ASIA OPEN RAN ACADEMY based in the Philippines
FOUNDING MEMBERS/PARTNERS aka ADVISORY COUNCIL

Institution & Contacts	About the Institutions
Asia e-Health Information Network Dr. Alvin Marcelo admarcelo@up.edu.ph	Asia eHealth Information Network is a collaboration of digital health advocates created by the World Health Organization in 2011 to help Asian countries with digital health development. AeHIN has a pool of health and IT professionals from South and Southeast Asia committed to promoting better use of ICTs to achieve better health. AeHIN is a nonprofit organization incorporated in Hong Kong and maintains a secretariat team in Manila, Bangkok, and Kuala Lumpur.
Central Visayas Information System Network (CVISNET) Jeffrey Llanto, Executive Director jllanto@gmail.com	The Central Visayas Information System Network (CVISNET) started as a project of the Department of Science and Technology (DOST) that evolved into an ICT Foundation. CVISNET is one of the pioneers in providing internet connection and services in the Philippines. CVISNET envisions supporting the government, NGO, and private organizations by delivering fast and efficient ICT services. CVISNET has been recognized and awarded by local and international organizations for its role in ICT development in the Philippines.
Institute of Electronics Engineers of the Philippines (IECEP) Mishell Lawas, Ph.D. Chair and President mishell_lawas@yahoo.com Jomer Catipon, VP Education jomercatipon.iecep@gmail.com	The Institute of Electronics Engineers of the Philippines (IECEP) mission is "to be the showcase of professional and technical development and the paradigm of excellence in applying the principles of electronics technology for the advancement of humanity." Organized in 1950, IECEP has 45 accredited chapters and 94,000 plus members. IECEP is a Continuing Professional Development (CPD) provider under Republic Act No. 10912 which requires CPD as the mandatory requirement for the renewal of a Professional Identification Card. IECEP's current Chairman of the Board and President is Dr. Mishel D. Lawas who is also the Vice-President for Academic Affairs at Mindanao State University, based in General Santos City.
Philippine Network Operators Group (PhNOG) Achie Atienza vbatienza@globe.com.ph	The PhNOG is a non-profit organization managed by a community of volunteers with the main objective of advancing the Internet ecosystem in the country. Its volunteers are representatives of various stakeholder groups and disciplines, including professionals, academe/students, research and development institutes, commercial entities, and public sector. Since 2017, PhNOG has conducted bi-annual conferences; the local major event following APRICOT during the first semester, and a regional initiative in the next half. These are envisioned as open and collaborative platforms for knowledge exchange and sharing of best practices. PhNOG strongly advocates for the continuing evolution of the local IP infrastructure while contributing to the global IP community development.

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Ateneo de Manila Dr. Raphael Guerrero Dean, School of Science & Engineering VP for Research, Development, and Extension Services	Ateneo de Manila University (AdMU) seeks "innovative and sustainable solutions to society's most pressing challenges. Rooted in its Filipino, Catholic, and Jesuit values, Ateneo will be a collaborative and engaged leader in the work of social transformation through education, formation, research, and social engagement." The research thrust of the School of Science and Engineering (SOSE) is Innovative leadership in science and technology in response to social, environmental, and health challenges. The Ateneo Department of Electronics, Computer, and Communications Engineering (ECCE) offers unique science-based and research-oriented engineering programs built on interdisciplinarity.
Ateneo de Zamboanga (ADZU) Louie Virgil Gallardo, Chair Engineering Department gallardoloua@adzu.edu.ph Eugene Kanindot, IT Services kanindoteugs@adzu.edu.ph	ADZU's vision is to be a leading University in Mindanao committed to peace and sustainable development. ADZU's mission extends to Zamboanga City and the six provinces of Zamboanga peninsula and the Western autonomous Region of Muslim Mindanao. ADZU offers an Associate in Electronics Engineering Technology focused on performing IT operations and maintenance and preparing for Computer and Electronics degree integration. ADZU has a Bachelor of Science in Electronics Communications Engineering for employment in electronics technology, communication protocol, and signal processing, developing electronic and communication products, systems, services, and processes. ADZU has a Bachelor of Science in Computer Engineering with hands-on experience in data communication and computer networks, embedded systems technology, and mobile applications technology. Laboratories that are being shared by the different programs include: Computer Laboratory; Circuits Laboratory; Electronics Laboratory; Communications Laboratory (antenna); Logic Circuits Laboratory; and Embedded Systems Laboratory. In additional, the department partners with the key industries and companies to give its students experience in real-world hands-on activities to complement what the students learn in the classrooms and in the laboratories.

