

# **From Labs to Lives: Building R&D Capacities and Opportunities for Sustainable Recovery**

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Executive Director, DOST-PCIEERD

29 June 2021



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

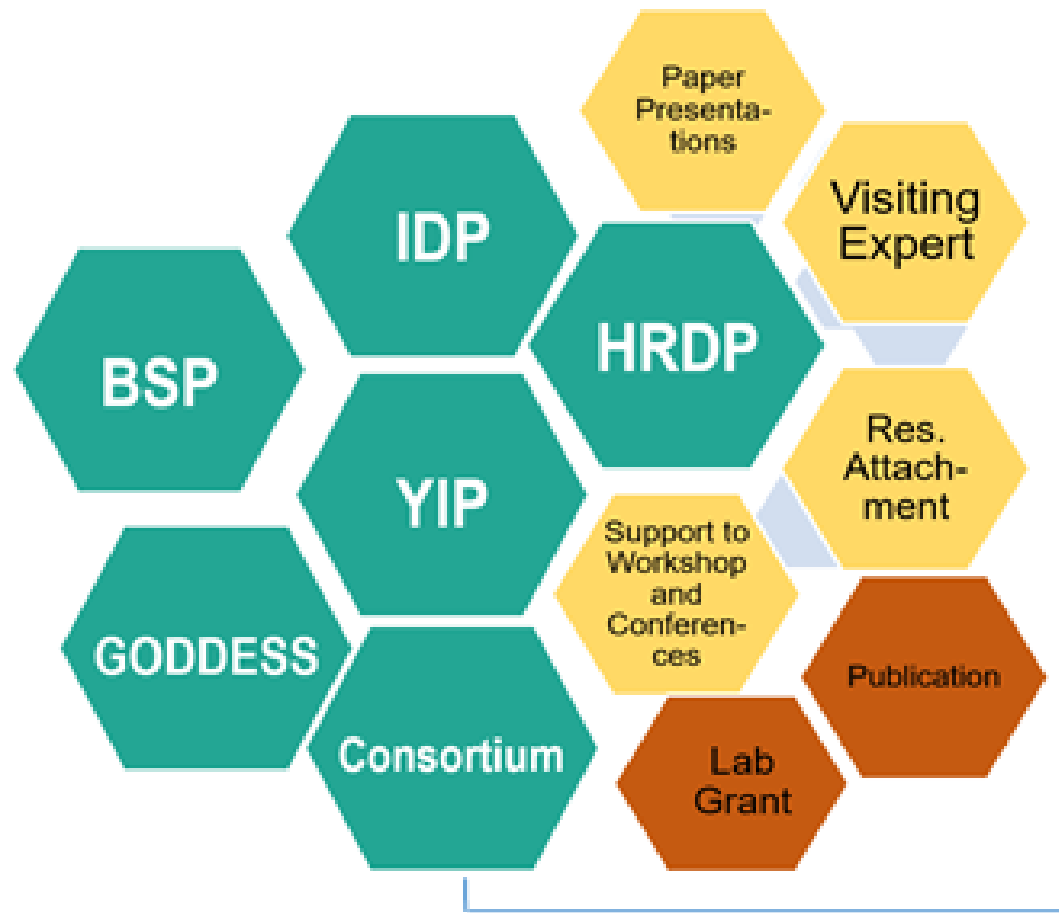
**INNOVATION COUNCIL**  
FOR INDUSTRY, ENERGY AND EMERGING TECHNOLOGIES (DOST-PCIEERD)







# Human Resource and Institution Development Programs



## PROSPPER

Providing **R**esources, **O**pportunities and **S**upport for **P**roject-based **P**ersonnel and **R**esearchers (PROSPPER)

## RIEETOOL

**R**esearchers on **I**ndustry, **E**nergy, **E**merging **T**echnologies – **O**pening **O**pportunities for **L**earning (RIEETOOL)

## EXPERTISE

**E**xpert **I**ntervention for **S**cientific **E**ngagement (ExpertISE) Program for PCIEERD Regional Consortia

## RRI / REGIONAL CONSORTIA

**R**egional **R**esearch **I**nstitution

## NEW PROGRAMS



DEPARTMENT OF SCIENCE AND TECHNOLOGY  
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# Human Resources Development Program (HRDP)

## *Young Innovators Program*



### ***Balik Scientist Program***



Submit through the DPMIS portal <http://dpmis.dost.gov.ph>  
form **June 2 to July 23, 2021**

