



SUSTAINABLE DEVELOPMENT GOALS

4 QUALITY
EDUCATION



Integrity and Anti-Corruption Efforts



In August 2023, a talk was held at the San Isidro campus of UPC to address various situations and issues related to corruption, covering topics such as: What makes Peru so susceptible to corruption? What are the costs it generates? Why does it proliferate?

The objective of the talk was to raise awareness about the importance of volunteers as agents of change in various scenarios. The event was open to the general public.



Code of Ethics for Social Entrepreneurship



During the two academic semesters of 2023, students from the Administration and Human Resources program at UPC engaged with over 50 initiatives that applied for the Protagonistas del Cambio [Protagonists of Change] program, UPC's social responsibility initiative. The goal was to develop a code of ethics for entrepreneurship with social and environmental impact.

In this academic endeavor, students worked with organizations previously registered at the national level, providing counseling and support in developing their code of ethics. This task allowed students to engage in real-world work with an organization and empathize with social issues.



Applicability report of B Companies to SMEs and Microenterprises

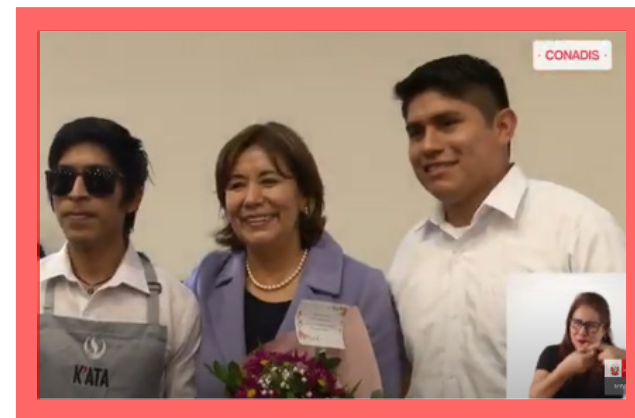


Throughout the two academic semesters of 2023, students from the Administration and Human Resources program at UPC created a report on the applicability of B Companies (companies that meet high standards of social and environmental performance) to small and microenterprises (Pymes, Mypes). The students assumed the role of business consultants.

During the activity, they applied the impact assessment tool provided by the B system, familiarized themselves with sustainability terminology, and recommended improvement proposals to reduce impacts. A total of 160 small and microenterprises benefited from this activity.



Program “Capacitación y Entrenamiento a Camareros Junior” [Junior Waiters Training and Coaching]



In November 2023, the School of Hospitality and Tourism Administration at UPC successfully concluded the third edition of the volunteer program “Capacitación y Entrenamiento a Camarero Junior” [Junior Waiters Training and Development]. This program, which began in 2021, aimed to train vulnerable youth and adults to access job opportunities in the restaurant sector.

In this special edition, UPC worked closely with the National Council for the Integration of Persons with Disabilities (CONADIS), reaffirming its commitment to inclusion and comprehensive community education.

Students played the valuable role of mentors during the 10-week program, providing guidance and support to participants. This event not only represented an individual achievement for the participants but also

the success of an initiative that promoted inclusion and community engagement in social responsibility projects.

The event was attended by the Minister of Women. Through this initiative, UPC reaffirmed its commitment to forming professionals with a socially conscious perspective, promoting student participation in initiatives that enhance their education and positively contribute to society.



Students from the Mining Management Engineering program successfully participated in congresses and workshops



Students from the Mining Management Engineering program at UPC took part in the following activities and training workshops during the first semester of 2023-1:

- National Congress of Mining Engineering Students (CONEIMIN).
- Solid Waste Management Mining encounter.
- Solid Waste Management workshop by UPC Amautas Group.
- Training for outstanding students.

All these activities aimed to strengthen theoretical and practical knowledge in responsible and sustainable mining, update knowledge on responsible mining projects, strategic management, and solid waste management (SWM).



Accounting and Tax Support Nucleus (NAF)



To promote a tax culture in our country, students from the Accounting and Administration program at UPC participated in the “Accounting and Tax Support Nucleus (NAF)” program.

This program provided free tax guidance to individuals and small busi-

nesses. It emphasized the importance of timely tax payment and declaration. For this purpose, students received 20 hours of training from SUNAT. From January to September 2023, 3180 guidance sessions were conducted.

Through this initiative, students developed soft skills such as effective communication, research, citizenship, and social responsibility, highlighting the importance of formalization in our country and how taxes contribute to building more schools, hospitals, and roads.

Is a Political Scientists Association necessary?



On September 29, 2023, the Political Science program at UPC participated in a panel discussion: “Is a Political Scientists Association necessary?”

This event took place in the Graduate Hall of the School of Law and Political Science (FDCP) at the Universidad Nacional Mayor de San Marcos, aiming to debate an existing bill in Congress proposing the creation of a Political Scientists Association in our country.

The director of the program, Omar Awapara, as representative of the university, and the future professionals, argued against the proposal, citing concerns about the employability of Political Science graduates.

ESCUOLA PROFESIONAL DE CIENCIA POLÍTICA

SEPTIEMBRE MES DE LA CIENCIA POLÍTICA

UNMSM

¿ES NECESARIO UN COLEGIO DE POLITÓLOGOS?

PARTICIPAN:

Dr. Omar Awapara
Director de Ciencia Política en UPC

Mg. Yimy Reynaga
Político por la UNFV

Jaime Mayaupoma
Político por la UNMSM

Valerie Tarazona Kong
Política por la PUCP

Viernes 29 de septiembre

2:00 pm

Salón de Grados FDCP



Community Nutrition



During semester of 2023-I, students from the Nutrition and Dietetics program at UPC developed the “Community Nutrition” project at the Divino Jesús and San Miguel de Arcángel Residential Care Centers (CAR) of INABIF, and at the Barranco daycare center: Cristina Carrera de Lértora, among other childcare centers.

The objective of this activity was to conduct a nutritional and situational diagnosis of the target population to provide nutritional care, guidelines, and recommendations to the Permanent Care Personnel (PAP) regarding the balanced diet that children should receive.



Training for teachers of schools in Metropolitan Lima



For the fourth consecutive year, the Department of Humanities at Universidad Peruana de Ciencias Aplicadas (UPC) carried out the project “Training for Teachers of schools in Metropolitan Lima”, aimed at enhancing teachers’ skills in digital writing, research, and the use of modern methodologies in written communication.

In this new edition, which is entirely free for participants, three workshops were offered:

- Use of writing in project-oriented learning.
- Pedagogy and functionality of argumentation in the classroom
- Development of qualitative research using content analysis technique.

The focus of this project was the contribution to the professional development of participa-



ting teachers in order to positively impact the education of their students.



