

PAU-RA-2024-88

Republic of the Philippines  
**Department of Education**  
REGION IV-A CALABARZON

July 3, 2024

In compliance with DepEd Order (DO) No. 8 s. 2013  
this advisory is issued not for endorsement per DO 28, s. 2001  
but only for the information of DepEd officials,  
personnel/staff, as well as the concerned public.  
(Visit [depedcalabarzon.ph](http://depedcalabarzon.ph))

### CONDUCT OF THE E-WASTE PROJECT (TEP)

With reference to the invitation of the University of the Philippines Circuit (UP Circuit), this office informs the Schools Division Offices of The E-Waste Project (TEP), a year-long campaign dedicated to raising awareness about proper e-waste disposal and management.

The said activity aims to address the issue on proper e-waste disposal through a multi-faceted approach including education, collection drives, fun run, sustainable disposal practices and annual TEPTalks.

Kindly refer to the attached letter for more details about the activity.

Furthermore, those interested in joining are reminded of the following conditions:

- a) that the Schools Division Office be informed, in writing, of participation in the said activity;
- b) participation is strictly on a **voluntary basis**;
- c) strict observance of the **No Collection Policy** of the Department; and
- d) strict observance of **Time-On-Task Policy** or the **No Disruption of Classes Policy** of the Department.

For information of all concerned.

ORDPAU3





UNIVERSITY OF THE PHILIPPINES CIRCUIT (UP Circuit)

# THE E-WASTE PROJECT

University of the Philippines Diliman Electrical and Electronics Engineering Institute  
Velasquez St., Diliman, Quezon City, Philippines, 1101

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ORD-ISH01-2024-357

June 29, 2024

**ALBERTO T. ESCOBARTE**

*Regional Director*

Department of Education - CALABARZON

Dear Dir. Escobarte,

Greetings!

**UP Circuit** is duly recognized academic, non-profit, and non-partisan organization affiliated with the Electrical and Electronics Engineering Institute (EEEI) at the University of the Philippines – Diliman. As an organization that embodies the university's core values of Honor and Excellence, we continuously strive to conduct greatness, rectify character, and amplify skills and aptitudes.

Electronic waste (e-waste) is a growing environmental concern worldwide, and the Philippines is no exception. The rapid advancement in technology has led to an increase in electronic devices, many of which are improperly disposed of, resulting in significant environmental and health hazards. Our flagship initiative, **The E-Waste Project (TEP)**, is a year-long campaign dedicated to raising awareness about proper e-waste disposal and management.

Now in its **12th year**, TEP seeks to expand its reach by engaging the community and educational institutions in proper e-waste disposal. We aim to address this issue through a multi-faceted approach including education, collection drives, fun run, and sustainable disposal practices. Our goal is to ensure that universities, schools, organizations, and companies from both the private and public sectors conduct their respective collection drives. We plan to achieve this by delivering presentations through our **TEP2F**, which involves visiting schools and communities to educate people about e-waste and the risks it poses.

In addition to TEP2F, promoting awareness will be continued through our annual **TEPTalks**, a series of webinars focused on sharing current plans and actions taken by various environmental organizations, institutions, and companies to address e-waste problems. This year, we plan to hold **two webinars**, each targeting over **500 participants**. Advocacies for policies and practices that support e-waste reduction and responsible disposal within schools and communities will be tackled in these webinars.

Furthermore, **e-waste collection drives** will be organized in collaboration with local communities and schools to gather old and unused electronic devices for proper disposal. By partnering with accredited recycling centers, we aim to ensure that the collected e-waste is processed in an environmentally friendly manner.

In line with this, we would like to cordially request an **endorsement from your office**. We believe that with the Department of Education's accreditation and support, we can significantly amplify the impact of The E-Waste Project, reaching not just students but all members of the academic community. Your endorsement will lend credibility to our initiative and facilitate collaboration with educational institutions across the country.

Thank you for considering our request. We look forward to your positive response and the opportunity to contribute to the nation's environmental sustainability efforts through this initiative. Should you wish to get in touch with us, please refer to the contact details provided on the following pages. Additional information about our organization and projects is also attached for your review, offering insights into other opportunities for collaboration.



