage Filipino researchers to be more productive researchers by providing support for disseminating their research outputs in the industry, energy and emerging technology sectors in local and international conferences, fora and similar events.

Opportunity summary

This funding opportunity encourages the development of Filipino research and development (R&D) capabilities in the academic and research institutions through degree programs, conduct of research activities and expert mobility in the industry, energy and emerging technology sectors in order to meet present and future human resource requirements.

The Council shall provide funding support for the following components under the HRDP:

- **Visiting Expert program** - This covers grant to institutions needing experts from another institution who possesses the required expertise not available in the the respective institution.
- **Research Attachment** - This covers grant to researchers, in the IEET sectors, who need to conduct their research in a host institution to avail of the its facilities and research expertise.
- **DOST Facilities and Laboratory Access Grant (FLAG)** – This covers an outright research subsidy for testing and analysis fees using any of the equipment in the identified DOST- and DOST-funded facilities, centers and laboratories, e.g. ADMATEL, EPDC, AMERIAL, AMCEN, etc.
- **Presentation of Scientific Outputs in Conferences, Symposia, Fora, and Seminars** - This covers support to researchers, faculty, and other S&T personnel of academic and research institutions for presentation of research results in refereed scientific/technical conferences, fora, seminars, trainings and workshops.
- **Publication of Scientific/Research Papers in S&T journals** - This covers support to researchers, faculty, and other S&T personnel of academic and research institutions for the publication of research results in refereed scientific/technical journals and related publications.
- **Conduct of Seminars/Conferences/Workshops** - This covers support for technical conferences, seminars and workshops aimed at promotion and dissemination of research outputs in PCIEERD's identified R&D priority areas.
- **Researchers on Industry, Energy Emerging Technologies - Opening Opportunities for Learning (RIEETOOL)** - This covers support for development of skills and knowledge aligned with the PCIEERD priority sectors.
- **Providing Resources, Opportunities and Support for Project-based PErsonnel and Researchers (PROSPPER)** - This covers assistance for graduate scholarship of project personnel for PCIEERD-funded and monitored projects for the conduct and completion of their graduate degrees while gaining research experience in the said project/s.
- **Balik Saliksik Program** - This covers support for the conduct of research of newly graduated Filipino PhDs who have obtained their PhD abroad and whose specialization falls within the IEET sectors.
- **Experts Intervention for Scientific Engagement for Regional Consortia (ExpertISE)** – This covers grant to the PCIEERD Consortia for the development of researches to address the identified gaps and challenges of the industry in the region.
- **PCIEERD Regional Consortia** – This covers grant for the operations of the PCIEERD

Regional Consortia.

Who can apply

a. PCIEERD HRDP

- **Visiting Expert Program** – This is open to academic or research institutions needing experts from another institution who possesses the required expertise not available in the host/requesting institution.
- **Research Attachment** - This is open to students or degree holders, or existing project staff or researcher of an ongoing PCIEERD-funded or -monitored project, in the science and engineering sectors, who need to conduct their research in a host institution, including foreign universities and research institutions to avail of the host institution's facilities and research expertise.
- **DOST FLAG** – This is open to students or researchers who will conduct research projects directed towards developing emerging technologies and exploring innovations in the PCIEERD sectoral priority areas such as, but not limited to, materials research, electronics and applied physics.
- **Presentation of Scientific Outputs in Conferences, Symposia, Fora and Seminars** This is open to researchers, faculty, and other S&T personnel of academic and research institutions for presentation of research results in refereed scientific/technical conferences, fora, seminars and workshops.
- **Publication of Scientific/Research Papers in Scientific/Technical Journals** – This is open to researchers, faculty, and other S&T personnel of academic and research institutions for the publication of research results in refereed scientific/technical journals and related publications.
- **Conduct of Conferences, Seminars and Workshops** - This is open to academic institutions, research institution or S&T organizations for the conduct of technical conferences, seminars and workshops aimed at promotion and dissemination of research outputs in PCIEERD's identified R&D priority areas.
- **Researchers on Industry, Energy Emerging Technologies - Opening Opportunities for Learning (RIEETOOL)** - This is open to a) researchers, scientists and engineers (RSEs) from academic and research institutions for attendance to specialized training; and b) academic or research institutions for conduct of specialized trainings.
- **Providing Resources, Opportunities and Support for Project-based Personnel and Researchers (PROSPER)** – This is open to project personnel of PCIEERD-funded and -monitored projects for the conduct and completion of their graduate degrees while gaining research experience in the said project/s.
- **Balik Saliksik** - This is open to all new Filipino PhD graduates who have obtained their PhD abroad and whose specialization falls within the PCIEERD sectoral priority areas or the Harmonized National Research and Development Agenda.