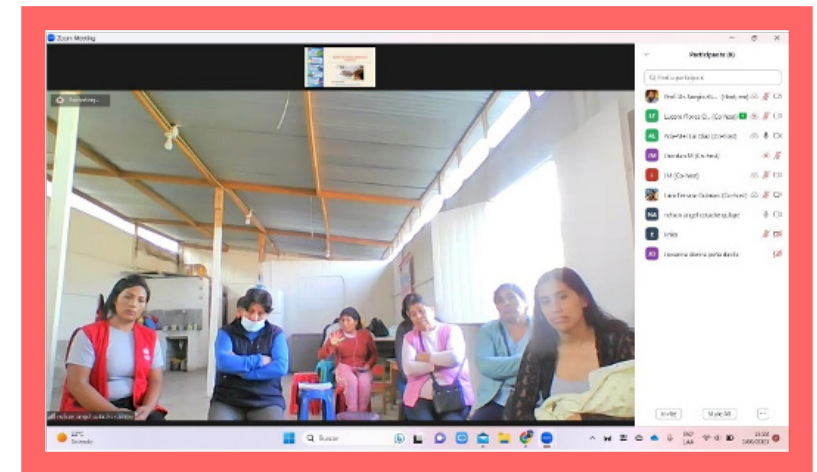
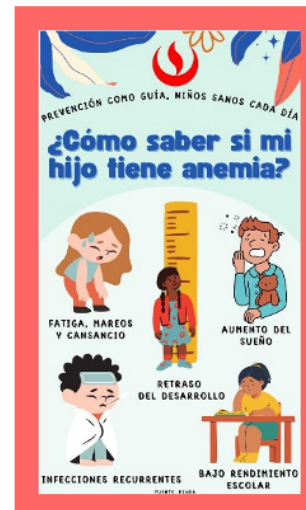
Campaigns for the Prevention and Control of Child Anemia



Throughout 2023, students from the Medicine program at UPC carried out various activities aimed primarily at combating child anemia and malnutrition. These activities took place in AA.HH. La Rinconada and Educational Institution 7212-627, located in the district of San Juan de Miraflores; as well as at the San Genaro Maternal and Child Center, Solidarity Daycare, PRONOEI No. 9, and early childhood center Institución Educativa Inicial 570 Integración, located in the district of Chorrillos.



Intervention projects were conducted targeting parents through talks, workshops, and demonstrations on preparing iron-rich foods and proper handwashing. Finally, pre- and post-tests were administered to participants to spread awareness of the causes and reduce prevalence, fostering appropriate cognitive growth and development in the child populations of the intervened communities.



Campaigns for the prevention of overweight and obesity



During 2023, students from the Medicine program at UPC conducted activities aimed at reducing mortality caused by obesity in adults aged 30 to 60 years from the communities of AA.HH. Pacífico de Villa and the community kitchen “Cerro de Pasco,” located in the district of Chorrillos. Participatory workshops

were held to analyze the nutritional value of the menu offered at the community kitchen “Cerro de Pasco” and in AA.HH. Pacífico de Villa.

Then, body mass index, abdominal circumference, and other risk factors of the communal kitchen users were cal-

culated. After analyzing the problem and potential solutions, informative talks on obesity and diabetes prevention were given, along with demonstrative activities on what an ideal meal should look like. Finally, an educational talk on healthy eating and a physical activity workshop were conducted.





Reducing the prevalence of complications from acute respiratory infections in children under 5 years old

During 2023, students from the Medicine program at UPC conducted an activity aimed at reducing the prevalence of complications from acute respiratory infections in children under five years old in AA.HH. Pacifico de Villa, located in the district of Chorrillos. This was achieved through the dissemination of knowledge about healthy practices in the community.

Once the problem was identified, workshops on breastfeeding, immunizations, nutritious lunchbox demonstrations, proper handwashing techniques, and appropriate mask usage were conducted.



“Community Nutrition” campaign



Between March and August 2023, the “Community Nutrition” campaign was held at the University Health Center (CUS) on the Villa campus of UPC. The objective was to provide comprehensive nutrition-focused care for the community of Chorrillos and surrounding districts.

Counseling on proper eating habits was offered to patients, and assessments of weight, height, hemoglobin, and glucose levels were conducted for all ages.

EVALUACIÓN Y ORIENTACIÓN NUTRICIONAL GRATUITA*

Incluye dosaje de hemoglobina y glucosa para todas las edades

del 13 al 23 de marzo

*Capacidad limitada
*Consultar restricciones
*Exámen de glucosa se realizará de 8 a.m. a 9 a.m.

Escribenos al 941 060 119

The advertisement features a woman in a white lab coat with a name tag that says 'Nutrición'. She is holding a green glucometer. The background is a light gray with a red border. There are two red flame logos: one in the top right corner and one in the bottom right corner next to the WhatsApp contact information.

Informative and awareness campaign on violence, gender Equality, and prevention for schoolchildren in Chorrillos



Between June and July 2023, students from the Medicine program at UPC conducted an informative and awareness campaign on violence, gender equality, and prevention. This was aimed at teenage students of the Mariano Santos Educational Institution, located in the district of Chorrillos.

The campaign's objective was to educate students on recognizing warning signs of sexual violence and what actions to take in such situations. Awareness efforts were also directed at teachers, who could work on developing protective factors such as self-esteem, assertiveness, empathy, conflict resolution, among other topics.



Healthy sexuality workshop



Between May and June 2023, students from the Medicine program at UPC conducted a participatory workshop on healthy sexuality at the Ollantay Educational Center, located in the district of San Juan de Miraflores.

The workshop's goal was to help reduce sexual violence against girls aged 10 to 13 years, improve school coexistence, and address inappropriate behaviors inside and outside the educational institution.

Thanks to the workshops conducted with the participation of a psychologist and social workers from the Ollantay Maternal and Child Center (CMI), a health issue affecting the population was identified.

This led to the development of a community intervention project for the benefit of the population.



We the gamers fest



The UPC's Audiovisual Communication and Interactive Media program participated in organizing the cultural event "We The Gamers Fest." The event featured entrepreneurial projects, activities, and gaming stations designed especially for young women passionate about video games.

The goal was to create a cultural festival suitable for all audiences but particularly aimed at female gamers in Peru, with a focus on promoting equity, tolerance, and empathy.



Mujer Esperanza (Woman Hope)



In June 2023, the Office of University Life organized the event “Mujer Esperanza” (Woman Hope), held in the Alcedo Hall of the Segura Theater, featuring the Peruvian singer-songwriter Luz María Carriquiry.

The event aimed to give visibility to female singer-songwriters. Additionally, it provided opportunities for information, reflection, knowledge, art, culture, sports, and entertainment to students and members of the university community.