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## ABOUT THE UP CIRCUIT



UP Circuit

Visit us on |  Facebook


We are U.P. Circuit, a duly recognized academic, non-profit, and non-partisan student organization from the Electrical and Electronics Engineering Institute (EEEI) of the University of the Philippines Diliman. As an organization that embodies the university's core values of Honor and Excellence, we continuously strive to conduct greatness, rectify character, and amplify skills and aptitudes. With over 1000 resident members and alumni spanning the organization's 30 years of existence, U.P. Circuit is composed of individuals with a diverse set of skills working towards a common goal of reaching greater heights. We mold character through holistic development and leadership, as well as practice nation-building through service and innovation.




Over its 30 years of excellence, U.P. Circuit has established itself as the premier training ground for the nation's finest Electrical, Electronics, and Computer Engineers. Our members consistently top board examinations and shine in national and international events, showcasing our expertise and dedication to the field. We embody academic excellence and proudly uphold the University Motto by organizing and participating in a variety of events and activities that serve both our community and the nation. As scholars of this country, we are committed to making a lasting impact through our service and achievements.

At UP Circuit, we stand firm in our belief that every small step we take and every action we make will improve this country and create a better future for all. We will continuously conduct, rectify, and amplify our efforts.

We Dare to Be; Be Different

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Some of the events we organized and participated in:



InteraCKT

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InteraCKT is a fun welcoming event for the incoming BS Electrical, Electronics, and Computer Engineering Freshies, Shiftees, and Transferees (FSTs) filled with different activities to help and guide the new Electrical and Electronics Engineering (EEE) students to their chosen field. InteraCKT also aims to help them prepare for their first academic year at the Electrical and Electronics Engineering Institute (EEEI).



SquEEEze

Visit us on | Facebook

SquEEEze is the flagship event of UP Circuit and is the only national intercollegiate EEE quiz show in the country. It is the manifestation of UP Circuit's continuous goal of promoting academic excellence. SquEEEze aims to bring the country's top minds in the field of Electrical and Electronics Engineering together in a battle of wits and sharpness.



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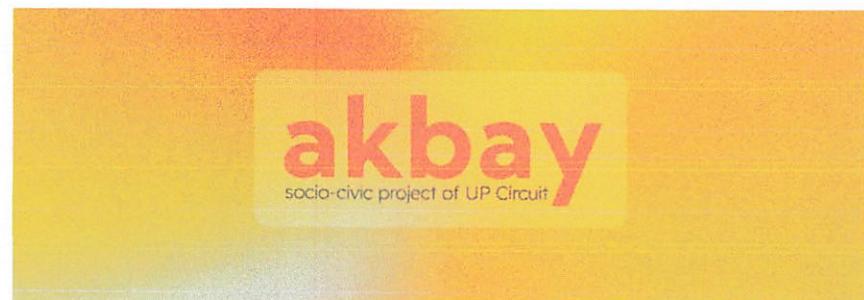


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AKBAY

Visit us on |  [Facebook](#)

Formerly abbreviated from Advanced Knowledge for the Betterment of Aspiring Youth. AKBAY is a soon-to-be-re-established socio-civic project of UP Circuit. The project aims to provide help to communities in need of assistance, educate the public about the challenges they face, and organize different charity activities that will greatly benefit the community. It also aims to educate people about new emerging technologies and how they can make good use of them in their daily lives.







The E-Waste Project

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The E-Waste Project, also known as TEP, is an awareness program by UP Circuit designed to address the growing issue of e-waste in the country and educate people on how to tackle it. It aims to provide avenues for proper e-waste disposal through collection drives and to share knowledge on how individuals can help reduce the increasing rate of e-waste in our world.



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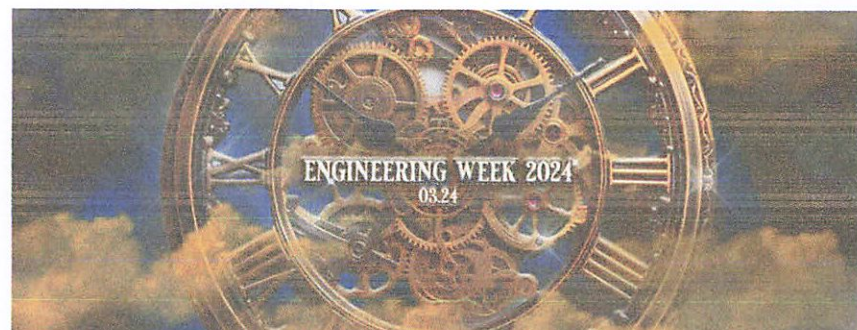
## EVENTS

### CIRCUIT WEEK 2024

This year's Circuit Week will incorporate three events: Batch Wars, an outreach, and HolisticKT workshops, open for all members and alumni to enjoy.

