

# PROGRAM

## 7<sup>th</sup> International Research Conference on Innovations in Engineering, Science, and Technology (IRCIEST)

*"Engineering the Future: Transformative Research for Global Advancement"*

Batangas State University, The National Engineering University,  
Batangas City, Philippines  
October 22-24, 2025

### OCTOBER 22, 2025 | DAY 1 - 7<sup>TH</sup> IRCIEST | BATSTATEU PABLO BORBON

<b>8:00 AM - 8:30 AM</b> GF, Jose Rizal Bldg.	<b>Registration</b>
<b>8:30 AM - 8:40 AM</b> Narra Hall, 5F, Jose Rizal Bldg.	<b>Opening Ceremonies</b> Invocation and National Anthem BatStateU Cultural Groups
<b>8:40 AM - 8:50 AM</b> Narra Hall, 5F, Jose Rizal Bldg.	<b>Welcome Remarks</b> <b>Dr. TIRSO A. RONQUILLO</b> University President BatStateU
<b>8:50 AM - 9:00 AM</b> Narra Hall, 5F, Jose Rizal Bldg.	<b>Acknowledgement of Participants and Introduction of the Guest of Honor and Speaker</b> <b>Engr. ALBERTSON D. AMANTE</b> Vice President for Research, Development and Extension Services Conference Chair, 7 <sup>th</sup> IRCIEST
<b>9:00 AM - 9:10 AM</b> Narra Hall, 5F, Jose Rizal Bldg.	<b>Message of Support</b> <b>Dr. RENATO U. SOLIDUM JR.</b> Secretary, Department of Science and Technology (DOST)
<b>9:10 AM - 9:50 AM</b> Narra Hall, 5F, Jose Rizal Bldg.	<b>Keynote Message:</b> <b>Dr. MUHAMMAD QASIM RANA</b> Senior Lecturer, University of the Built Environment <i>Topic: Transformative Research in the Age of the Fourth Industrial Revolution</i>
<b>9:50 AM - 10:00 AM</b> <b>Health Break</b>	
<b>10:00 AM - 11:10 AM</b> Narra Hall, 5F, Jose Rizal Bldg.	<b>Panel Session 1:</b> <b>Driving Industry Transformation: Automation and Robotics in the Age of Industry 4.0</b>
10:00 AM - 10:05 AM	<b>Opening &amp; Speaker Introduction</b>
10:05 AM - 10:20 AM	<b>Prof. Dr. NGUYEN QUOC HUNG</b> Director of Institute of Engineering, Ho Chi Minh City University of Technology (HUTECH) Topic: Robotics in Industry 4.0: Trends and Future Outlook
10:20 AM - 10:35 AM	<b>Engr. RENEL M. ALUCILJA</b> Director, Planning and Development Office, University of Southern Mindanao Topic: Machinery Development in the Philippines
10:35 AM - 10:50 AM	<b>Dr. ELMER JOSE P. DADIOS</b> Professor, De La Salle University Topic: Robotics and Artificial Intelligence in Energy Industry
10:50 AM - 11:10 AM	<b>Open Forum / Panel Discussion</b>
	<b>Moderators:</b> <b>Dr. PHAM THE ANH PHU</b> Lecturer, Ho Chi Minh City University of Technology (HUTECH)
	<b>Dr. LOUIE L. VILLAVERDE</b> Head, Manufacturing Research Center

