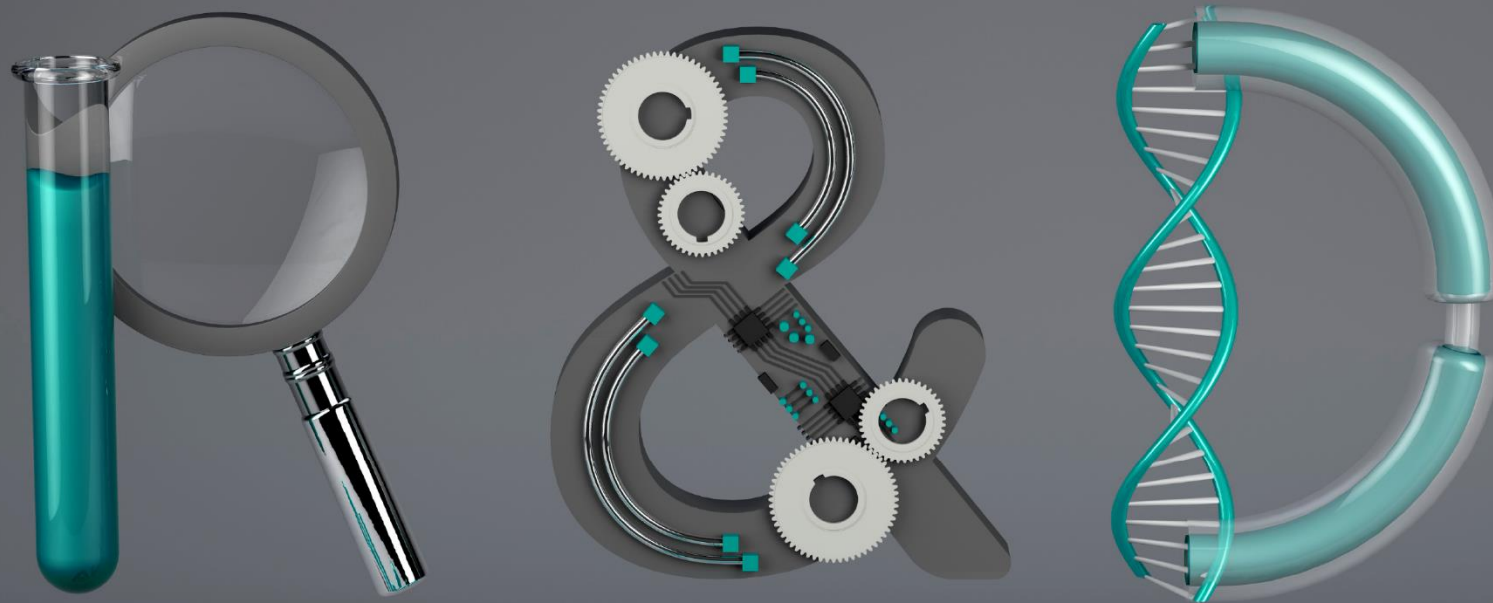




PHILIPPINE COUNCIL
FOR INDUSTRY, ENERGY,
AND EMERGING TECHNOLOGY
RESEARCH AND DEVELOPMENT
(DOST-PCIEERD)

OUTSTANDING



AWARDS'18

FOR INDUSTRY, ENERGY, AND EMERGING TECHNOLOGY

A black and white photograph of a microscope, showing the objective lens and eyepiece, positioned over a slide with a specimen.

What is a PCIEERD Outstanding R&D Award?

The award given to recognize outstanding completed R&D projects in Industry, Energy, and Emerging Technology done in the Philippines by a Filipino individual/ group.

A vertical black and white photograph of a microscope, showing the objective lens and stage area.

Who can join the competition?

The competition is open to all Filipino scientists, researchers, and engineers from universities and colleges, R&D institutions, and private industries doing R&D work in the following sectors:

A black and white photograph of a microscope, showing the objective lens and stage area.

Sectoral Coverage

1. Industry



Process



Metals & Engineering



Chemicals



Mining and Minerals






Food Processing

A vertical black and white photograph of a microscope, showing the objective lens and stage area.