Preference is given to researchers and/or institutions, who are new to the R&D ecosystem.

- b. **ExpertISE** – This is open to researchers of the PCIEERD Regional Consortia to engage with an industry partner for the identification of potential niche, industry gaps and challenges and the development of projects that addresses the identified gaps and challenges of the industry.
- c. PCIEERD Regional Consortia – This is open to the PCIEERD Regional Consortia.

What we're looking for

- a. HRDP – All proposals should be focused on the PCIEERD priority areas of concern and indicated in its sectoral roadmaps, which can be accessed through the PCIEERD website at <http://www.pcieerd.dost.gov.ph>. Identified priority areas are, but not limited to, the following: artificial intelligence, data science and analytics, quantum technology, additive manufacturing, block chain, robotics, mechatronics, high energy physics and other areas as deemed important or a priority.
- **Visiting Expert program** - Universities needing assistance from experts from another institution in strengthening their current research capability through research partnership, mentorship, review of research agenda, formulation of research policies and other relevant activities that help the university develop its research agenda and improve research track record.
 - **Research Attachment** – BS/MS/PhD students or degree holders, as well as researchers of DOST/PCIEERD funded/monitored projects requiring the use of equipment not available in their university but can be hosted by another university to conduct of research activities. A host researcher/mentor from the host university to oversee the research to be conducted is also required.
 - **DOST FLAG** – BS/MS/PHD students with approved thesis proposal that needs testing and analysis of samples using any equipment in a DOST/PCIEERD-established laboratory/facility.
 - **Presentation of Scientific Outputs in Conferences, Symposia, Fora, and Seminars** – Researchers, faculty and other S&T personnel of academic and research institutions with scientific papers accepted for presentation in a local or international scientific conference, symposia, fora and seminars.
 - **Publication of Scientific/Research Papers in S&T journals** – Researchers, faculty and other S&T personnel of academic and research institutions with scientific papers accepted for publication in a peer-reviewed, indexed journals.
 - **Conduct of Seminars/Conferences/Workshops** – Academic and research institutions and S&T organizations organizing local/international events for research capability enhancement and dissemination of research results.
 - **Researchers on Industry, Energy Emerging Technologies - Opening Opportunities for Learning (RIEETOOL)** – Researchers, scientists, engineers (RSEs), faculty, students and project personnel of academic and research institutions for attendance and conduct of trainings of specific skills needed for development of research capabilities.
 - **Providing Resources, Opportunities and Support for Project-based Personnel and Researchers (PROSPER)** – Project personnel working under a PCIEERD-funded and –monitored R&D projects who wish to pursue or complete their graduate studies while participating and being involved in the R&D project and with a thesis or

- dissertation proposal should be aligned with the R&D project. The R&D project should have at least six (6) months project implementation upon approval of the grant.
- **Balik Saliksik Program** – New PhD graduates of foreign universities that will start a research laboratory in a local university through an R&D project to jumpstart the activities. Priority is given to returning researchers in the regions and those recommended by the PCIEERD Regional Consortia.
- b. **ExpertISE** – Researchers from academic and research institutions who are member of the PCIEERD Consortia with the needed expertise to provide solutions, through development of project/s, in addressing the identified gaps and challenges of the industry in the region.
- c. PCIEERD Regional Consortia

How to apply

1. Applications/proposals using the prescribed format (DOST Form 3 and DOST Form 1- for Balik Saliksik program) must be submitted in the E-proposal portal at <http://dpmis.dost.gov.ph> from **November 15 to December 31, 2021**. Documentary requirements must also be uploaded in the said portal. A notification will be issued to eligible entities whose applications/proposals have been evaluated and preliminarily recommended for award.
2. A DOST-PCIEERD Project Manager will be assigned to each project proponent to provide guidance in the review/evaluation of the application/proposals. A notification will be issued to eligible entities whose applications/proposals have been evaluated and recommended for funding.
3. Proposal and Submission Information

a. Proposal Format

Applicants shall follow the **DOST GIA Proposal Form 3 – Non R&D** below which will be accomplished in the e-Proposal portal at dpmis.dost.gov.ph. Instructions for submission are also available in this site. **DOST R&D Form 1 – R&D to be used if applying for the Balik Saliksik program.**

I. Project Title

Refers to the Title of the research project or activity and also HRDP component being applied for, as identified in Section A of this announcement.