11:10 AM - 1:00 PM		Lunch	
1:00 PM - 3:00 PM Session Rms 1-4 / Gym, 5F, Jose Rizal Bldg, & AVR, HEB	<b>Parallel Paper Presentations</b> <b>Session 1A: Food and Agriculture</b> Chair: <b>Prof. MARISSA P. BULONG</b> VP for Research, Development, Extension and Training, IFSU Moderator: <b>Assoc. Prof. ANGELICA A. MACALALAD</b> Faculty, College of Arts and Sciences, BatStateU PB  <b>Session 1B: Materials Science and Additive Manufacturing</b> Chair: <b>Dr. FAVAS T.K.</b> Associate Professor, IMU Moderator: <b>Assoc. Prof. RHONALYN V. MAULION</b> Department Chair, Department of Chemical Engineering, BatStateU  <b>Session 1C: Energy and Environment</b> Chair: <b>Dr. MIGUEL ENRIQUE MA. A. AZCUNA</b> Head, VIP CORALS - Nasugbu, BatStateU Moderator: <b>Asst. Prof. JOHN KEVIN M. DE CASTRO</b> Assoc. Dean for Program Development and Quality Assurance, COE, BatStateU Alangilan  <b>Session 1D: Engineering and S&amp;T Education</b> Chair: <b>Dr. EMIL C. ALCANTARA</b> Director, Curriculum and Instruction, BatStateU Moderator: <b>Ms. JAIKA ALMIRA R. AGENA</b> Head, Social Innovation Research Center, BatStateU  <b>Session 1E: Artificial Intelligence</b> Chair: <b>Dr. RALPH GERARD B. SANGALANG</b> Head, Electronic Systems Research Center, BatStateU Moderator: <b>Dr. JEFFREY S. SARMIENTO</b> Head, ICT Services, BatStateU Alangilan  <b>Session 1F: Disaster Risk Reduction and Management/ Climate Change Adaptation</b> Chair: <b>Dr. ALBERT C. VILLENA</b> Asst. Director, Disaster Risk Management and Health Research, BatStateU Moderator: <b>Engr. GERI TAGUIAN</b> College CQI Coordinator, CvSU  <b>Session 1G: Data Science and Analytics</b> Chair: <b>Dr. RYAN MANUEL D. GUIDO</b> Head, Data Science and Smart Analytics, RTU Moderator: <b>Dr. DARYL M. MAGPANTAY</b> Vice Chancellor for Research, Development and Extension Services, BatStateU PB	1:00 PM - 1:50 PM Narra Hall, 5F, Jose Rizal Bldg.  1:50 PM - 2:00 PM	<b>Plenary Session 1</b> <b>Assoc. Prof. TS. DR. NOR ERNE NAZIRA BINTI BAZIN</b> Associate Professor, Universiti Teknologi Malaysia <b>Topic: Applied Artificial Intelligence for a Sustainable Digital Future: Bridging Machine Learning Theory and Practice</b>  <b>Open Forum / Q&amp;A</b>
3:00 PM - 3:20 PM	Health Break	3:10 PM - 3:30 PM	Health Break
2:00 PM - 3:10 PM Narra Hall, 5F, Jose Rizal Bldg.  2:00 PM - 2:05 PM 2:05 PM - 2:20 PM 2:20 PM - 2:35 PM 2:35 PM - 2:50 PM 2:50 PM - 3:10 PM	<b>Panel Session 2: Shaping the Future: Data-Driven Insights and Entrepreneurial Ventures</b> <b>Opening &amp; Speaker Introduction</b> <b>Dr. JESSIE R. PARAGAS</b> MSIT Coordinator, Eastern Visayas State University <b>Topic: Socio-Technical Data Science: Community-Centered Analytics for Inclusive Innovation</b>  <b>Dr. LUU THANH TAN NGUYEN</b> Vice Dean of the Faculty of Marketing - International Business, Ho Chi Minh City University of Technology (HUTECH) <b>Topic: Technopreneurship Intentions among Vietnamese Students: A Behavioural and Policy Perspective</b>  <b>Dr.-ING. SYRUS BORJA GOMARI</b> Founder & CEO, Mobility Vision+ <b>Topic: Driving Innovation: Leveraging Data for Sustainable Urban Mobility Solutions</b>  <b>Open Forum / Panel Discussion</b>	Moderators: <b>Prof. YHEBRON J. LAGUD</b> Technology Business Incubator Manager, Jose Rizal Memorial State University  <b>Dr. MAYLEN F. EROA</b> Head, Budget, BatStateU, Alangilan	

