



28 April 2022

DR. VICENTE B. MALANO

Administrator
Philippine Atmospheric, Geophysical and
Astronomical Services Administration (PAGASA)
PAGASA Science Garden, Agham, Road Diliman
Quezon City

Dear **Dr. Malano**:

We would like to inform you that 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 Building the Capacity of Researchers, Scientists and Engineers (RSEs) for the Industry, Energy and Emerging Technology (IEET)**. Preference is given to researchers and/or institutions, who are new to the R&D ecosystem.

The said call is open from **April 15, 2022 to May 31, 2022**. The 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.

In this regard, we would like to request the posting of the said Call in your website and/or assistance in its dissemination by informing your partner institutions. Attached is the call document which includes the details of the requirements and criteria for evaluation.

For more details about the call, you may contact our project managers, Mr. Ruel Pili (rapili@pcieerd.dost.gov.ph), Mr. Russel S. Factor (russel.factor@pcieerd.dost.gov.ph), Ms. Mary Joy Zabala (maryjoy.zabala@pcieerd.dost.gov.ph), Engr. Lynnel Olpot (lynnel.olpot@pcieerd.dost.gov.ph), and Ms. Marie Christie Santos (mbsantos@pcieerd.dost.gov.ph) under Human Resources and Institution Development Division (HRIDD) headed by Dr. Ruby Raterta (ruby.raterta@pcieerd.dost.gov.ph), Chief SRS.

Very truly yours,


DR. ENRICO C. PARINGIT
Executive Director

/HRIDD

Philippine Council for Industry, Energy and Emerging
Technology Research and Development



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06 April 2022

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 Building the Capacity of Researchers, Scientists and Engineers (RSEs) for the Industry, Energy and Emerging Technology (IEET)**. 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 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**. Available slots: **7** Maximum grant: **PhP500,000**.

Priority for training are on **Quantum technology, Blockchain, Artificial Intelligence, Data Science** and other areas as identified in the PCIEERD R&D roadmaps.

For selected researchers from DOST-ASTI, ITDI, MIRDC only, Training on Additive Manufacturing with Machine Learning and Artificial Intelligence to be conducted under Dr. Rigoberto Advincula at the University of Tennessee, USA.

- 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. Available slots: **9** Maximum grant: **Actual scholarship privileges**
- c. **Support for New PhD Researchers (Balik Saliksik)** - This is open to **new PhD graduates** who have obtained their PhDs and whose specialization falls within the PCIEERD sectoral priority areas or the Harmonized National Research and Development Agenda within 3-5 years. Available slots: **4** Maximum grant: **PhP2M**
- 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. Available slots: **4** Maximum grant: **PhP100,000**
- 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. **Available slots: 8 Maximum grant: PhP100,000**

- f. **DOST Facilities and Laboratory Access Grant (FLAG)** – This is open 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, and others. PCIEERD will help researchers to have access to existing laboratories and facilities available. **Available slots: 2 Maximum grant: PhP250,000**
- g. **Visiting Expert Program** – This is open to institutions needing faculty/experts from another institution who possesses the required expertise not available in the host/requesting institution. **Available slots: 1 Maximum grant: PhP300,000**
- h. **Research Attachment** - This is open 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. **Available slots: 3 Maximum grant: PhP300,000**
- 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. **Available slots: 7 Maximum grant: PhP200,000**

Below is the call schedule:

| Timetable Activities | HRDP / ExperTISE |
|---|---------------------------------------|
| Announcement of Call for Proposal/ Applications | April 1-30,2022 |
| Opening of Call for Proposals/Applications | April 15-May 31, 2022 |
| Closing Date for Submission of Proposal | May 31, 2022 |
| Proposal Evaluation Period | June 1-27, 2022 GC – July 14, 2022 |
| Notification of Successful Applicants | July 15, 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. PARANGIT
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 | April 15, 2022 | 8:00 A.M. |
| Closing date | May 31, 2022 | 5:00 P.M. |
| Evaluation Period | 20 Working Days – HRDP | |
| Start of projects | July 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 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

The Full-Blown Proposal should fall as a non-research and development project.

This funding opportunity encourages the a) 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
- Research Attachment
- DOST Facilities and Laboratory Access Grant (FLAG)
- Presentation of Scientific Outputs in Conferences, Symposia, Fora, and Seminars
- Publication of Scientific/Research Papers in S&T journals
- Conduct of Seminars/Conferences/Workshops
- Researchers on Industry, Energy Emerging Technologies - Opening Opportunities for Learning (RIEETOOL)
- Providing Resources, Opportunities and Support for Project-based PErsoneel and Researchers (PROSPPER)
- Balik Saliksik Program

Who can apply

a. PCIEERD HRDP

- **Visiting Expert Program** – This is open to institutions needing faculty/experts from another institution who possesses the required expertise not available in the host/requesting institution.
- **Research Attachment** - This is open 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.
- **DOST FLAG** – This is open 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, 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 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.
- **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.
- **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.
- **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** - This is open to all new Filipino PhD graduates 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.

What we're looking for

The proposals/applications should cover the following:

- a. HRDP – The provision of grant for development of research capabilities of students (undergraduate and graduate), researchers, scientists and engineers (RSEs), and faculty from any academic and research institutions to avail the following components as described above:
 - Visiting Expert program
 - Research Attachment
 - DOST FLAG
 - Presentation of Scientific Outputs in Conferences, Symposia, Fora, and Seminars
 - Publication of Scientific/Research Papers in S&T journals
 - Conduct of Seminars/Conferences/Workshops
 - Researchers on Industry, Energy Emerging Technologies - Opening Opportunities for Learning (RIEETOOL)
 - Providing Resources, Opportunities and Support for Project-based Personnel and

Researchers (PROSPPER)

- Balik Saliksik Program

Any Filipino who maybe students (undergraduate and graduate), researchers, engineers and faculty from any academic and research institution with proven competence may apply for GIA support of DOST-PCIEERD and its grant-giving units, provided that application/projects fall under the specific priority research areas with overall goal to benefit Filipinos.

How to apply

1. Applications/proposals using the prescribed format (DOST Form 3) must be submitted in the E-proposal portal at <http://dpmis.dost.gov.ph> from **April 15 to May 31, 2022**. 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 Format – 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. R&D Format to be used if under 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 RIETOOL
- 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 program
- 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 May 2022**. 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
Mr. Russel S. Factor – russel.factor@pcieerd.dost.gov.ph
Ms. Mary Joy A. Zabala – maryjoy.zabala@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 RIETTOOL"
PCIEERD Administrative Order No. 2021-006 "Guidelines in the Implementation of the Providing Resources, Opportunities and Support for Project-based Personnel and Researchers (PROSPPER)"
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