De La Salle University (DLSU) Argel Bandala, Department Chair argel.bandala@dlsu.edu.ph Lawrence Materum lawrence.materum@dlsu.edu.ph Melchizedek Alipio melchizedek.alipio@dlsu.edu.ph	De La Salle University positions itself as a leader in molding human resources who serve the church and the nation. The University is a hub for higher education training renowned for its academic excellence, prolific and relevant research, and involved community service. DLSU Department of Electronics and Computer Engineering (DECE) is one of the largest departments in the Gokongwei College of Engineering at De La Salle University. Different laboratories have been established for each area of specialization. A number of specialized modern research equipment was acquired from the Department of Science and Technology through the Engineering and Science Education Program. The Research Center of the Department provides consultancy services to the industry, it also conducts industrially relevant research. During the starting phase, the Center identifies research areas that have elements of research, service, and development. The results from the research in an identified area should be available as a service to our local industry. Aside from undertaking collaborative research projects with industry, the Research Center of the ECE department also aims to train industry-oriented researchers and engineers through seminars or short course training.
University of the Philippines (EEEI) Jaybie de Guzman, Deputy Director, EEEI jaybie.de.guzman@eee.upd.edu.ph	The University of the Philippines (Electrical and Electronics Engineering Institute) EEEI has undergraduate programs in Computer Engineering, Electronics Engineering, and Electrical Engineering. The EEEI aim is to produce innovative engineers committed to serving the nation through the practice of the electrical and electronics engineering profession and its allied fields. UP EEEI graduate programs provide the country with a pool of highly qualified electrical and electronics engineers who carry out creative and challenging work in research, development, design, technology management, and university instruction. UP has 13 instructional laboratories and 13 research laboratories.
University of Santo Tomas (UST) Josyl Reyes jrreyes@ust.edu.ph Jehiel Santos dsantos@ust.edu.ph Albert Acosta atacosta@ust.edu.ph Michael Matias msmatias@ust.edu.ph	The University of Santo Tomas (UST) envisions to be a premier Catholic institution in engineering education, research, and innovation in the Asia-Pacific Region. The UST Faculty of Engineering offers six undergraduate engineering programs, including Bachelor of Science in Electronics Engineering (BS ECE). The UST ECE Department has laboratories focused on various related fields, electronics, communications, computer networking and research. Other educational laboratories shared with other engineering departments are for physics, chemistry and computers. In their final year, undergraduate students select a track where different elective courses are offered. Typically, the ECE Department offers three tracks including Information and Communications Technology (ICT), Instrumentation and Control (IC), and Microelectronics. The UST Graduate School (GS) offers postgraduate degrees such as Master of Science in Electronics Engineering (MS ECE), with courses taught by faculty members with PhD degrees from the ECE department. The MS program also includes three tracks, namely Communications, Microelectronics, and Instrumentation and Control.

Institution & Contacts	About the Institution
Kawing Innovations Maria Theresa SJ Perez, Treasurer & Corporate Secretary kawing.innovations@gmail.com	Kawing Innovations is a social enterprise that specializes in ICT technologies, with special focus on connecting the last mile through community networks. Kawing's competitive advantage is our expertise and applied experience in wireless communications, radio frequency (RF) design, software development, and community deployments.
Optel Donald R. Felbaum, Managing Director don@optel.info	Optel is an advisory firm that provides support to the Information and Communications Technology (ICT) Sector. OPTEL's experience includes a wide range of clientele including operators, vendors, service providers, and investors who are planning to either establish a presence or expand their business. Over the last twenty (20+) plus years, OPTEL has played a visible role in the development of both the Telecom Sector and the BPO Sector in the Philippines. In addition, OPTEL has provided various support services to the offshore and outsourcing (O&O) sector, including the publishing of a comprehensive IT-enabled services report.
TerraHertz Pilipinas Inc. Richard Matias, CEO info@terrahertz.net	Terra Hertz Pilipinas Inc. is a private entity that provides learning services and delivery on Wireless Telecommunications to different audiences, from students in the academe, fresh graduates, beginners, and professionals. It provides an enriched virtual, online, on-site, and on-demand workforce learning and training program that has helped countless students get ahead. Founded in 2019, Terra Hertz Pilipinas Inc. is a top Online Course Program provider. Their highly skilled instructors employ extensive professional expertise to teach winning strategies that put students on the fast track to proficiency. TerraHertz has about 16,000 followers.

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Department of Information and Communications Technology (DICT) Dennis Villorente denis.villorente@dict.gov.ph	The Department of Information and Communications Technology (DICT) shall be the primary policy, planning, coordinating, implementing, and administrative entity of the Executive Branch of the government that will plan, develop, and promote the national ICT development agenda. (RA 10844). Signed in October 2021, the DICT Circular on the ICT Academy institutionalized the ICT Academy as the training and career development arm of the DICT for ICT education and skills, the catalyst for the development of CIOs, and ICT academic research and development. The ICT Academy is directly managed by the ICT Literacy & Competency Development Bureau (ILCDB) at DICT. In addition to webinars, they offer premium courses, for which private sector participants pay slightly more than public sector participants.
Department of Science & Technology (DOST) Franz de Leon, Director corpcomm@asti.dost.gov.ph Bani Lara bani@asti.dost.gov.ph Philip Martinez philip.martinez@asti.dost.gov.ph	The DOST- Advanced Science and Technology Institute (ASTI) is mandated to perform the following functions: Scientific research and development in the advanced fields of Information and Communication Technology and Microelectronics; Undertake long-term research to strengthen and modernize science and technology infrastructure; Conduct research and development work in the advanced fields of ICT and microelectronics, and Complement the overall endeavor in the scientific field with intensive activities in the computer and information technologies. DOST – ASTI focuses its resources on the following programs: Information and Communications Technology R&D; Microelectronics R&D; Technology Transfer; and Space Technology. Recent efforts of DOST-ASTI in the fields of RF and Wireless research are the development of technology demonstrators for LTE Community Cellular Networks, continuing the gains from the Village Base Station Project of CHED-PCARI.

