

Updates on Research

BatStateU, DOST, NRCP host Research Caravan in CALABARZON



Participants from different SUCs and representatives from other government agencies and institutions together with DOST-NRCP and BatStateU personnel share a photo op at the end of the event

In partnership with Batangas State University, the Department of Science and Technology – National Research Council of the Philippines (DOST-NRCP) hosted the Regional Basic Research Caravan CALABARZON Region at BatStateU Pablo Borbon Main I on October 9-10.

In light of NRCP's celebration of its 85th founding anniversary, the council partnered with the BatStateU and DOST CALABARZON to host the research caravan in CALABARZON. Researchers from different SUCs and representatives from other government agencies and institutions in the region participated in the event.

Bearing the theme, "Nurturing Regional R&D Niches," the caravan is a nationwide initiative of NRCP in promoting and supporting research and innovation capabilities in the different institutions across the regions in the country.

During the opening ceremony, BatStateU President Dr. Tirso A. Ronquillo welcomed the participants and congratulated NRCP for spearheading the caravan, which he pertained to as a "forum of the intellectual capital of CALABARZON" since intellectual capital is the currency of the new millennium in the knowledge-based economy, according to Dr. Ronquillo.



DOST-CALABARZON Regional Director
Alexander R. Madrigal



DOST-NRCP president
Dr. Ramon A. Razal

Afterward, DOST CALABARZON Regional Director Dr. Alexander Madrigal shared an overview of the R&D Agenda of DOST-CALABARZON.

Meanwhile, VP for Research, Development and Extension Services and Head of BatStateU Center for Technopreneurship Engr. Albertson D. Amante presented the university's portfolio on research and innovations, showcasing the university's notable contributions, such as programs, projects, and accomplishments in advancing S& T from the past years up to date.

Other notable speakers include NRCP president Dr. Ramon A. Razal and NRCP Chief of Nuclear Services Division Dr. Preciosa Corazon B. Pabroa who both presented their NRCP-funded researches; Provincial Science & Technology Center (PSTC) Batangas Provincial Director Felina C. Malabanan; Batangas City Mayor representative Atty. Victor Reginald A. Dimacuja; NRCP Executive Director Marieta Bañez-Sumagaysay; Research Development and Management Chief of NRCP Dr. Ruby Raterta; and NRCP members Ms. Melinda L. Perez and Mr. Marify Lita. The caravan featured other significant activities including a workshop on the identification of local issues concerning the province to generate possible R & D projects and programs that can be implemented in the province, sharing of the practical guide to access Grants In-Aid (GIA) funds; and orientation on the online membership application for incoming NRCP members.

BatStateU hosts IRCIEST 4.0

Batangas State University hosted the 4th International Research Conference on Innovations in Engineering, Science and Technology, or the IRCIEST 4.0 on December 4-6.

Bearing the theme, "Disrupting the World through Innovation and Collaboration," the three-day activity served as a significant gathering of science and engineering professionals and academicians in the country and in other parts of the world who took part in the conference as plenary and master class speakers, paper presenters, and participants. Students from different academic institutions in CALABARZON also took part in the conference, particularly in the regional pitching competition.

Significant parts of the event included a series of plenary sessions, masterclasses, forums, paper presentations, the Industry Exhibit and Startup Showcase, and the Regional Pitching Competition.

Master Class *Speakers*

The plenary sessions and masterclasses both served as an international platform for in-depth discussions on the most innovative technologies, trends, and practices in specific disciplines in the areas of engineering, science, and technology through intensive lectures by invited local and international speakers.



Engr. ALFRED LOUE F. ORQUIA
Applications Engineer, TechSource



Dr. CELSO CO
Director, Research and Development
Management Office, Technological
Institute of the Philippines



Engr. FREDO CHAVEZ
Applications Engineer, TechSource



Ms. PAULA MILLS
CEO and Founder,
Academy of Entrepreneurs



Ms. BRENDA VALERIO
Program Manager,
New Energy Nexus Philippines

Plenary Session *Speakers*

The plenary sessions and masterclasses both served as an international platform for in-depth discussions on the most innovative technologies, trends, and practices in specific disciplines in the areas of engineering, science, and technology through intensive lectures by invited local and international speakers.



Engr. ERIC JUDE S. SOLIMAN
President and CEO, Hytec Power, Inc.



Mr. JOSEPH MARK R. AQUINO
President of Experts Academy



Dr. DAN LACHICA
President, Semiconductor and Electronics
Industries in the Philippines, Inc (SEIPI)



Mr. ERIC H. CHOW
Manager AP South, Dassault Systemes



Mr. RAY WU (via representative)
Country Manager, Hikvision Philippines



The Industry Exhibit and Startup Showcase featured a range of innovative products and services from various tech-based industries.

Industry Exhibit and Startup Showcase



Paper Presentation

A series of research paper presentations participated by various researchers, practitioners, and academicians were held simultaneous to the other activities of the event.



During the forum on the opportunities and challenges of Industry 4.0, participants were able to interact and engage in Q&A with the speakers regarding their topics discussed.

Forum on the Opportunities and Challenges of Industry 4.0



Regional Pitching Competition

The Regional Pitching Competition with the theme, "Innovations for Sustainable Development of SMART CITIES," served as a platform for students in showcasing start-up ideas to investors, mentors, and communities to pursue their potential opportunities in technology business commercialization and linkages.