II. Project Leader-

refers to applicant/proponent with contact details email/mobile number

Agency - the Department/College/institution/organization of the Project Leader.
Address/Telephone/Fax/Email – Contact information of the applicant/proponent

III. Cooperating Agency/ies

May refer to the following:

- a. Host institution and/or mentor for Visiting Expert, Research Attachment/Fellowship, Laboratory and Research Equipment Grant
- b. Name of Organizer for Presentation of Scientific Outputs in Conferences, Symposia, Fora, Seminars or Conduct of Seminars, Conferences, Workshops
- c. Name of Journal for Publication of Scientific/Research Papers in Scientific/Technical Journal
- d. Training institution/Provider for RIEETOOL
- e. Delivering Institution or University to enroll for PROSPPER

IV. Site/s of Implementation

Location/s or venue where the activity will be conducted. Indicate municipality, district, province, and region.

V. Project Duration

Refers to the duration and date of the activity or project being proposed

VI. Total Project Cost

Refers to the total proposed budget being requested.

HRDP - The following are the entitlements per component to be indicated under MOOE:

a. Visiting Expert Program

Foreign	Local
Transportation expenses (most economical and direct route)	Transportation expenses (most economical and direct route)
Honoraria of Php10,000/day	Honorarium based on DOST DBM Joint Circular No. 1, 2013, item 5.2

b. Research Attachment

- Actual travel expenses (most direct and economical route)
- Travel insurance
- Registration/Tuition fee
- Living allowance or Daily subsistence allowance
- Laboratory fee, equipment rental, testing, consumables, printing expenses
- Honorarium for host researcher (for local research attachment)
- Medical insurance and incidental expenses (for foreign research attachment)

c. DOST FLAG

- Outright research subsidy up to Php250,000 to cover testing and analyses fees.

d. Presentation of Scientific Outputs in Conferences, Symposia, Fora and Seminars

- Registration/Conference fee
- Actual travel expenses (most direct and economical route)
- Daily subsistence allowance
- Incidental expenses for foreign

e. Publication of Scientific/Research Papers in Scientific/Technical Journals

- Registration/Publication fee

f. Conduct of Conferences, Seminars and Workshops

(Maximum grant: PhP200,000)

- Honoraria of speakers based on DOST Guidelines (TOR required)
- Transportation of speakers and local participants
- Accommodation of speakers and local participants
- Supplies and materials for the preparation of course materials
- Printing of proceedings
- Printing of promotional and informational materials
- Communication expenses
- Subscription expenses for online platform, such as zoom, etc.

g. Researchers on Industry, Energy Emerging Technologies - Opening Opportunities for Learning (RIEETOOL)

Attendance to Trainings

- Registration/Conference fee
- Actual travel expenses (most direct and economical route)
- Daily subsistence allowance
- Incidental expenses for foreign

Conduct of Group Trainings (Maximum grant: PhP500,000)

- Honoraria of speakers based on DOST Guidelines (TOR required)
- Transportation of speakers and local participants
- Accommodation of speakers and local participants
- Supplies and materials for the preparation of training materials
- Printing of proceedings or training materials
- Printing of promotional and informational materials
- Communication expenses
- Subscription expenses for online platform, such as zoom, etc.
- Representation expenses (for meals during the training)

h. Providing Resources, Opportunities and Support for Project-based Personnel and Researchers (PROSPPER)

- Tuition and other school fees

- Monthly stipend
- Book allowance
- Transportation allowance
- Group insurance
- Thesis/Dissertation allowance

i. Balik Saliksik Program (Maximum grant: PHP2M)

- Research grant (same as R&D)

b. Documents to be submitted:

- Letter of Intent/Request and Endorsement

Together with the application/proposal, DOST-PCIEERD requires submission of a formal letter of intent/request from the applicant and an endorsement from the authorized head of organization. The authorized head of the organization will also be a principal signatory of their organization for the contract of award. The letter of Intent/Request and Endorsement Letter should be addressed to:

DR. ENRICO C. PARINGIT

Executive Director, PCIEERD-DOST
5th Level, Science Heritage Building, DOST Compound,
Gen. Santos Ave., Bicutan, Taguig City

- Endorsement from Head of Agency and/or University enrolled in
- Application form (Annex A)
- Additional documents per component (Select Supplementary Files)
 - a. Visiting Expert Program
 - Curriculum Vitae (CV) of the visiting expert
 - Endorsement from the head of the host/requesting institution (or at least Dean or equivalent)
 - Scheduled plan of activities
 - Terms of reference (TOR)
 - b. Research attachment
 - Detailed research proposal with plan of activities
 - Acceptance from host institution (at least Dean or equivalent)
 - Curriculum Vitae (CV)
 - c. DOST FLAG
 - Copy of the approved Thesis / dissertation / research proposal
 - Workplan
 - Curriculum Vitae (CV) with contact details
 - d. Presentation of Scientific Outputs in Conferences, Seminars, Workshops and Fora