For more details, visit: <http://bit.ly/2021YIPCallForProposals>



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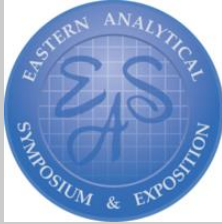









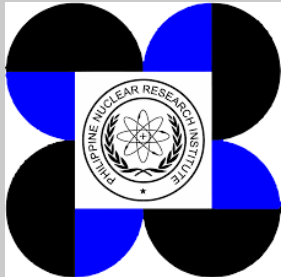







# List of 2020 BSP Grantees



















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#	2020 BSP Awardees	Affiliation	Host Institution
1 ST	  <p><b>Dr. Leonel M. Santos</b> Analytical chemistry, setting industry for specialty chemicals, quality assurance, and laboratory research</p>		
2 ST	  <p><b>Dr. Clodualdo M. Aranas, Jr.</b> Physical metallurgy, thermomechanical processing, alloy development, additive manufacturing</p>		 
3 ST	  <p><b>Dr. Carlito R. Aleta</b> Nuclear engineering and nuclear regulation</p>		
4 ST	  <p><b>Dr. Iderlina B. Mateo-Babiano</b> Transportation planning, urban design, and placemaking</p>		 






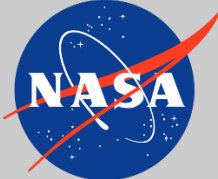






#	2020 BSP Awardees	Affiliation	Host Institution
5 <u>ST</u>	  <p><b>Dr. Engielle Mae R. Paguican</b> Volcanology, geomorphology, earth surface processes</p>		
6 <u>ST</u>	  <p><b>Dr. Myrna O. Nisperos</b> Technology transfer, food processing, packaging</p>		
7 <u>ST</u>	  <p><b>Dr. Lawrence A. Limjuco</b> Materials/polymer science</p>		
8 <u>LT</u>	  <p><b>Dr. Ramuel John I. Tamargo</b> Organic synthesis, green chemistry, nanotechnology</p>		



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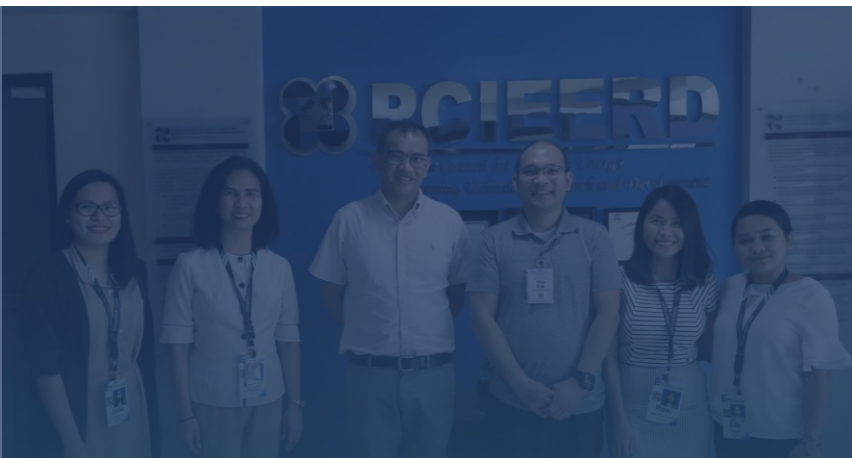
COUNCIL

FOR INDUSTRY, ENERGY AND EMERGING TECHNOLOGIES (DOST-PCIEERD)

#	2020 BSP Awardees	Affiliation	Host Institution
9 <u>MT</u>	  <p><b>Engr. Vicente E. DyReyes</b> Finite Element Analysis</p>	 	 
10 <u>ST</u>	  <p><b>Dr. Laurence L. Delina</b> Energy transition, sustainable development, and climate change</p>	 <p>THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY</p>	















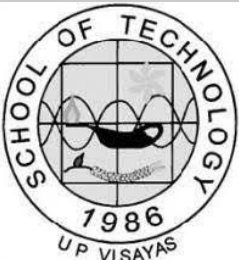


# List of 2021 BSP Grantees



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#	2021 BSP Awardees	Affiliation	Host Institution
1 <u>ST</u>	  <p><b>Dr. Christian Mark G. Salvador</b> Earth System Science</p>		 
2 <u>ST</u>	  <p><b>Dr. Felixberto A. Buot</b> Nanotechnology, Physics, and Quantum Transport</p>		
2 <u>ST</u>	  <p><b>Dr. Fernando M. Tesoro</b> Industrial Engineering and Big Data Analytics</p>		