## Parallel Paper Presentations

<p><b>3:20 PM – 5:40 PM</b> Session Rms 1-4 / Gym, 5F, Jose Rizal Bldg., &amp; AVR, HEB</p>	<p><b>Session 1A: Food and Agriculture</b> Chair: Dr. ROSENDA A. BRONCE Director, Research, BatStateU</p> <p>Moderator: Mr. JOHN ERIC O. ESTRELLADO Director - RDIO, RTU</p> <p><b>Session 1B: Materials Science and Additive Manufacturing</b> Chair: Engr. REJIE C. MAGNAYE Assistant Director, Industry, Energy and Emerging Technology Research, BatStateU</p> <p>Moderator: Dr. SHARONA Q. BARROGA Dean, College of Engineering, MMSU</p> <p><b>Session 1C: Energy and Environment</b> Chair: Dr. CRISTINA AMOR M. ROSALES Dean, College of Engineering BatStateU Alangilan</p> <p>Moderator: Assoc. Prof. AMOR P. MAGTIBAY Head, Environmental Management Unit, BatStateU PB</p> <p><b>Session 1D: Engineering and S&amp;T Education</b> Chair: Dr. JAKE M. LAGUADOR Graduate School Dean, BICAST Moderator: Prof. GERALDINE C. ALVINA REPED Director, BICAST</p> <p><b>Session 1E: Biochemistry and Molecular Biology</b> Chair: Dr. BRYAN JOHN A. MAGOLING Head, Material Testing and Calibration Center Director, Research Management Services, BatStateU</p> <p>Moderator: Dr. JOSHUA M. VACARIZAS Asst. Director, Agriculture, Aquatic and Natural Resources Research, BatStateU</p> <p><b>Session 1F: Disaster Risk Reduction and Management/</b> <b>Climate Change Adaptation</b> Chair: Engr. ERWIN RAFAEL D. CABRAL Head, GIS Applications Development Center, BatStateU</p> <p>Moderator: Dr. JEFFREY C. ARRIETA Dean, College of Criminal Justice Education, BatStateU PB</p> <p><b>Session 1G: Data Science and Analytics</b> Chair: Dr. ROWELL M. HERNANDEZ Head, External Affairs, BatStateU Alangilan</p> <p>Moderator: Dr. ANTONETTE V. CHUA Program Chair, PhD Engineering Education Graduate School Coordinator, CoE BatStateU Alangilan</p>
<p><b>5:40 PM – 6:00 PM</b> Narra Hall, 5F, Jose Rizal Bldg.</p>	<p><b>Registration for the Conference Banquet</b></p>
<p><b>6:00 PM – 8:00 PM</b> Narra Hall, 5F, Jose Rizal Bldg.</p>	<p><b>Conference Banquet: "A Toast to Innovation and Progress"</b></p> <p><b>Welcome Message:</b> Dr. TIRSO A. RONQUILLO University President</p> <p><b>Acknowledgement of Co-Hosts</b></p> <p><b>Cultural Presentation</b> BatStateU Cultural Groups</p>