#### CIRCUIT WEEK

Circuit Week celebrates UP Circuit's foundation through various activities that strengthen the organization's camaraderie in line with its advocacies. These activities are usually composed of an Outreach Program, Exhibit Launch, Quiz Show, Batch Wars, Workshops, Mr. and Ms. Circuit, and Culminating Night.



#### ENGINEERING WEEK

Photo from EW Facebook Page

Engineering Week is a prestigious event at the UP College of Engineering. It features various activities and events that test the brains, skills, and talents of different engineering student organizations. It promotes camaraderie among members of the engineering community. Engineering Week provides an opportunity for organization members, peers, and friends to grow through teamwork, camaraderie, and healthy competition, and UP Circuit actively participates every year to demonstrate our excellence in diverse ways.

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## ABOUT THE E-WASTE PROJECT



The technological advancement led to the increase in production and consumption of electronic devices, thus skyrocketing the status of the Philippines as one of Southeast Asia's top generators of e-waste. By 2030, it is expected to have a global e-waste increase of 38 percent, exceeding 74 million metric tonnes. It provides a significant health risk, with someone consuming 220 times the daily limit of hazardous chemicals owing to neighboring waste sites, and significant environmental risks due to incorrect management of e-waste.

Over the years, **The E-Waste Project (TEP)** has progressively brought into service their advocacy in each iteration, breaking through different barriers imposed by various circumstances. Through annual seminars and collection drives, the project has effectively established itself as a year-long campaign dedicated to increasing awareness about proper Electronic Waste (E-Waste) disposal and management.

Since it started, our project has been featured in several magazines and news programs such as GMA, CNN, ANC, and DZMM, among other television and radio networks. TEP was also selected as one of the national finalists at the 12th and 14th Ten Accomplished Youth Organizations (TAYO) Awards. In the Parangal sa Samahang Mag-aaral 2023, UP Circuit was awarded the 2023 Ignacio B. Gimenez Award for UP Student Organizations' Social Innovation Project Excellence Award for TEP.

Now in its twelfth year, The E-Waste Project carries on with its efforts in promoting proper e-waste disposal and management to reduce the adverse effects of e-waste on our community, and our environment.

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## THE E-WASTE PROJECT FOUNDING VISION

The E-Waste Project is a collaborative initiative launched by UP Circuit (UP CKT) and the Electronics and Communications Engineering Society – DLSU (ECES DLSU), student organizations based at the University of the Philippines Diliman and De La Salle University, back in 2012. The project aims to raise awareness about proper electronic waste management and enhance the quality of education.

The primary goal of these two organizations is to reduce the rapid increase in improper electronic waste disposal in the country, particularly in Quezon City, which serves as its main venue. Based on an article from 2012, it is estimated that countries across the globe generate around 20-50 million tonnes of electronic waste annually, with Asian countries being the dominant producers. Just imagine how many million tonnes of electronic waste has become now in the present, given the quick technological development and advancement.

In the same year (2012), the Philippines launched the comprehensive reform of its basic education and named it the "K to 12" Program, along with the Universal Kindergarten Law (RA 10157), which was signed in January 2012. This law mandated that Filipino students undergo and complete basic education from ages 5 to 18, starting from Kindergarten up to the additional two years of senior high school.

Although the goal of this education reform is to catch up with global standards in secondary education and emphasize the importance of Kindergarten within the education system, several issues and concerns have been raised. The K-12 program has posed challenges to the education sector, including a lack of learning facilities and classrooms, scarcity of learning materials aligned with the new education model, and insufficient training and orientations for educators.

These two major problems in our country during that time became the main motivator for UP Circuit to create the E-Waste Project and cooperate with other organizations, institutions, private and public companies, and other sectors with the same goal. Hence, the theme "*E-waste mo, Edukasyon para sa Sta. Lucia National High School*" arose for its first iteration.