- Formal acceptance of the paper for presentation from the organizer
 - Proof that conference is not predatory
 - Peer-reviewed full paper subject to quality review of technical division (for both paper and poster presentations) and e-copy of poster (for poster presentations)
 - Copy of evaluator's comments/review
 - Copy of conference/seminar/workshop programme
 - Curriculum Vitae (CV) with contact details
- e. Publication of Scientific/Research papers in Scientific/Technical Journals
- Certification that the same paper was not submitted for a similar grant
 - Formal acceptance of the paper for publication indicating the publication fee
 - Proof that journal is an ISI or Scopus-indexed journal
 - Peer-reviewed full paper, including abstract, subject to quality review of technical division. Reviewer's comments and evaluation must also be submitted
 - Curriculum Vitae (CV) with contact details
- f. Conduct of Conferences, Seminars, Workshops and Fora
- Terms of Reference (TOR) for speakers, support staff, and organizing committee
 - Tentative Programs of Activities
 - SEC-registration (for Scientific/Professional organizations), for first-timers
 - Curriculum Vitae (CV) with contact details
- g. **RIEETOOL**
- Attendance to Trainings***
- Formal acceptance and/or invitation from the host institution/training institution (at least Department Chair) or the organizer as the case may be
 - Copy of training programme
 - Curriculum Vitae (CV) with contact details
- Conduct of Group Trainings***
- Tentative Programs of Activities
 - Terms of Reference (TOR) for speakers, support staff, and organizing committee (for payment of honoraria)
 - SEC-registration (for Scientific/Professional organizations), for first timers
 - Curriculum Vitae (CV) with contact details
- h. **PROSPPER**
- Endorsement from the project leader of the PCIEERD-funded or – monitored project and certification that the scholarship expenses is not part of the approved project cost

- If employed, endorsement from employer indicating approval on the commitment of grantee to the scholarship grant
- Copy of contract, if employed by the project
- Research proposal on the proposed thesis/dissertation related to the R&D project with line-item-budget
- Admission or acceptance letter from the DOST-SEI delivering institutions
- Certification from the Graduate school stating the applicant is not a ASTHRDP or ERDT grantee
- Transcript of records and diploma/certificate of completion
- Plan of study approved by the graduate school
- Curriculum vitae with contact details
- Birth certificate
- Medical certificate

i. Balik Saliksik

- Endorsement from host institution
- Curriculum vitae with contact details

4. Applicants are required to submit proposals through the DOST **e-Proposals portal** before the Closing Date on **31 December 2021**. Applicants will receive automatic reply through email confirming receipt of proposals. Please be informed that DOST-PCIEERD will not accept proposals directly submitted to PCIEERD in hard or soft copy.

How we will assess your application

A. Review and Selection Process

Only applications/proposals from Eligible Entities that meet all of the Eligibility/ Qualification Requirements as stipulated in the PCIEERD Administrative Order No. 2021-001 "Revised Guidelines in the Implementation of the PCIEERD Human Resources Development Program," PCIEERD Administrative Order No. 2021-002 "Guidelines in the Implementation of the RIEETOOL" and DOST Guidelines for the Grants-in-aid Program of Department of Science and Technology and its Agencies. Applicants found ineligible for funding consideration as a result of the threshold eligibility review will be notified within 15 calendar days of the ineligibility determination.

All applications/proposals will be screened and evaluated by the HRIDD. Only those qualified will be endorsed to the PCIEERD Management Team for final recommendation/approval.

Contact

DOST-PCIEERD Project Managers are available to provide appropriate assistance to potential applicants interested in competing for this Call for Proposals. This may include assistance to potential applicants in determining eligibility of the applicant or the applicant's proposed project for funding, questions about administrative issues relating to the submission

of a proposal, and clarifications on the announcement.

Contacts:

Human Resources and Institution Development Division (HRIDD)

Dr. Ruby Raterta – ruby.raterta@pcieerd.dost.gov.ph

Ms. Marie Christie B. Santos – mbsantos@pcieerd.dost.gov.ph

Engr. Lynnel C. Olpot – lynnel.olpot@pcieerd.dost.gov.ph

Mr. Ruel A. Pili – rapili@pcieerd.dost.gov.ph

Additional information

PCIEERD Administrative Order No. 2021-001 "Revised Guidelines in the Implementation of the PCIEERD Human Resources Development Program,"

PCIEERD Administrative Order No. 2021-002 "Guidelines in the Implementation of the RIEETOOL"

DOST Administrative Order No. 011, Series of 2020, "Revised Guidelines for the Grants-in-Aid Funds of the Department of Science and Technology and its Agencies"

List any supporting documents you will provide

List any related content links