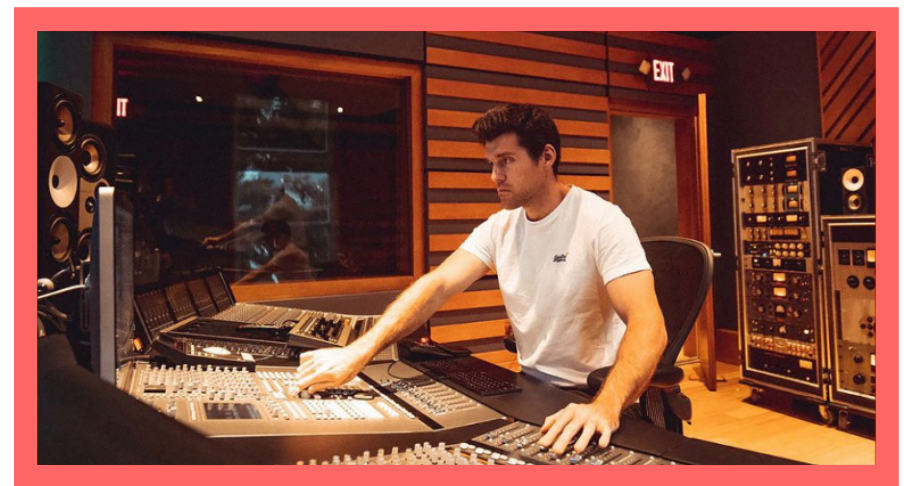
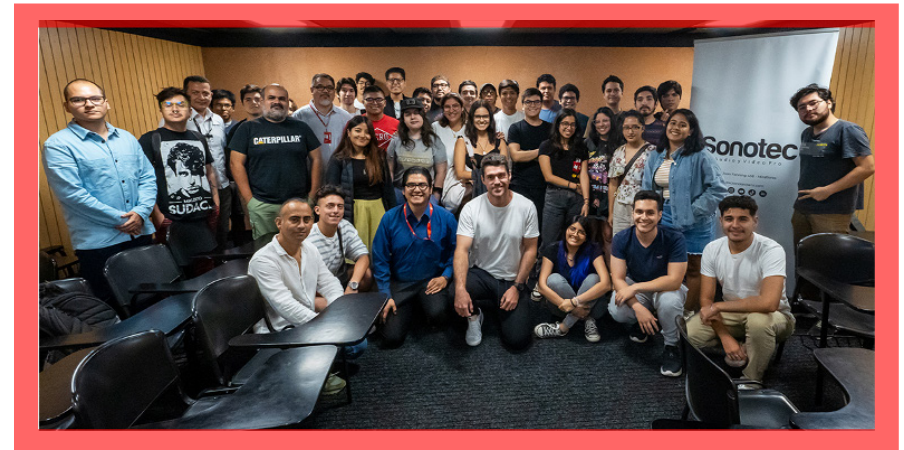


Workshop and Discussion Panel with Lewis Pickett



The UPC Music program organized a workshop and discussion panel with Lewis Pickett, a mixing engineer, producer, and musician who has won four Grammy awards. The faculty interacted with the international speaker, a global reference in the audio industry, and together they developed topics on the benefits offered by technology. In this way, the various attendees were trained, who will in turn train others to spread these good practices and create a positive impact.

The goal of the event was to conduct free training workshops with national and international speakers, aimed at improving the quality of what is heard. Additionally, the workshop addressed the health issues related to auditory health, the responsible use of audio-related technology, which has a direct impact on people's auditory health. This workshop was held in partnership with and under an agreement with the company SONOTEC. The workshop was attended by educators from various educational institutions and ninth-cycle students from the Music program.



Musicotopia



Students from the Audiovisual Communication and Interactive Media program at UPC participated in the Musicotopia festival, an event aimed at young people aged 18 to 36. The objective was to create a pleasant space where emerging local music bands could gain recognition. Eight bands of different genres participated.

Additionally, in partnership with the restaurant GastroSurco, university entrepreneurs were invited as vendors.



Neurodevelopmental evaluation in patients with down syndrome



The University Health Center (CUS), in collaboration with the Physical Therapy program at UPC, conducted an evaluation aimed at children aged 0 to 10 years, assessing areas such as gross motor skills, fine motor skills, visual tracking, and auditory tracking. According to the parameters established by the academic part, a patient report was provided to the families.

The objective of the activity was to identify the development of motor skills, social development parameters, language skills, coordination, among others. The beneficiary institution was the Sociedad Peruana de Síndrome de Down (Peruvian Down Syndrome Society). This activity allowed students from the program to enjoy a learning space with direct patient contact and to evaluate specific cases, such as patients with neurodevelopmental issues.

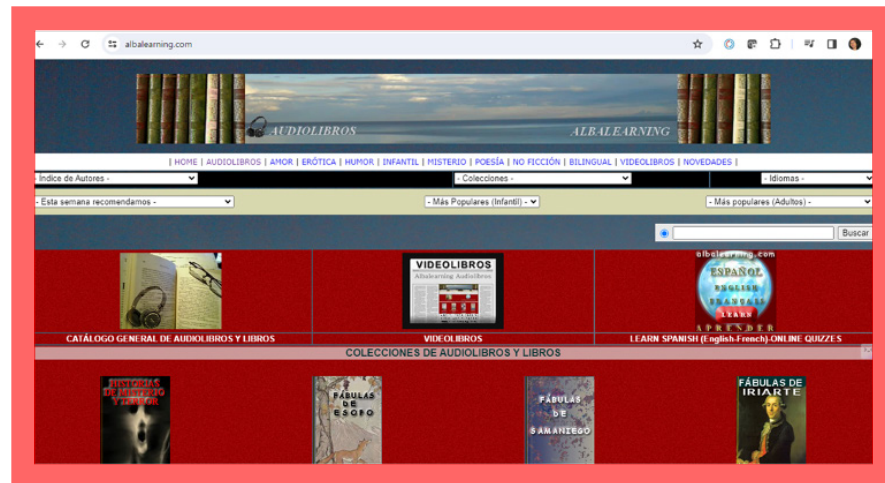


Research Resources Portal



The Knowledge Management Directorate of UPC managed the “Research ResourceS Portal” platform, aimed at providing access to information resources (ebooks, journals, theses, multimedia resources, websites, among others) organized alphabetically, thematically, and by academic program. The platform offered resources subscribed to by the university and others that were open access for the general public.

No new electronic resources were subscribed for academic programs during this period. However, 2 open access resources with relevant content, such as Zotero and F1000Research, were incorporated. This initiative provided the educational community with organized information resources for the elaboration of academic and research work.



Training Workshop “Protagonists for the SDGs”



On June 21, 2023, the Directorate of the Business Initiative Unit conducted the online training workshop Protagonists of Change for the Sustainable Development Goals.

This two-day workshop aimed to bring social and environmental entrepreneurs closer to the SDGs and the 2030 Agenda. The objective was to invite the community of social and environmental entrepreneurs, students, and the general community.



Design sprint for PDC



On September 22, 2023, the Directorate of the Business Initiative Unit conducted the online Design Sprint workshop for Protagonists of Change for the Sustainable Development Goals, an event where the winners of Protagonists of Change 2023 received training and advice that allowed them to improve their business model.

The objective of the activity was to collaborate with the winners to solve a big challenge based on the design sprint methodology. For this purpose, the Google Adventures methodology was used, which involved solving a big challenge through the collaborative work of student volunteers.

The beneficiaries improved their digital competencies and the use of agile methodologies to collaboratively solve a challenge of the organization with volunteers from other countries.