Sta. Lucia National High School has always faced flooding in Quezon City. Before the E-Waste Project, the school served as an evacuation area for residents affected by floods. Its four-story main teaching building housed classrooms, while a two-story office building stood nearby. However, the quadrangle could accommodate no more than 400 students (9.4% of the student population), leading to section rotations during flag ceremonies.

Located in a residential area, the school draws students from places like West Fairview. Most students come from one of the poorest districts in Quezon City, District 2. Despite limited space, the school accommodates 4,250 students from K8 to K12, divided into approximately 60 to 80 students per section. To manage this large student body, the school opted for morning and afternoon classes.



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Among the 100+ faculty members, only one is IT-trained. This individual personally handles the internet connection for the office computers. The school's principal emphasizes the urgent need for training in computer maintenance and proper usage for both faculty and students. Additionally, they require up-to-date computer equipment to align with the education model of the new K-12 program.

The K-12 education system includes an IT education program in its curriculum model. Unfortunately, during the implementation of this program, Sta. Lucia High School has only 10 computers, which were donated back in 2001. Out of these 10, only 2 are still working. The ratio of computers to students per class is 2:70. Given this ratio, it's impossible to learn the sufficient skills one needs to survive in this curriculum and in this technology-driven world.

Through AKBAY (formerly an abbreviation for Advanced Knowledge for the Betterment of Aspiring Youth), a socio-civic project aimed at providing technological knowledge to high school students, conceptualized by Lew Tria, a UP Circuit alumnus, and re-established in 2021 to offer assistance beyond the field of information technology, The E-Waste Project was able to earn funds to provide Sta. Lucia High School with computers and offer proper guidance on how to help the students and faculty adapt to a new education system alongside these technologies.

From having only two functioning computers, UP Circuit, through its projects, was able to provide Sta. Lucia with a computer laboratory filled with standard working computers. All of these were configured and set up by the dedicated members of the organization, culminating in a successful turnover ceremony at the end of the first year of The E-Waste Project.

Despite not being brand new or the latest models, the donated computers have become invaluable tools for students, equipping them with the essential skills needed for their IT-related curriculum. What was once just a room with functioning computers has transformed into an incubator for dreams, where aspiring engineers can envision and work towards their future careers.

It cannot be denied that computer literacy is essential for finding a job or continuing education. Nowadays, students must also have access to online educational resources for research and supplementary learning. Unfortunately, there is still a significant lack of computers in our public schools. The E-Waste Project and AKBAY enable more students to acquire the technological skills they need to be productive citizens in our technology-driven world while also raising awareness about the negative environmental impact of these technologies.



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## OUR MISSION

To empower communities through education, awareness, and sustainable practices, with the aim of tackling the challenges posed by improper e-waste disposal and addressing the educational crises in our country.

## OUR VISION

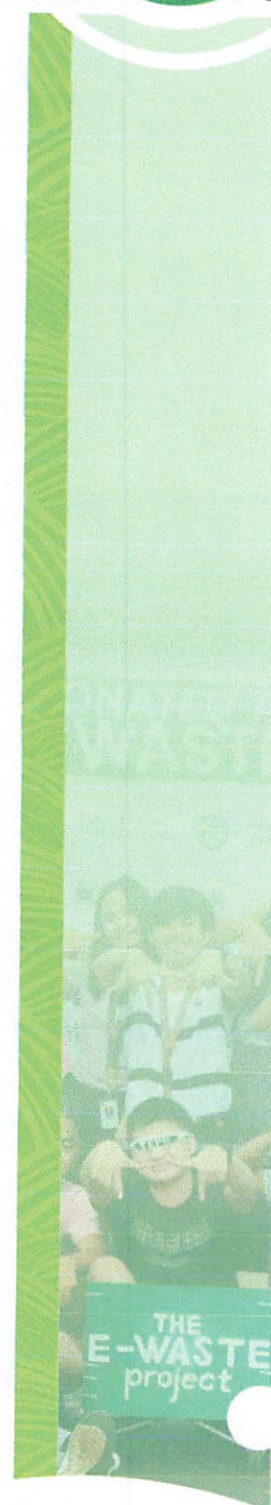
To create a world where e-waste is managed responsibly, technological innovation is harmonized with environmental preservation and quality education is offered to contribute to a sustainable future.