**OCTOBER 23, 2025 | DAY 2 - 7<sup>TH</sup> IRCIEST | DAY 1 - INNO.VENTA | BATSTATEU PABLO BORBON**

<p><b>8:00 AM – 9:00 AM</b> Narra Hall, 5F, Jose Rizal Bldg.</p>	<p><b>Registration</b></p>
<p><b>9:00 AM – 9:20 AM</b> Narra Hall, 5F, Jose Rizal Bldg.</p>	<p><b>INNO.VENTA</b> <b>Opening Ceremonies</b> <i>Doxology</i> <i>Philippine National Anthem</i> <i>Batangas State University, The National Engineering University Choral</i></p>
<p><b>9:20 AM – 9:30 AM</b> Narra Hall, 5F, Jose Rizal Bldg.</p>	<p><b>INNO.VENTA</b> <b>Opening Message</b> Dr. NAPOLEON K. JUANILLO, JR. Assistant Secretary for Technology Transfer, Communications &amp; Commercialization, Department of Science and Technology (DOST) <i>"Unveiling Inno.Venta 2025: The Innovation Marketplace of Tomorrow"</i></p>
<p><b>9:30 AM – 9:50 AM</b> Narra Hall, 5F, Jose Rizal Bldg.</p>	<p><b>INNO.VENTA</b> <b>Welcome Messages</b></p> <p>Dr. TIRSO A. RONQUILLO President, Philippine Association of State Universities and Colleges (PASUC) and Batangas State University, The National Engineering University</p> <p>Hon. VILMA SANTOS-RECTO Governor, Province of Batangas</p> <p>Hon. MARIO VITTORIO "MARVY" A. MARIÑO Mayor, Batangas City</p>
<p><b>9:50 AM – 10:20 AM</b> Narra Hall, 5F, Jose Rizal Bldg.</p>	<p><b>INNO.VENTA</b> <b>Keynote Addresses</b></p> <p>Hon. RENATO SOLIDUM, JR. Secretary, Department of Science and Technology (DOST) <i>Innovation Economics: Building Filipino Prosperity Through Science and Technology</i>"</p> <p>Hon. FREDERICK D. GO Special Assistant to the President for Investment and Economic Affairs, Office of the President of the Philippines <i>"Innovation as Investment Strategy: Building the Philippines' Competitive Advantage"</i></p>

<p><b>10:20 – 11:20 AM</b> Narra Hall, 5F, Jose Rizal Bldg.</p>	<p><b>INNO.VENTA</b> <b>Tech Talks</b></p> <p><b>Dr. TEODORO M. GATCHALIAN</b> Undersecretary for Special Concerns, DOST “<i>Selling Science: Why Strong R&amp;D is the Basis of Commercial Success</i>”</p>		
<p><b>10:35 AM – 10:50 AM</b></p>	<p><b>Engr. SANCHO A. MABBORANG</b> Undersecretary for Regional Operations, DOST “<i>The Insurgent Innovation: Why Disruptive R&amp;D Begins at the Frontlines</i>”</p>		
<p><b>10:50 AM – 11:05 AM</b></p>	<p><b>Dr. JONEL P. SALUDES</b> Vice-President for Research and Global Relations, University of San Agustin “<i>Turning Academic Research into Market Reality: How Universities Can Win the Innovation Game</i>”</p>		
<p><b>11:05 AM – 11:20 AM</b></p>	<p><b>Dr. SHIRLEY C. AGRUPIS</b> Chairperson, Commission on Higher Education “<i>Research, Innovation, and Commercialization: The New Higher Education Paradigm</i>”</p>		