# Human Resources Development Program (HRDP)



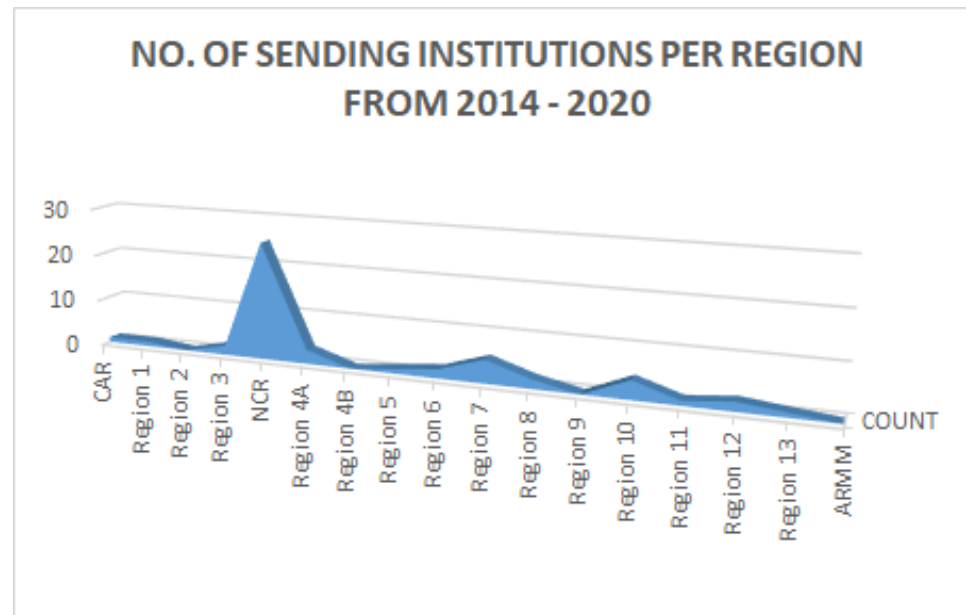
**Visiting Expert Program**



**Research Attachment**



**Paper Presentation in Conferences, Seminars, Trainings, Fora, Workshops or Attendance in Trainings**



*Number of Sending Institutions per Region from 2014-2020*

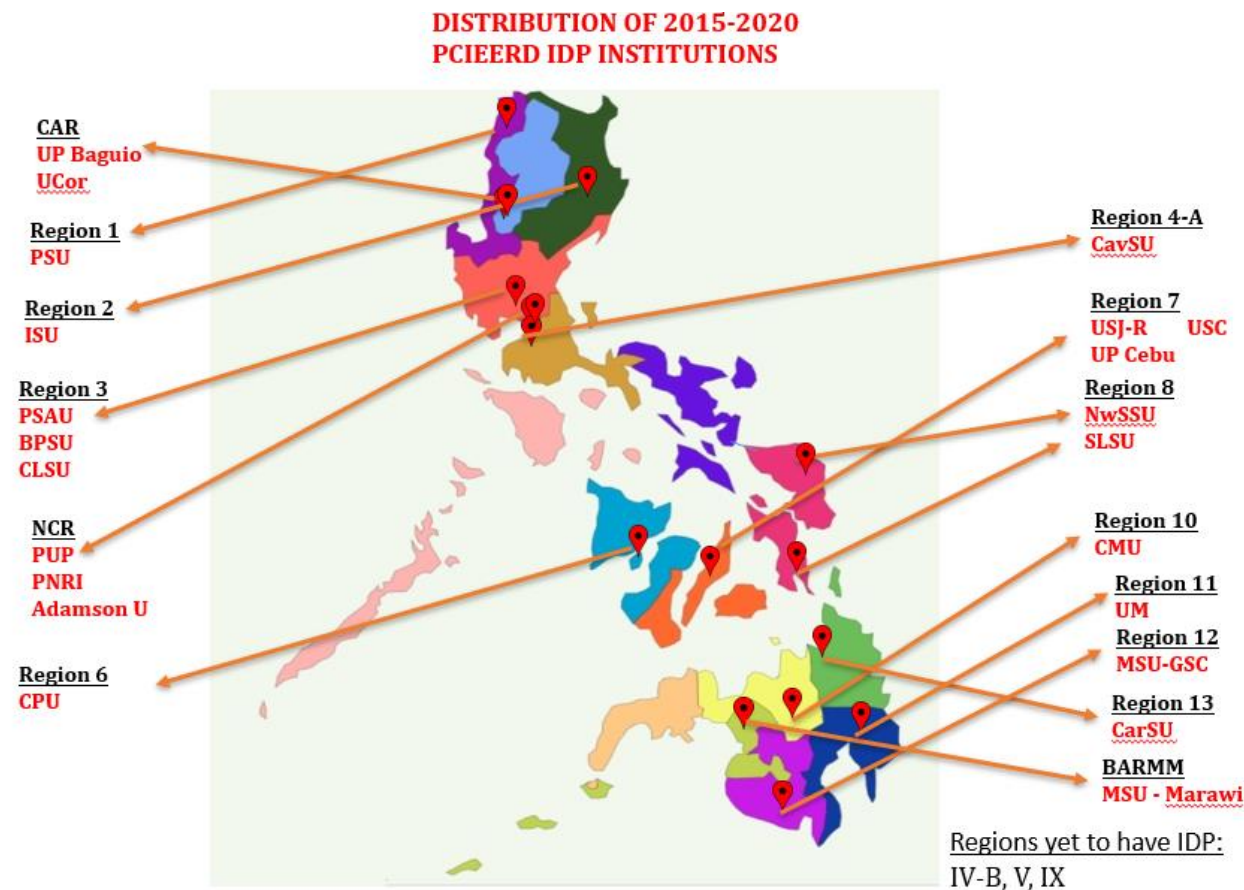


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# Institution Development Program (IDP)