## OUR GOALS

1. Implement sustainable solutions for e-waste recycling and resource recovery to minimize environmental impact and promote circular economy principles.
2. Provide support and resources to underserved communities, schools, and institutions to enhance access to technology and promote digital literacy.
3. Collaborate with industry partners, government agencies, and advocacy groups to advocate for policy reforms and regulations that promote responsible e-waste management practices.
4. Engage stakeholders, including students, alumni, volunteers, and the public, in meaningful participation and action towards a common goal of environmental sustainability.

## OUR VALUES

<b>Environment</b>	We are committed to protecting and preserving the environment.
<b>Education</b>	We believe in the power of education to drive positive change and empower individuals to make informed decisions about e-waste.
<b>E-Waste</b>	We believe that as advocates of proper e-waste disposal, we must practice responsible e-waste management at all times.
<b>Integrity</b>	We, students of the University of the Philippines, uphold integrity, transparency, and ethical conduct in all our endeavors, fostering trust and credibility within our community.



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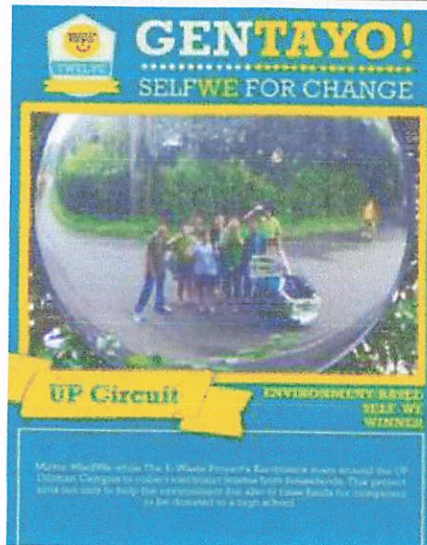
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## SOME OF THE AWARDS AND RECOGNITION RECEIVED BY TEP



- 2013 Coke Barkadahan Grant Program
- Engineering Organization Excellence Awards
- GenTAYO: SELF-WE FOR A CHANGE
- TAYO 12 awards
- TV Guesting and News Features
- Online Articles
- Pingkian: UP Diliman Student Colloquium for Public Service Projects
- Parangal sa Samahang Mag-aaral 2023: 2023 Ignacio B. Gimenez Award for UP Student Organizations' Social Innovation Projects Excellence Award

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## OUR IMPACT

### The E-Waste Project Facebook Page

- 25,347 Likes
- 26,602 Followers
- 604,006 Total reach
- 83,662 Page visits
- 1,051,295 Impressions

### The E-Waste Project Instagram Account

- 803 Followers
- 20,693 Total reach
- 2928 Profile visits

### The E-Waste Project Twitter Account

- 263 Followers

### TEPTalks 2023 (Webinar)

- 158 attendees

### Total E-Wastes Collected

- 9,654 kilogram

### Total Years of TEP Service

- 12 Years



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## SOME OF OUR PREVIOUS PARTNERS:



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## WHERE TO CONTACT?

Message us on our social media accounts:

Facebook [fb.com/theewasteproject](https://fb.com/theewasteproject)  
Twitter [twitter.com/theewasteproiph](https://twitter.com/theewasteproiph)  
Instagram [instagram.com/theewasteproiph](https://instagram.com/theewasteproiph)  
TikTok [tiktok.com/@theewasteproiph](https://tiktok.com/@theewasteproiph)

Email us on:

For partnerships [theewasteprojectexternals@gmail.com](mailto:theewasteprojectexternals@gmail.com)  
For inquiries [theewasteproject@gmail.com](mailto:theewasteproject@gmail.com)

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For concerns regarding partnerships, marketing, and sponsorships:

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For general concerns and inquiries:

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With heartfelt appreciation and warm regards,

**JERVIN JAY G. BENAVIDES**  
UP Circuit President  
The E-Waste Project Year 12

**OMAR C. CAMAY**  
TEP 12 Overall Head  
The E-Waste Project Year 12

**CLARENCE ALVER V. DELA CRUZ**  
TEP 12 Overall Head  
The E-Waste Project Year 12



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