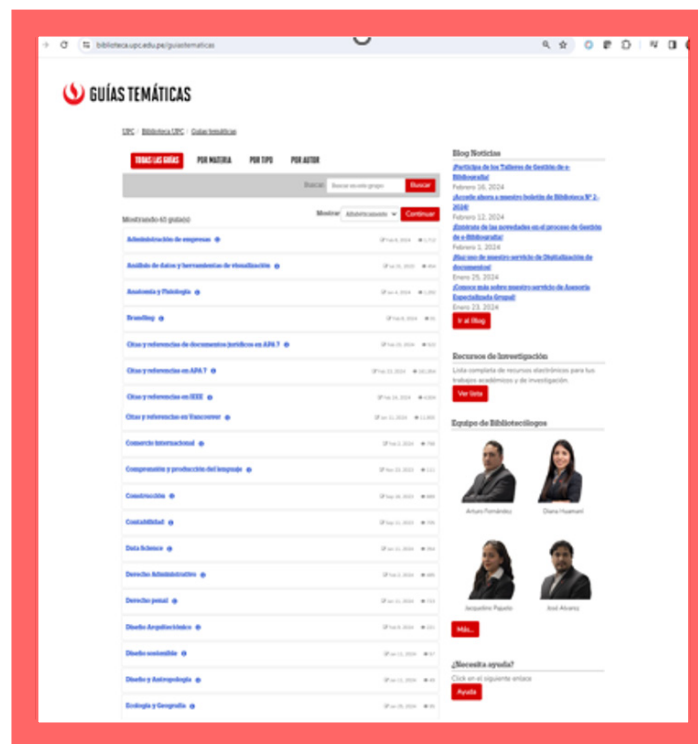
UPC Subject Guides



The Knowledge Management Directorate of UPC managed the “UPC Subject Guides” platform with the aim of providing access to scientific and academic research through a selection of information resources (ebooks, journals, theses, multimedia resources, websites, among others) organized by topics of interest and research lines to contribute to the creation of academic knowledge.

The platform offered resources subscribed to by the university and others that were open access for the general public.

Two new transversal subject guides were created in the 2023-1 semester. Additionally, the 51 guides created in 2021 and 2022 were updated monthly.



Tourism Week “Inversiones Verdes”



The School of Hospitality and Tourism Management at UPC organized Tourism Week “Inversiones Verdes” (Inversiones Verdes) from September 20 to 27, 2023, in a virtual format. Three presentations were held with international experts linked to the tourism, accommodation, and restaurant sectors. These experts presented international cases related to green investments in each sector.

Additionally, a discussion panel was held with representatives from the business sector and three discussion panels with representatives from each of the three programs of the school and CETT students from the Universidad de Barcelona, Universidad del Valle de México and Universidad ANAHUAC.

The objective of the activity was to reflect on green investments in the tourism sector, accommodation businesses, and restaurants. Additionally, good environmental and sustainable practices were shared through the presentation of success stories.



Educational Intranet with virtual classroom in rural schools



Students and faculty from the Electronic Engineering and Networks and Communications Engineering programs (EPE) at UPC conducted the project “Educational Intranet with virtual classroom,” an initiative that originated during the pandemic. This project was developed at the school in the Human Settlement Brisas de California, located in Chosica, and at the early childhood education center José María Escrivá, located in the rural annex San Juan de Roldan, Cañete, due to the poor conditions in which students received their virtual classes. WiFi equipment was recycled and configured to optimally transmit the internet to the students’ homes.



The objective of the initiative was to install an intranet with a virtual classroom in a school without internet connection to improve the conditions of the teaching and learning process for children. To achieve this, an alliance with the company IPT (Internet for Everyone) was established in 2022, and in 2023 the technical design for the Cañete school was carried out. The site was visited in November, and the UPC Social Responsibility Office provided funds to acquire the radio link equipment necessary for the connection with IPT. The installation and details of the Virtual Classroom were planned with the school administration.



100k Strong Project with South Dakota School of Mines & Technology and UPC



UPC won the significant grant from the 100K Strong in the Americas Innovation Fund, an initiative that supports higher education <partnerships and enhances student training. In this context, the participation of the International Office and the UPC's School of Engineering was crucial, as they played a key role throughout the application process.

Thanks to this financial support, the Civil Engineering and Environmental Engineering programs at UPC and the School of Engineering at South Dakota School of Mines and Technology (SDSMT) will work on implementing a sanitation project with new technologies and an innovative fog water collection system. The goal is to improve the quality of life for families lacking water service in the district of Villa María del Triunfo.



Exercise program to promote the health of the elderly



During 2023, the Physical Therapy program at UPC conducted virtual and in-person activities aimed at the elderly population to promote fall prevention and physical activity in their daily lives.

An exercise program was provided in-person at the Elderly Center and at the Alberto Park in Jesús María, supervised by a faculty member, with sessions held twice a week for one hour each.

Additionally, the Telerehabilitation Program was conducted virtually in synchronous mode via the Messenger-Facebook platform. This program was accessible to populations from various districts.



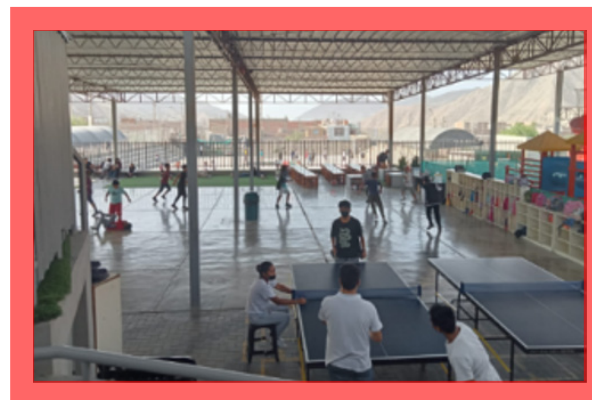
Physiotherapeutic Intervention in CELES and CEBE



In May and December 2023, the UPC's Physical Therapy program conducted physiotherapeutic intervention activities at the Reading, Writing and Recreation Center (CELES) and the Special Basic Education Centers (CEBE), located in the districts of Chorrillos, Barranco, and Pachacámac.

The target population of the interventions were the children and adolescents at these establishments, as well as their teachers and caregivers.

An initial clinical assessment was conducted on the children and adolescents, the collected information was synthesized into reports to complement the comprehensive patient intervention, and tools and strategies were provided to consolidate knowledge in basic ergonomics in the normal development of the child and their neurodevelopment levels.



Recognition Intervention in Aniquem



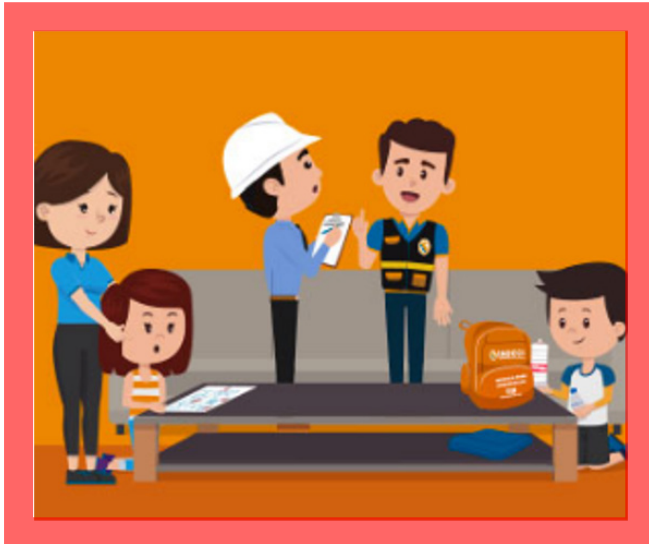
In February 2023, students from the Physical Therapy program at UPC conducted a recognition intervention in collaboration with the Assistance Association for Burned Children (Aniquem).

The objective of the activity was to promote health promotion, inclusion, and learning opportunities for patients and professionals involved in the care of burn patients.

An intervention project was developed and executed based on the analysis, prevention, and promotion of responsibility in diverse human groups through the use of specific strategies.