Sectoral Coverage

2. Energy, Utilities & Systems

-  Alternative Sources of Energy
-  Energy Efficiency
-  Transportation

Sectoral Coverage

3. Emerging Technology



Materials Science/Nanotechnology



Genomics/Biotechnology



Information & Communications Technology



Space Technology Applications



Photonics



Electronics & Semiconductor

Sectoral Coverage

4. Special Concerns



Climate Change Adaptation



Disaster Risk & Reduction Management



Environment

A vertical black and white photograph of a microscope on the left side of the slide. The microscope's objective lens and eyepiece are visible, with some technical markings like 'FLN', '4', '13', and 'FN26.5' on the lens barrel. It is positioned over a slide with a small specimen.

Mechanics of the competition

- 1** The R&D project should have been conducted mainly in the Philippines and completed between January 2015 to December 2017.
- 2** Submission of entries should follow prescribed format downloadable at **www.tinyurl.com/rdawards18**.
- 3** Entries should be submitted not later than January 31, 2018.

A black and white photograph of a microscope, showing the objective lens and eyepiece, positioned on the left side of the slide.

Mechanics of the competition

- 4** Entries will be screened accordingly.
- 5** Finalists will be notified for presentation to Board of Judges.
- 6** All entries will be treated with utmost confidentiality.
- 7** The decision of the Board of Judges is final and irrevocable.
- 8** The Board of Judges has the right not to declare any winner in case the minimum requirements set by the Board of Judges are not met.

A black and white photograph of a microscope, showing the objective lens and stage. The lens has text on it: "PlanFLN", "4", "13", and "FN26.5".

Prizes

A winner from each category (1) Industrial Technology, (2) Energy, Utilities & Systems, (3) Emerging Technology and (4) Special Concerns, will receive a plaque and a cash prize amounting to **PhP 300,000.00** (net of tax).

All finalists are entitled to receive a cash prize amounting to **PhP 30,000.00** (net of tax)

A black and white photograph of a microscope, showing the objective lens and eyepiece, positioned over a slide with a specimen.

Criteria for Judging

- 1 Scientific soundness/technical rigor
- 2 Overall impact of research
- 3 Creativity & originality of work
- 4 6Ps output

For further details, visit **www.tinyurl.com/rdawards18**

Past Winners



INDUSTRIAL TECHNOLOGY– Process Establishment of Radiation Dose for Quarantine Treatment of Mango Pulp Weevil, *Sternochetus frigidus* (F.) in Philippine Super Mango

Glenda B. Obra
Sotero S. Resilva
Dr. Louella Rowena
DJ Lorenzana
(PNRI)

Past Winners



ENERGY, UTILITIES AND SYSTEMS - Transportation

Rapid Electric Vehicle Charging: Charging in Minutes (CharM)

Nino Christopher Ramos

Lew Tria

Leo Allen Tayo

Emmanuel Brian Arceo

Raphael Victor Canseco

Billy Joel Esquivel

Karl Lyndon Pacolor

(UP Diliman)