<p><b>11:30 AM – 12:00 PM</b> Gov. Leviste Memorial Multi-purpose Gym</p>	<p><b>INNO.VENTA</b> Ceremonial Opening of Exhibits <b>BETA LAUNCH of JUANAKNOW</b> Messages of Support:  <ul style="list-style-type: none"> <li>• Hon. MARIA CRISTIAN ALDEGUER-ROQUE – Secretary, Department of Trade and Industry</li> <li>• Atty. TERESO O. PANGA – Director-General, Philippine Economic Zone Authority</li> <li>• Atty. NATHANIEL AREVALO – Acting Director General, Intellectual Property Office of the Philippines</li> <li>• Engr. RAMON D. ESCUETA – Science &amp; Technology Chair, Philippine Chamber of Commerce &amp; Industry</li> </ul> </p>		
<p><b>12:00 NN – 1:00 PM</b> Narra Hall, 5F, Jose Rizal Bldg. &amp; HEB Ground Floor</p>	<p><b>7<sup>TH</sup> IRCIEST</b> Lunch</p>	<p><b>12:00 NN – 2:00 PM</b> 10F, Emilio Aguinaldo Bldg.</p>	<p><b>INNO.VENTA</b> Networking Lunch</p>
<p><b>1:00 PM – 3:00 PM</b> Session Rms 1-4 / Gym, 5F, Jose Rizal Bldg.</p> <p><b>Parallel Paper Presentations</b></p> <p><b>Session 2A: Food and Agriculture</b> Chair: Dr. JAYVEE A. SACO Head, VIP CORALS - Lobo Moderator: Dr. MARICEL G. DAYADAY Dean, USM</p> <p><b>Session 2B: Materials Science and Additive Manufacturing</b> Chair: Dr. LOUIE L. VILLAVERDE Head, MRC, BatStateU Moderator: Dr. ERIC R. HALABASO Chief, International Accreditation, MMSU</p> <p><b>Session 2C: Energy and Environment</b> Chair: Dr. RYNDYL V. AMORADO Dean, CICS, BatStateU Lipa Moderator: Assoc. Prof. ROSANA C. LAT VCRDES, BatStateU JPLPC-Malvar</p>	<p><b>1:00 PM – 2:25 PM</b> Narra Hall, 5F, Jose Rizal Bldg.</p> <p><b>Panel Session 3: “Innovations in Green Technologies: Addressing Emission Challenges for a Sustainable Future”</b></p> <p><b>1:00 PM – 1:05 PM</b> Opening &amp; Speaker Introduction</p> <p><b>1:05 PM – 1:20 PM</b> Dr. MAHAL B. ROSEL Planning Officer &amp; Futures Thinking Director, Forensic Chemistry Instructor, Publication Manager I Grants Manager, Jose Rizal Memorial State University <b>Topic: Mainstreaming GHG Emissions Awareness in Philippine Education: From Classroom Learning to Climate Action</b></p> <p><b>1:20 PM – 1:35 PM</b> Prof. Dr. A. SANKARAN Professor, Indian Maritime University <b>Topic: Innovations in Scrubber Technology: From Emission Control to Green Transformation in Shipping</b></p>	<p><b>1:30 PM – 2:00 PM</b> Function Hall, 10F, Emilio Aguinaldo Bldg.</p> <p><b>2:00 PM – 3:00 PM</b> Auditorium (5F), Higher Education Bldg.</p>	<p><b>Press Conference</b></p> <p><b>INNO.VENTA</b> Panel Discussion 1: “<i>From Dormant Patents to Unicorn Startups: Unleashing University Innovation</i>” Panelists: Atty. ALIZEDNEY M. DITUCALAN Chancellor, Mindanao State University – IIT</p> <p><b>Dr. PROSE IVY GUASA-YEPES</b> President, Visayas State University</p>