The infographic is divided into three main vertical sections. The left section lists prevention tips: 'Importancia de La Prevención: El objetivo es impedir o disminuir la probabilidad de que se produzca la quemadura', 'No dejar agua o bebidas calientes al alcance de los niños.', 'Concientizar al menor sobre el peligro de objetos o líquidos calientes.', 'Identifica los cables y los tomacorrientes.', 'Ten cuidado con las velas. Oculta los fósforos y los encendedores.', 'Presta atención a las parrillas y las fogatas', 'Evita los fuegos artificiales en la casa, no es un juguete.', 'Establece zonas prohibidas para el juego', 'Enseña día a día a tus hijos sobre los peligros existentes.', and 'Practica un plan de evacuación. Enséñales a los niños a detenerse, tirarse y rodar.' The middle section is titled '¿Cómo identificar una cicatriz patológica?' and shows two photos of scars with labels: 'Cicatriz rígida', 'Aumento anormal del grosor', and 'Enrojecimiento inesperado'. The right section is titled 'Cultura de Prevención y Promoción de quemaduras y cicatrices', presented by 'aniquem' and 'UPC Universidad Peruana de Ciencias Aplicadas', and features an illustration of a child painting a banner.

Learning to act in crisis and emergency situations



In June 2023, students from UPC's Psychology program conducted prevention workshops aimed at promoting a culture of preparedness among education students at the public education center Escuela de Educación Superior Pedagógica Pública de Monterrico, teachers at the Fantasilandia nursery school, neighbors of Ávila Park, and administrative staff of Mariposa Andina company.

These were conducted with a disaster risk management approach, helping to reduce psychological vulnerability behaviors and facilitating self-care during an emergency or natural disaster. The importance of being prepared for a disaster was emphasized through these workshops.



Workshops for parents



In May and June 2023, students from UPC's Psychology program conducted workshops for parents from AA.HH. Nuevo Milenio, the Asociación Mensajeros de la Paz in Chorrillos, and the Vaso de Leche program in San Borja.

The workshops covered topics such as emotion management, sexuality, assertive communication, parent-child bonding, coexistence, and positive parenting.

The goal was to promote the development of strategies for positive parenting, conduct preventive promotional activities for the mental health benefit of the community, and develop a preventive program for parents with children with different abilities.



Preventive oral health promotion project



In June and December 2023, UPC's Dentistry program carried out preventive oral health projects in partnership with the José María Arguedas Educational Institution in Chorrillos. The objective was to improve oral and nutritional health practices among the school's students.

Educational sessions and demonstrative workshops were conducted using pre-validated educational materials tailored to a specific population. Additionally, information was reinforced dynamically and recreationally through socialization, videos for parents, and infographics for both students and families to reach the expected competency levels.



Campaign “Día del Cepillado” (Brushing Day)



In December 2023, UPC’s Dentistry program, in conjunction with the UPC’s University Health Center (CUS), conducted the “Brushing Day” campaign. The aim was to educate everyone about the importance of oral hygiene and the correct technique for maintaining it.

The strategy applied was an educational campaign focused on oral health care. This campaign was conducted to commemorate “Brushing Day,” celebrated on October 27th, to promote oral health care among patients attending the UPC’s University Health Center.



Reducing hypertension morbidity and mortality rates in Pacífico de Villa Community



From September to November 2023, UPC's Medicine students conducted a campaign to reduce hypertension morbidity and mortality rates in the Pacífico de Villa community in Chorrillos.

The goal was to contribute to reducing morbidity and mortality rate due to arterial hypertension (AHT) through three key components: promoting a healthy diet, physical activity, and early diagnosis of AHT. Once the problem was identified, solution alternatives were explored through the logical framework methodology, which included educational workshops.

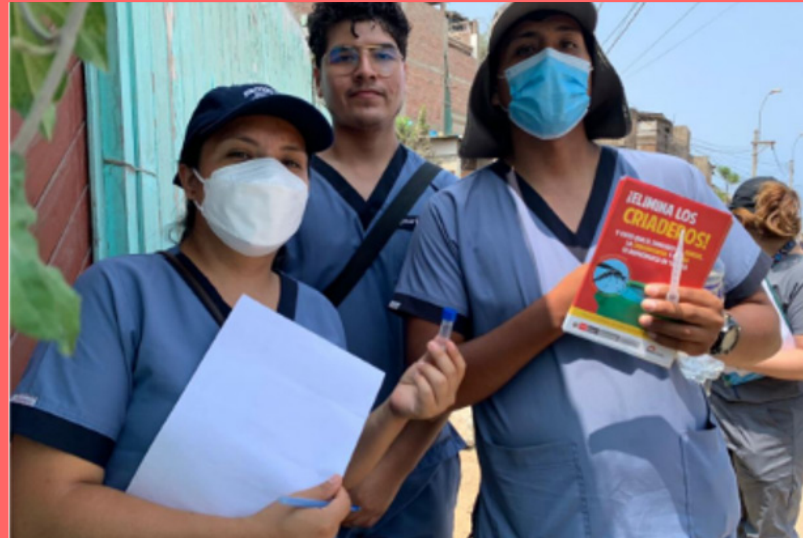


Dengue outbreak intervention: surveillance and vector control



During March and April 2023, UPC's Medicine students conducted a campaign to help control the dengue outbreak in the AA.HH. La Rinconada and José María Arguedas, located in San Juan de Miraflores.

The activity involved house-to-house vector control, addressing *Aedes aegypti* breeding sites. This activity provided learning about the determinants of a dengue outbreak and the activities for its prevention and control, including fieldwork in the community.



Clothing collection and shoe donation



During August and September 2023, the Fashion Design and Management program conducted a clothing collection campaign to donate to the NGO Aprendo Contigo. The clothes were sold to raise funds to provide quality education to students at a school in Andahuaylillas, Cusco. The objective was to raise awareness about the purchase and use of clothing.



Additionally, the program conducted a shoe collection campaign on the Monterrico, San Miguel, and Villa campuses to donate to the NGO Caminando Juntos, aiming to provide footwear to children in need.



Clothing Design Laboratory



In October 2023, the Fashion Design and Management program conducted the Clothing Design Laboratory activity to provide information on the proper use of textile materials, employing zero waste, upcycling, and subtraction techniques. The knowledge of using materials conscientiously with the environment was provided to avoid leaving waste that continues to pollute the environment.



UPC signs alliance with Ayuda en Acción Foundation to enhance rural teachers' skills



The Universidad Peruana de Ciencias Aplicadas (UPC) has established a valuable alliance with the renowned Ayuda en Acción Foundation to strengthen the skills of rural teachers in our country. This event involved the signing of the agreement and the presentation of the jointly developed educational methodological guide.

On August 9, 2023, at the San Isidro Campus auditorium of UPC, educational sector authorities, members of the academic community, and representatives of Ayuda en Acción gathered to initiate this important collaboration. During the event, the prioritized competency guide, which has been meticulously worked on and reviewed by members of UPN and UPC's School of Education, was presented.



Over 1000 Peruvian specialists acquired the latest international trends in educational innovation



The XXIII International Educators Congress (CIE) 2023, organized by the Universidad Peruana de Ciencias Aplicadas (UPC), brought together more than 60 prominent educators nationally and internationally on February 14, 15, and 16. The congress featured over 30 in-person and remote conferences and more than 50 different workshops.