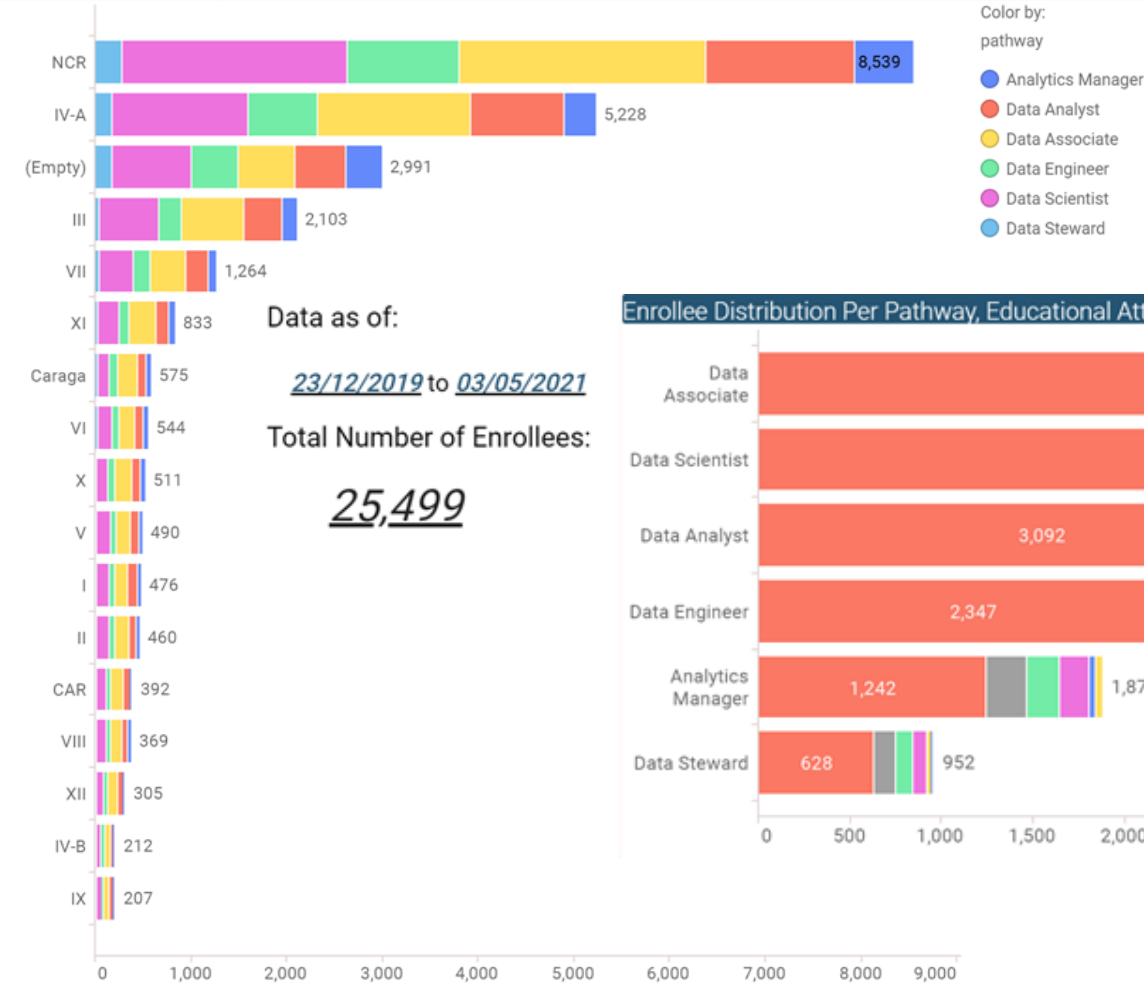
3D Printing Material	Laboratory		Institution	Region
Polymer	Additive Research (AMReL)	Manufacturing Laboratory	Bataan Peninsula State University (BPSU)	III
Ceramics	Establishment of the Additive Manufacturing Center for Industrial Ceramics (AMCeraM)		Adamson University (AdU)	NCR
Metals	Establishment of a Solid Free Form Research Laboratory (SoFFReL)		Pangasinan State University (PSU)	I