<p><b>1:00 PM – 3:00 PM</b> Session Rms 1-4 / Gym, 5F, Jose Rizal Bldg.</p>	<p>Session 2D: Engineering and S&amp;T Education/ Electronics and Semiconductor Chair: <b>Dr. FRANCIS G. BALAZON</b> VCRDES, BatStateU Lipa Moderator: <b>Ms. MARLEN A. RAMOS</b> Research Publication Director, CBSUA</p> <p>Session 2E: Data Science and Analytics Chair: <b>Dr. FROILAN G. DESTREZA</b> VCRDES, BatStateU ARASOF-Nasugbu Moderator: <b>Dr. LORISSA JOANA E. BUENAS</b> VCAA, BatStateU ARASOF-Nasugbu</p>	<p>1:35 PM – 1:50 PM</p> <p><b>Engr. THOMAS D. UBIÑA</b> Director, MMSU-Affiliated Renewable Energy Center, Mariano Marcos State University Topic: <i>Road To Net Zero Energy Building (NZEB): National Bioenergy Research and Innovation Center (NBERIC) Experience</i></p> <p><b>Assoc. Prof. Ts. Dr. HO WAI SHIN</b> Associate Professor, Universiti Teknologi Malaysia Topic: <i>Multi-objective Optimisation for Waste-to-Energy Planning towards Sustainability Development</i></p> <p><b>Open Forum / Panel Discussion</b> Moderators: <b>Dr. BRYAN JOHN A. MAGOLING</b> Director, Research Management Services, BatStateU</p> <p><b>Asst. Prof. JOHN KEVIN M. DE CASTRO</b> Associate Dean for Program Development and Quality Assurance, College of Engineering</p>	<p><b>2:00 PM – 3:00 PM</b> Auditorium (5F), Higher Education Bldg.</p> <p><b>Panelist:</b> <b>Dr. ROLYN C. DAGUIL</b> President, Caraga State University</p> <p><b>Dr. LUIS G. SISON</b> Program Leader, UPSCALE Innovation Hub, University of the Philippines</p> <p><b>Moderator:</b> <b>Atty. MIKE GERALD DAVID</b> Executive Director, Animo Labs, DLSU</p>	
<b>3:00 PM – 3:20 PM</b>			<b>Health Break</b>	
<p><b>3:20 PM – 5:20 PM</b> Session Rms 1-4 / Gym, 5F, Jose Rizal Bldg.</p>	<p><b>Parallel Paper Presentations</b></p> <p>Session 2A: Food and Agriculture/ Smart Manufacturing Chair: <b>Dr. ROMEL U. BRIONES</b> Campus Director, BatStateU Lobo Moderator: <b>Assoc. Prof. REYGAN SANGALANG</b> Dept. Chairperson, Undergraduate Programs CAS, BatStateU PB</p> <p>Session 2B: Materials Science and Additive Manufacturing Chair: <b>Dr. DONNALYN C. CABACES</b> Chairperson, Mechanical Engineering Dept., COE, BatStateU Alangilan Moderator: <b>Engr. ARLENE MIA G. RUGUAN</b> Department Chair, MMSU</p> <p>Session 2C: Marine Science Chair: <b>Dr. JOSHUA M. VACARIZAS</b> Asst. Director, Agriculture, Aquatic and Natural Resources Research, BatStateU Moderator: <b>Assoc. Prof. ANITA P. AQUINO</b> Head, Analytical Research Center, BatStateU</p> <p>Session 2D: Cybersecurity / Computer Vision Chair: <b>Dr. FRANCIS JESMAR M. MONTALBO</b> Special Administrative Assignment, CAIST, BatStateU Moderator: <b>Asst. Prof. JOHN RICHARD M. ESGUERRA</b> Head, CTI, BatStateU</p> <p>Session 2E: Health Sciences / Technopreneurship Chair: <b>ANA PHOLYN A. BALAHADIA-MORTEL,MD,FPASCOM</b> Asst. Director, Research Integrity and Assurance Moderator: <b>Ms. ANA MARIE A. BINALLA</b> Dean, College of Business and Entrepreneurship, BICAST</p>			
<p><b>6:00 PM – 8:00 PM</b> Narra Hall, 5F, Jose Rizal Bldg.</p>	<p><b>Awarding Ceremony</b> <b>- END OF DAY 2 -</b></p>	<p><b>6:00 PM – 8:00 PM</b> Narra Hall, 5F, JRizal Bldg.</p>	<p><b>Dinner Fellowship</b> <b>- END OF DAY 2 -</b></p>	