The over 20 international speakers represented elite universities worldwide, such as the University of Helsinki, University of Cambridge, Universidad de Ciencias Aplicadas de Tampere, University College London, University of Arizona, George Mason University, Pacific Oaks College, University of Navarra, the Tecnológico de Monterrey, and institutions like the Inter-American Development Bank (IDB), among others.



UPC and PRONABEC: A historic alliance to strengthen education



The Universidad Peruana de Ciencias Aplicadas (UPC) and the National Program of Scholarships and Educational Loans (PRONABEC) have joined forces in an unprecedented agreement to enhance higher education in the country. Through the signing of an inter-institutional collaboration agreement, both institutions are committed to the “PRONABEC Education Ally” strategy. Additionally, they are working to increase opportunities for access, retention, and completion of higher education for those most in need.

The agreement was signed by Erickson Gutiérrez, Director of the National Coordination and International Cooperation Office, Edward Roekaert, Rector of UPC, and Juan Martín Valdivia Aguilar, Director of Finance at UPC. This agreement establishes a collaboration framework aligned with the vision of both institutions to promote equity and quality in education.



Digital Transformation and Technological Innovation on Higher Education Post-COVID-19



Authors: Deroncele-Acosta A.; Palacios-Núñez, M.L.; Toribio-López, A.

Abstract: The university is an important pillar in sustainable development; however, COVID-19 imposed new dynamics that called for rethinking university praxis to achieve this mission, and although the systematization of good practices is a powerful mechanism for understanding educational success, this perspective of positive change has been little developed. Hence, the present study aimed to identify positive cores of faculty in their successful post-COVID-19 performance. A qualitative methodological approach was deployed, with the Netnography method, complemented with elements of positive psychology, appreciative inquiry, and management of formative potentialities. The online community consisted of 1238 university teachers from 10 Latin American countries, who participated for two months in an appreciative interview as an asynchronous journey of constructive proposals, for the active co-construction of post-COVID-19 success factors. The findings reveal multiple affirmative topics grouped into nine positive cores, identifying two target categories: digital transformation and technological innovation, as well as the processes directly associated with their dynamization. Finally, the epistemic implications of the findings in theory and practice, and their relevance in the creation of a formative agenda of positive change for Latin American Higher Education, are presented.

Keywords: digital transformation; technological innovation; digital literacy; digital engagement; digital competence; digital technologies; online community; virtual environments; ICT; COVID-19

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Evidence of validity and reliability of DigCompEdu CheckIn among professors at a Peruvian private university



Authors: Gallardo-Echenique, E.; Tomás-Rojas, A.; Bossio, J.; Freundt-Thurne, Ú.

Abstract: Introduction: For some years now, various frameworks and self-assessment tools have been developed to describe the facets of teachers' digital competence, one of these being the DigCompEdu CheckIn. This has been validated in English in Morocco, in German in Germany, and in Spanish in Spain. The objective of this study is to validate the instrument that was developed in another context, so that it responds to the need to measure the digital competence of teachers at a private university in Lima, Peru, based on their self-perception. Method: An instrumental study was carried out to determine the evidence of validity and reliability of the DigCompEdu CheckIn tool. The sample consisted of 1,218 teachers from different areas: Art, Sciences, Social Sciences, Legal Sciences, Engineering and Architecture, Health Sciences, and Humanities. Results: The results indicate the regrouping of digital skills in a structure of three factors (F1, F2, F3) and 22 skills, unlike the original structure composed of six factors. This reduction in the structure of competencies does not rule out the interaction between general competencies, but rather maintains it. The three global competencies (Student Competencies (F1); Educators Professional Competencies (F2); Educators Pedagogical Competencies (F3) interact and interrelate. Conclusions: The findings show that the DigCompEdu CheckIn is a valid and reliable tool among teachers. New studies are needed to verify the three-factor proposal of the instrument for the Peruvian context, as well as its reliability in new populations and cultural contexts.

Keywords: digital competence, higher education, COVID-19, validity, reliability.

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Research Thesis for Undergraduate Engineering Programs in the Digitalization Era: Learning Strategies and Responsible Research Conduct Road to a University Education 4.0 Paradigm



Authors: Cacciuttolo, C.; Vásquez, Y.; Cano, D.; Valenzuela, F.

Abstract: Many university students have doubts about how or where to start writing their undergraduate thesis work; it is common not to be clear how to identify a research problem or even towards which topic their research is oriented, and there are doubts about how to process and systematize so much information available in the era of digitalization. This article presents learning strategies to formulate a research thesis for engineering undergraduate programs, with an emphasis on the use of information and communication technologies (ICTs) toward a University Education 4.0 paradigm. The main themes and issues discussed in this article, carried out through learning strategies for students based on the scientific method, are the following: (i) Recommendations for choosing a research topic, (ii) Guidelines for problem identification and question research, (iii) Suggestions for choosing a thesis advisor, (iv) Instructions for finding suitable sources of information, (v) Structure of the table of contents for writing the thesis manuscript, and (vi) Indications for preparing an oral defense of thesis research. This article highlights recommendations and precautions directed towards professors and students with the use of the chatbot-type artificial intelligence (AI) tool called ChatGPT for the formulation of the thesis under a respon-



Research Thesis for Undergraduate Engineering Programs in the Digitalization Era: Learning Strategies and Responsible Research Conduct Road to a University Education 4.0 Paradigm



sible conduct approach in research. This article concludes that the application of tutoring/guidance strategies between professors and students requires an adequate ethical use of information and communication technologies (ICTs) during the development of a research thesis to generate a comprehensive educational environment that encourages research and develops a sustainable learning process in the context of the University Education 4.0 paradigm.

Keywords: thesis; research; university; undergraduate program; engineering; students; professors; ethical issues; information and communication technologies; ChatGPT; education 4.0

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Self-motivational Beliefs that Enhance Self-regulation of Students in Virtual Courses



Authors: Pinto-Guillergua, V.; Gómez-Carbonel, P.E.; Montoya-Cantoral, E.; Mamani-Calcina, J.; Villalba-Condori, K.O.

Abstract: The present research exposes the way in which eight students selected from virtual environments of a Peruvian institute of higher education perceive their self-regulation processes in the planning stage. The approach is qualitative with a phenomenological interpretative design. Based on the interview of eight students enrolled in the distance learning modality. The main finding is that students have their own beliefs about themselves that help motivate them permanently in the assignments they must complete. Determined by both external and internal factors, these help academic tasks to be valued in a positive way, so that their completion gives them satisfaction.

Keywords: Self-regulation model; socio-cognitive learning; virtual environment; virtual learning; Peruvian institute of higher education, Self-regulation processes; Planning stage; Qualitative approach, Phenomenological interpretative design; Distance learning

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<https://www.scopus.com/record/display.url?eid=2-s2.0-85150171977&origin=resultlist>



Innovating Journalism Education with Podcasts: A Revolutionary Teaching Tool



Authors: Palomino-Flores, P.; Paul, D.; Cristi-Lopez, R.