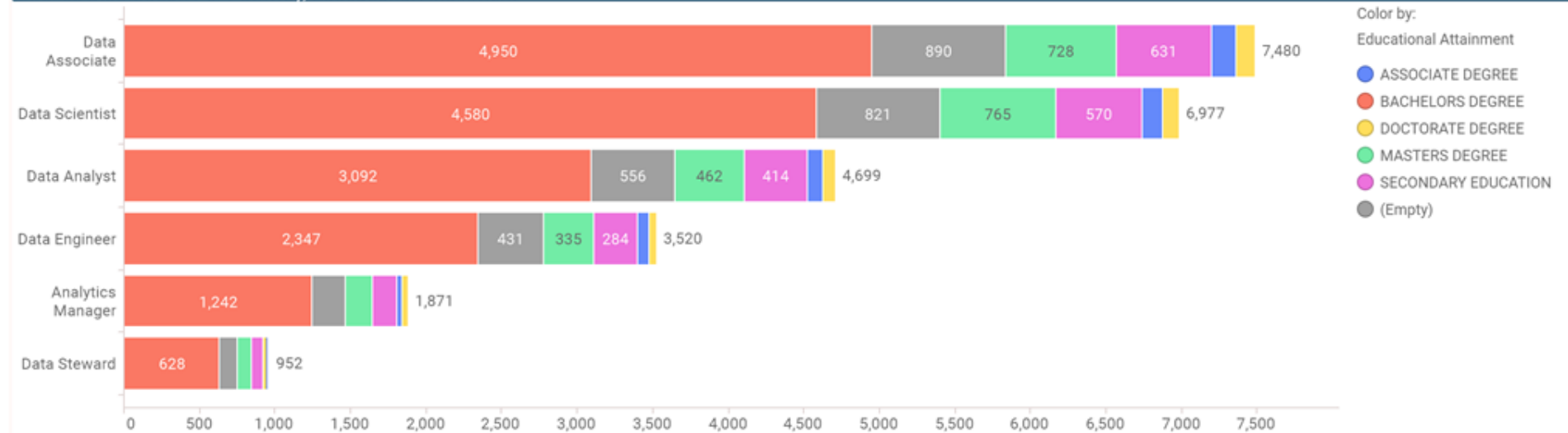
# Smarter Philippines through Data Analytics Research and Development, Training and Adoption (SPARTA)

Enrollee distribution by Region



Total Budget for Project SPARTA: ₱52,225,904.80

Enrollee Distribution Per Pathway, Educational Attainment



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CALL FOR PROPOSALS

# Capability Development Programs

- Human Resources Development Program (HRDP)
- Infrastructure Development Program (IDP)
- Good Governance through Data Science and Decision Support System (GODDESS)
- Regional Research Institution (RRI)

Deadline of Submission:

6 August 2021



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