Institution & Contacts	About the Institutions
Smart Communications, Inc Joseph Lennart Olaivar JLOlaivar@smart.com.ph Jose Raphael Perez JSPerez1@smart.com.ph	Smart Communications, Inc. (Smart) is a wholly owned wireless communications and digital services subsidiary of PLDT, Inc., the Philippines' largest and only integrated telecommunications company. As of 2021, Smart serves approximately 96% of the country's cities and municipalities with its combined 2G, 3G, 4G LTE, and 5G network, providing mobile communications services, high-speed internet connectivity, and access to digital services and content to over 71.2 million Filipinos, supporting the country's growing digital economy, and providing the best customer experience for an increasingly digital Filipino lifestyle. Smart's vision is to lead and inspire Filipinos to create a better tomorrow and its mission is to empower Filipinos everywhere with customer-focused digital innovations that unlock and share their infinite potential.
Globe Gerhard Tan gptan@globe.com.ph Angelica Gonzales aanaguit@globe.com.ph Jessen Brown jessen.brown@globe.com.ph	Globe's corporate objective is "to bring pride and joy to Filipinos through our corporate vision, mission, and values" and to enrich lives through communication. Globe is not simply a telco company. Globe is an organization that creates and enables digital life for the Philippines, so Filipinos can access choices, overcome challenges, and discover new ways to enjoy life. Globe achieves this through obsessing about its customers, digitally transforming businesses, building the network of choice, and empowering its people. As a purpose- led organization, Globe Telecom seeks to create a wonderful world by combining innovation with the power of collaboration, to achieve inclusive and sustainable development for all. As the business continues to grow, the company strengthens its contribution to nation-building with an engaged and empowered workforce. Hinged on four (4) sustainability strategy pillars: Digital Nation, Care for the Environment, Care for People, and Positive Societal Impact, the company commits to contribute to ten (10) UN SDGs. In 2020, Globe had the highest mobile broadband market share (58 percent) over other service providers.
Samsung Philippines Fiona Rexienne Santiago Estoperez, Senior Professional/ R&D Strategy Group f.estoperez@samsung.com Rex Osseo, Collaboration Activities r.oseo@samsung.com Lynette Callanta, Collaboration Activities ml.callanta@samsung.com	Samsung follows a simple business philosophy: to devote its talent and technology to creating superior products and services that contribute to a better global society. To achieve this, Samsung sets a high value on its people and technologies. Samsung is fostering its industry partnerships to build a robust open RAN ecosystem. Samsung is an active participant in various open RAN industry collaboration initiatives – notably O- RAN Alliance and contributions to the creation of the xRAN Fronthaul specification. Samsung is committed to providing products to an ecosystem that delivers value to mobile operators. Samsung is one of the drivers of the Open Test and Integration Center.

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Institution & Contacts	About the Institutions
Parallel Wireless Eugina Jordan VP Marketing ejordan@parallelwireless.com Michelle Grens Senior Manager, Product Marketing mshelton@parallelwireless.com	Parallel Wireless's ALL G (2G, 3G, 4G, 5G) O-RAN compliant software platform has been deployed with global Mobile Network Operators from across six continents and forms an open, secure, and intelligent RAN architecture to deliver wireless connectivity, so all people can be connected whenever, wherever, and however they choose. For more information, visit: www.parallelwireless.com. Connect with Parallel Wireless on LinkedIn and Twitter.
Wireless Research Center (WRC) Dr. Gerard Hayes, CEO gerard.hayes@wrc Asokan Ram, Senior Architect asokan.ram@wrc	The Wireless Research Center (WRC), established in 2030, is an independent, private nonprofit research center and small business supporting wireless technology innovation. The WRC has the staff, tools, facilities, and experience to provide accelerated research, development, engineering, and testing of antenna, RF, and wireless technologies for clients. WRC is a pioneer in wireless technology which is our core business and strength. WRC has industry-standard RF phantoms (head, hand, and full body) for testing portable and wearables RF devices and antennas. The WRC fosters global collaboration among companies, industry groups, academic institutions, and other research organizations. A WRC economic development initiative is RIoT, a network of technologists, engineers, business leaders, academics, policymakers, and entrepreneurs for the Internet of Things (IoT).