Abstract: As digital platforms continue to rapidly replace traditional forms of media; journalism students require new skills to succeed in their future careers. This article examines the innovative use of podcasts as a teaching tool in journalism education, offering students the opportunity to develop storytelling and digital communication skills. The benefits and challenges of integrating podcasts into the curriculum are discussed, along with examples of successful podcasting projects. The importance of innovation in journalism education is emphasized to keep up with the changing media landscape. The potential of podcasts to transform journalism education and prepare students for a career in the digital age is underscored. By exploring the use of podcasts as a revolutionary teaching tool in journalism education, this paper reveals a new frontier in the field.

Keywords: Technological innovation, Engineering profession, Education, Transforms, Media, Journalism, Information age

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Use of Nearpod and Blum Modeling to Strengthen the Academic Performance of University Students in Mathematics



Authors: Carrillo-Yalán, M.E.; Vargas-Trujillo, C.E.; Villarreal-Montenegro, Y.; Carrillo-Yalán, E.M.; Suyo-Vega, J.A.; Puican, H.N.

Abstract: Introduction. The method used by educators at the higher level is not usually the most appropriate, which usually affects the learning process of students and, in turn, their academic performance. The main of this study is to demonstrate that Blum's modeling and the use of the Nearpod strengthen academic performance in the mathematics course in university students. Method. applied typology, quantifiable approach, explanatory level and pre-experimental design, likewise, the sample consisted of 30 university students, to whom a questionnaire created and validated by the researcher was applied. RESULTS. they indicate that Blum's modeling and the use of the Nearpod strengthen academic performance ($p=0.000<0.05$). Discussion. Using the Nearpod as a tool to improve academic performance is effective, because it presents characteristics that motivate the student to learn.

Keywords: Tool, teaching, learning; academic performance; student, mathematical modelling; Nearpod

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Mobile Augmented Reality Application for Augmented Reality Visualization in the Educational Context



Authors: Mazzarri Rodríguez, C.J.; Leyva Calle, J.A.; Padilla, A.B.

Abstract: En la actualidad, los continuos desarrollos tecnológicos son constantes en la sociedad, mejorando nuestras vidas en diferentes aspectos, como el entretenimiento, la información y la comunicación. En este contexto, uno de los principales ámbitos que puede beneficiarse de ello es la educación. Los constantes avances tecnológicos deben aplicarse al sistema educativo para estar a la altura de los cambios en nuestro estilo de vida. La realidad aumentada (RA) es una tecnología innovadora que permite a los smartphones combinar el entorno real con objetos virtuales. A través del acelerómetro, el giroscopio y la cámara del dispositivo, la RA coloca modelos 3D en la pantalla según el movimiento del usuario, creando una experiencia interactiva. Esta tecnología puede permitirnos mejorar la experiencia de aprendizaje en las escuelas, dinamizando la enseñanza y aumentando la motivación y el interés de los alumnos en muchas materias, como matemáticas y ciencias, entre otras. El presente trabajo propone la creación de una aplicación móvil con herramientas que permitirán no sólo a los alumnos, sino también a los profesores, visualizar e interactuar con cualquier modelo 3D relacionado a las materias escolares, complementando el proceso de aprendizaje y haciendo la experiencia más interesante para ellos. Además, los profesores pueden añadir toda la información que consideren necesaria en la página de cada modelo, para describir, explicar o señalar todo tipo de datos relevantes para su clase. El principal aporte de este estudio es que el sistema permite a los profesores encapsular



Mobile Augmented Reality Application for Augmented Reality Visualization in the Educational Context



los conocimientos en una unidad de aprendizaje organizada, mejorando la experiencia de aprendizaje de los alumnos. El efecto de la aplicación en el aprendizaje fue evaluado a través de encuestas a 5 profesores de secundaria de colegios del Área Metropolitana de Lima después de haber probado la aplicación.

Keywords: Aplicación móvil, aprendizaje, educación, enseñanza, realidad aumentada.

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Optimization of Cost Analysis in School Construction: Risk Management



Authors: W. Andres, E. Palmer, E. Sebastian, A. Sotelo, K. Janice and M. Vargas

Abstract: This paper proposes to optimize the conventional cost analysis used by SMEs in school construction through qualitative analysis using Primavera Risk Analysis, Microsoft Excel, and Primavera P6. Several stages were carried out during the process: risk identification, identification of the most sensitive and susceptible items to project changes, sensitivity analysis, criticality analysis, all represented in tornado, bar, and scatter plots. The proposed risk management plan yielded the following results: it increased the reliability of the project's completion date from 41% to 61% in the analysis, increased budget reliability from 29% to 45%, and reduced the number of sensitive items based on 1000 iterations.

Keywords: Uncertainty; Sensitivity analysis; Estimation; Reliability engineering; Tornadoes; Planning; Risk management; risk management; Primavera Risk Analysis; costs; sensitivity; reliability; SMEs

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Effective Leadership Strategies: Bridging Gaps in the Latin American Educational System



Authors: Jhonny Richard Rodriguez-Barboza , Karina Raquel Bartra-Rivero , Rebeca Pablo-Huamani , Elizabeth Sandoval-Lara , Carmen Gisela Ramos-Ventura

Abstract: This research addresses School Leadership (LDE) in Latin American educational institutions, focusing on how leadership affects educational quality and school climate. A descriptive bibliographic review methodology was employed, analyzing 38 indexed journal articles to identify trends and patterns in school leadership. The results revealed a recurring concern about the lack of managerial skills and the need for continuous training for managers, teachers, and administrative staff. Additionally, the importance of adapting leadership styles to promote positive learning environments and active participation of all members of the educational community was highlighted. The conclusions underscore the need for innovative strategies to improve management skills and promote an inclusive and enriching school climate. The discussion highlights the variability in the effectiveness of current leadership practices and the need for more detailed research approaches to better understand the impact of LDE in the educational field, suggesting that effective leadership is key to facing challenges and improving the quality of education.

Keywords: School Leadership, Managerial Skills, Educational Quality, School Climate, Innovative Strategies,

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Framework for Improving Authenticity and Traceability in Educational Institution Evaluations in Perú Based on a Blockchain Architecture



Authors: Rodrigo Silva, José De la cruz, Lenis Wong

Abstract: During emergencies like COVID-19, maintaining educational quality involves integrating non-specialized online. Therefore, a framework is proposed to improve the authenticity and traceability in the assignation of grades in online classrooms of educational institutions in Perú. The proposed framework will impact students and teachers. The former, will be able to have more confidence in their exam grades, which will avoid request to the professors to review them. The latter will trace their students learning in an organized way, which will allow them to assess them continuously. The framework consists of three phases: (1) design of the blockchain architecture, (2) design of the web application architecture and (3) implementation of the web application. It was validated with the application of two experiments made with the support of twenty Peruvian students and a survey conducted with three experts. The validation results show that the proposed framework reduces the time required for the request of study certificates by 99.96% and the survey results by the experts showed that “Traceability”, “Authenticity”, “Performance”, and “Usability” obtained an average rating of 4.83 (very high), 4.7 (very high), 4 (high), and 4 (high) respectively.