## OCTOBER 24, 2025

DAY 3 - 7 <sup>TH</sup> IRCIEST		DAY 2 - INNO. VENTA	
8:00 AM - 8:40 AM GF, Jose Rizal Bldg., BatStateU PB	Registration	08:00 - 09:00 AM Function Hall (5F), STEER Hub, BatStateU Alangilan	Registration
8:40 AM - 8:50 AM Narra Hall, 5F, Jose Rizal Bldg., BatStateU PB	Opening Ceremonies Invocation and National Anthem BatStateU Cultural Group	09:00 - 09:20 AM Function Hall (5F), STEER Hub, BatStateU Alangilan	Preliminaries
8:50 AM - 9:00 am	Recap of Day 1 and 2 (Video Presentation)	09:20 - 09:30 AM	Welcome Message <b>MS. EMELITA P. BAGSIT</b> Regional Director, DOST CALABARZON
9:00 AM - 9:50 AM Narra Hall, 5F, Jose Rizal Bldg., BatStateU PB	<b>Plenary Session 2</b> <b>Topic: People and AI: From Silicon Valley to the Philippines</b> <b>Mr. CHRISTOPHER PERALTA</b> Founder/CEO, Silicon Valley HQ Founder/CEO and President, Manila Valley	<b>09:30 - 10:30 AM</b> Function Hall (5F), STEER Hub, BatStateU Alangilan	<b>INNO. VENTA FORUM</b> <i>“Partnership for Propelling SUC Science-Based Technology Solutions from Lab to Market”</i> <b>Panelists</b> <b>Dr. RICMAR P. AQUINO</b> <i>Commissioner, Commission on Higher Education</i>  <b>Dr. MICHELLE AGUILAR-ONG</b> <i>Commissioner, Commission on Higher Education</i>  <b>Dr. MYRNA Q. MALLARI</b> <i>Commissioner, Commission on Higher Education</i>  <b>Reactor:</b> <b>Dr. TIRSO A. RONQUILLO</b> <i>President, Batangas State University, The National Engineering University</i>  <b>Dr. MARY JOYCE Z. GUINTO-SALI</b> <i>Chancellor, Mindanao State University-Tawi Tawi</i>  <b>Dr. PABLO RAFAEL</b> <i>Director for Business Development Division Central Luzon State University</i>  <b>Fr. JESURAJ ANTHONIAPPEN, SVD</b> <i>Vice President for Academic Affairs, University of San Carlos</i>
9:50 AM - 10:00 AM	Open Forum / Q&A	10:30 AM - 11:30 AM Auditorium (4F), STEER Hub, BatStateU Alangilan	<b>INNO. VENTA Panel Discussion 3:</b> <i>“Confessions of Startup and Spinoff Founders”</i> <b>Panelists:</b> <b>Dr. GONZALO “AI” SERAFICA</b> <i>Co-Founder and Vice President, Technology and Intellectual Property of Xylos Corporation</i>  <b>Dr. FRANCIS ALDRINE A. UY</b> <i>Founder, Universal Structural Health Evaluation and Recording System (USHER)</i>  <b>Dr. RAUL V. DESTURA</b> <i>Founder &amp; CEO, Manila HealthTek, Inc.</i>