Past Winners

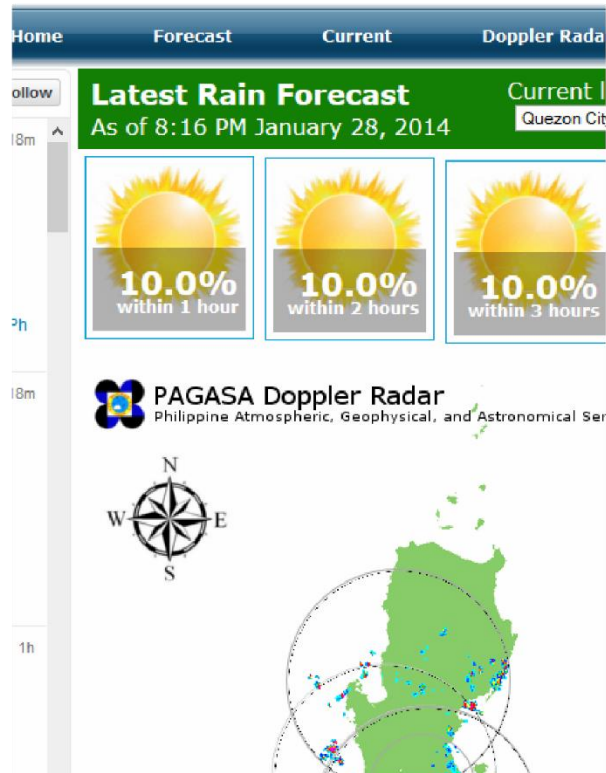


EMERGING TECHNOLOGY- Biotechnology

A Semi-automated Method for Species Identification in Early Stages of Mud Crabs (*Scylla* spp.)

Chona Camille E. Vince Cruz
Dr. Ma. Carmen Ablan- Lagman
(De La Salle University)

Past Winners



SPECIAL CONCERNS – DRRM

Climate X: Providing accurate rainfall forecasts for the Philippines

Dr. Carlos Primo C. David

Bernard Alan B. Racoma

Irene A. Crisologo
(UP Diliman)

A black and white photograph of a microscope, showing the objective lens and eyepiece, positioned over a slide with a specimen.

For inquiries, contact:

Nonilo A. Peña

Chair, R&D Awards Committee

Philippine Council for Industry, Energy, and Emerging
Technology Research and Development (PCIEERD)
5th Floor, Science Heritage Bldg., DOST Science
Compound, Gen. Santos Ave., Bicutan, Taguig City

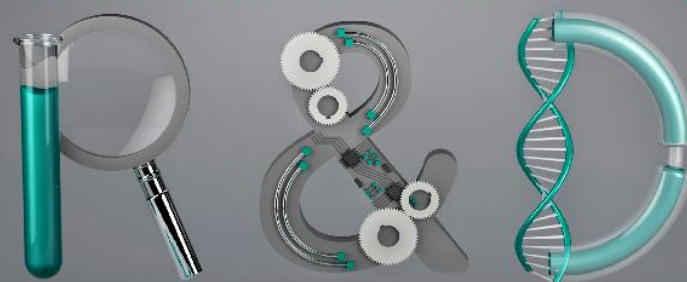
Phone: (02) 837-2935

E-mail: pcieerd.rdawards@gmail.com



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AWARDS'18

FOR INDUSTRY, ENERGY, AND EMERGING TECHNOLOGY

One winner from each category will receive a cash prize of ₱ 300,000!

WHAT IS R&D AWARDS

The award is given to recognize outstanding completed Research and Development(R&D) project in Industry, Energy, and Emerging Technology done in the Philippines by a Filipino individual/group.

WHO CAN JOIN

The competition is open to all Filipino scientists, researchers, and engineers from universities and colleges, R&D institutions, and private industries doing R&D within the PCIEERD Sectoral Coverage.

The R&D project should have been conducted mainly in the Philippines and completed between January 2015 to December 2017.

HOW TO SUBMIT

- Use the prescribed format downloadable at www.tinyurl.com/rdawards18.
- Submit to pcleerd.rdawards@gmail.com not later than 31 January 2018.
- All entries will be treated with utmost confidentiality.

CATEGORIES

1 Industrial Technology

- Process
- Chemicals
- Mining and Minerals
- Metals and Engineering
- Food Processing

2 Energy, Utilities & Systems

- Alternative Sources of Energy
- Energy Efficiency
- Transportation

3 Emerging Technology

- Materials Science/Nanotechnology
- Electronics & Semiconductor
- Information & Communication Technology
- Biotechnology/Genomics
- Photonics
- Space Technology Applications

4 Special Concerns

- Climate Change Adaptation
- Disaster Risk Reduction and Management
- Environment

For inquiries, contact:

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5th Floor, Science Heritage Bldg., DOST Science Compound, Gen. Santos Ave., Bicutan, Taguig City
Phone: (02) 837-2935
E-mail: pcleerd.rdawards@gmail.com

For further details, visit www.tinyurl.com/rdawards18

BROUGHT TO YOU BY THE:
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FOR INDUSTRY, ENERGY AND EMERGING TECHNOLOGIES (DOST-PCIEERD)