10:00 AM - 10:15 AM	Health Break		<b>Mr. JAN VINCENT N. SOLLESTA</b> <i>President, Pharma GalenX Innovation Inc.</i>
10:15 AM - 11:25 AM <i>Narra Hall, 5F, Jose Rizal Bldg., BatStateU PB</i>	<b>Panel Session 4:</b> <b><i>"Building a Resilient Future: Sustainable Practices in Agriculture and Food Security"</i></b>	<b>10:30 AM - 11:30 AM</b> Auditorium (4F), STEER Hub, BatStateU Alangilan	<b>Mr. NOEL GARY E. DEL CASTILLO</b> <i>Founder, SeeYouDoc.</i>  <i>Moderator:</i> <b>Mr. QUINTIN JOSE V. PASTRANA</b> <i>President, WEnergy Power Pilipinas, Inc.</i>
10:15 AM - 10:20 AM	<b>Opening &amp; Speaker Introduction</b>		
10:20 AM - 10:35 AM	<b>Prof. BERNARD NIÑO Q. MEMBREBE</b> Research Director, Eastern Visayas State University <i>Topic: Challenges for a Sustainable Food Systems in the Philippines</i>		<b>Panel Discussion 4</b> <i>"Igniting Academe - Industry Connections"</i>  <b>Mr. SABIN M. ABOITIZ</b> <i>President and CEO, Aboitiz Equity Ventures</i>
10:35 AM - 10:50 AM	<b>Dr. EDWARD A. BARLAAN</b> Professor-Emeritus, University of Southern Mindanao <i>Topic: Crop and Microbial Genomics to Molecular Diagnostics: Delivering Impact to Farmers, Stakeholders, and Industry</i>	<b>11:30 AM - 12:30 AM</b> Auditorium (4F), STEER Hub, BatStateU Alangilan	<b>Mr. RAFAEL G. ONGPIN</b> <i>Executive Director, Makati Business Club</i>  <b>Dr. DAN LACHICA</b> <i>President, SEIPI</i>  <b>ENGR. RAMON D. ESCUETA</b> <i>Science and Technology Chair, Philippine Chamber of Commerce and Industry</i>
10:50 AM - 11:05 AM	<b>Dr. RICHELLE MAE D. MENDOZA-OLPOT</b> Assistant Professor, Cavite State University <i>Topic: Models on the Run: The Application of Mathematical Modeling to Food Process</i>		
11:05 AM - 11:25 AM	<b>Open Forum / Panel Discussion</b> Moderators: <b>Ms. CHERYL LYN C. AYUSTE</b> Deputy Director for Research, Development and Innovation Office, Rizal Technological University  <b>Dr. JAYVEE A. SACO</b> Head, Verde Island Passage Center for Oceanographic Research and Aquatic Life Sciences (VIP CORALS) - Lobo	<b>12:30 PM</b> Function Hall (5F), STEER Hub, BatStateU Alangilan	<b>The Scaffolding of Technology Transfer and Commercialization</b> <ul style="list-style-type: none"> <li>Official Launch of the Harmonized Technology Transfer and Commercialization Policy</li> </ul> <b>GUEST OF HONOR:</b> <b>Dr. IRENE DAL POZ</b> <i>Consultant &amp; Head of Impact Strategy Oxentia Ltd.</i>  <b>Dr. FABIO BIANCHI</b> <i>Consultant and Head of Entrepreneurship Oxentia Ltd.</i>

<b>12:00 NN – 1:00 PM</b> <i>Narra Hall, 5F, Jose Rizal Bldg., &amp; HEB Ground Floor, BatStateU PB</i>	<b>Lunch</b>	<b>12:30 - 1:30 PM</b> <i>Function Hall (5F), STEER Hub, BatStateU Alangilan</i>	<b>Networking Lunch</b>
<b>1:00 PM ONWARDS</b>	<p><b>City Tour (VIPs and Co-hosts)</b></p> <p>Venues:</p> <ul style="list-style-type: none"> <li>• Batangas City <ul style="list-style-type: none"> <li>◦ Museo puntong batangan</li> <li>◦ Plaza Mabini</li> <li>◦ Pasalubong Center</li> </ul> </li> <li>• BatStateU Alangilan <ul style="list-style-type: none"> <li>◦ KIST</li> <li>◦ STEER-Hub</li> </ul> </li> <li>• Pagkilatan <ul style="list-style-type: none"> <li>◦ Monte Maria</li> <li>◦ Conference Center</li> </ul> </li> <li>• Taal <ul style="list-style-type: none"> <li>◦ Church</li> <li>◦ Market</li> <li>◦ Pasalubong Center</li> </ul> </li> </ul>	<p><b>01:30 PM – 03:00 PM</b> <i>STEER Hub and KIST Park, BatStateU Alangilan</i></p> <p><b>02:00 PM - 05:00 PM</b> <i>Auditorium (4F), STEER Hub, BatStateU Alangilan</i></p> <p><b>6:00 PM onwards</b> <i>Sparta Symnasium BatStateU Alangilan</i></p>	<p><b>Immersion Tour:</b></p> <p><i>Science, Technology, Engineering and Environment Research (STEER) Hub and Knowledge, Innovation and Science Technology (KIST) Park</i></p> <p><b>Make or Break: The Ultimate Pitches : Inno.Venta Pitching Challenge</b></p> <p><b>Closing Program and Celebratory Dinner</b></p>

### OCTOBER 25, 2025 | DAY 3 - INNO. VENTA

9:00 AM – 12:00 NN

**Project Site Visit**  
*Batangas Province*

**- END OF CONFERENCE -**