Keywords: Surveys; COVID-19; Education; Computer architecture; Service-oriented architecture; Blockchains; Usability; Education Evaluation; Traceability; Authenticity; Blockchain; Architecture; Web applications; Framework,

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Beyond the Screen: Exploring the Impact of Virtual Learning on the Socioemotional Well-Being of University Students and Educators



Authors: Paola Palomino-Flores, Ricardo Cristi-López & David Paul

Abstract: The aim of this study was to examine the socioemotional well-being of students in higher education and educators who are engaged in virtual learning environments. To ensure a comprehensive understanding of the research topic, a sequential mixed-method approach was utilized. The study commenced with gathering qualitative data through semi-structured interviews, which were then subjected to thematic analysis to identify recurring patterns. Subsequently, quantitative techniques, such as Natural Semantic Networks, were applied to analyze the interview data statistically. The study included a sample of 50 participants, consisting of 30 students and 20 educators, who were affiliated with a private online university located in Lima, Peru. The data was analyzed using descriptive statistics and Grounded Theory elements. The findings showed inconsistencies in emotions among teachers and diverse emotions among students, with satisfaction, uncertainty, and tension being the most commonly reported emotions. The study highlights the importance of promoting socioemotional well-being, which is crucial for human development, and can be achieved by implementing appropriate strategies and resources. This research suggests that promoting well-being through such strategies can help mitigate the negative impacts of virtual education on mental health and facilitate positive academic outcomes.

Keywords: Intelligent Technologies and Robotics; Intelligent Technologies and Robotics (R0)

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Assessing Cheating in MOOCs



Authors: Cristina Dreifuss-Serrano; Pablo C. Herrera; José Reátegui; Frederico Braida

Abstract: The research conducts a systematic literature review on assessment and cheating in MOOCs. We highlight emerging issues in MOOC pedagogy and the need for further evaluation research, regarding the empirically identified ways in which students engage in acts of dishonesty while taking MOOCs. Analyzing research between 2011 and 2022, we identified the geographical distribution of publications and their association with Sustainable Development Goals and Quacquarelli Symonds (QS) Classification. The most cited papers are categorized according to types of research. Finally, the research focuses on the works directly engaging in assessment, cheating, and ethics. The analysis reveals that depending on the subject of the paper, types of research might vary. We conclude by noting that while assessment and cheating are part of research on MOOC, the number of papers focused solely on those subjects is considerably smaller. Depending on the main focus, types of research vary, showing trends but also areas in which the discipline could further develop.

Keywords: Computer aided instruction; Ethics; Electronic learning; Systematics; Bibliographies; Market research; Sustainable development; assessment; evaluation; research; dishonesty; ethics

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Formative Feedback in Blackboard Learn Environment for College Academic Literacy of Engineering Students



Authors: Mónica F. Ramos-Neyra, Rossana F. Felipa Andrade, Laritza T. Ramírez-Rodríguez, M, Sindy Tippe-Marmolejo, and Yasmina Riega-Virú.

Abstract: The COVID-19 pandemic spread the virtual mode to the masses through various learning platforms. In higher education, the possibilities offered by these platforms were used to innovate evaluation in e-learning environments. Due to the formative needs of engineering students regarding academic writing, the objective of the research is to determine the impact of virtual formative feedback on the academic literacy of engineering students in a writing course with the support of the virtual learning environments. The study corresponds to a pre-experimental investigation in a sample made up of 39 students. The Wilcoxon signed rank test gave an overall value of -5.388b. Therefore, it demonstrates that formative feedback has a positive impact on the development of academic literacy in the Blackboard virtual environment.

Keywords: formative feedback, assessment, e-learning, Blackboard Learn Ultra, academic literacy.

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Impact of e-cigarettes use on the oral health-related quality of life among young people in Metropolitan Lima



Authors: Fernando Vargas-Claudio, 1 Olga Castilla- Minaya, 1 Ximena Leon-Rios

Abstract: Aim: To determine the effects of e-cigarette use on oral health-related quality of life (OHRQOL) in young people in Metropolitan Lima. Materials and Methods: This observational, analytical and cross-sectional study was performed with 189 individuals (age, 18–29 years) who used electronic cigarettes. The OHIP-Sp5 instrument was used to assess OHRQOL. Results: The use of e-cigarettes was higher among male participants (47.79%) than that among the female participants (26.32%). The mean OHRQOL scores of individuals who did and did not use e-cigarettes were 3.17 (2.26) and 3.12 (2.47), respectively. These scores for people who did and did not use mouthwash were 2.92 (2.34) and 3.57 (2.43), respectively. Regarding orofacial pain 2.65% participants frequently reported “painful discomfort” and 7.41% of the young people presented such discomfort of orofacial aspect “frequently.” Conclusions: Recording e-cigarette uses and frequency in patients’ medical records is important, as well as incorporating educational strategies to reduce e-cigarette consumption and avoiding harmful effects on general health.

Keywords: Vaping; Electronic nicotine delivery systems; Young adult; Quality of life, Life style; Oral health.

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Mobile application for interactive learning of human anatomy using augmented reality



Authors: J. C. Hernandez Castillo, G. S. Q. Calixto, A. A. A. García and D. A. S. Oviden

Abstract: Aim: To determine the effects of e-cigarette use on oral health-related quality of life (OHRQOL) in young people in Metropolitan Lima. Materials and Methods: This observational, analytical and cross-sectional study was performed with 189 individuals (age, 18–29 years) who used electronic cigarettes. The OHIP-Sp5 instrument was used to assess OHRQOL. Results: The use of e-cigarettes was higher among male participants (47.79%) than that among the female participants (26.32%). The mean OHRQOL scores of individuals who did and did not use e-cigarettes were 3.17 (2.26) and 3.12 (2.47), respectively. These scores for people who did and did not use mouthwash were 2.92 (2.34) and 3.57 (2.43), respectively. Regarding orofacial pain 2.65% participants frequently reported “painful discomfort” and 7.41% of the young people presented such discomfort of orofacial aspect “frequently.” Conclusions: Recording e-cigarette uses and frequency in patients’ medical records is important, as well as incorporating educational strategies to reduce e-cigarette consumption and avoiding harmful effects on general health.

Keywords: Human anatomy; Pandemics; Computational modeling; Education; Knowledge based systems; Mobile applications; Proposals; Augmented Reality; Human Anatomy; Anatomy education; Mobile Application

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Entrepreneurship training for the development of entrepreneurial skills in Latin American basic education. A literature review

Authors: María Fernanda Atoche-Peralta, B.Ed., Laura Rosa Milagros Ibarra-Echevarria, Marcos Fernando Ruiz-Ruiz, Ulrike Sallandt

Abstract: Entrepreneurship education has been seen over the last decade as a means to establish social and economic improvements in Latin American countries. This study sought to analyze and synthesize some intervention studies published during the last ten years in Scopus and Web of Science on the impacts of entrepreneurship training for the development of entrepreneurial skills in basic education in Latin America. From a systematized literature review, 76 documents were obtained from Scopus and 68 from Web of Science, which were analyzed into four categories. It was determined that the articles found came from Spanish-speaking countries, with Spain being the one with the highest production. Furthermore, the types of objectives considered for entrepreneurship training are related to the economic and social areas of Latin America, in which better development is expected. Likewise, there is more research on entrepreneurship training at the secondary level than at the primary level of basic education. Also, the findings indicate that the region intends to emerge thanks to the help of entrepreneurship training disciplines and its promotion in education. This study opens new lines of inquiry by raising some questions such as: why is there little information regarding the teaching of entrepreneurship at the primary level of basic education? What specific training do teachers need to teach entrepreneurship? And finally, how is entrepreneurship taught at the primary level to develop entrepreneurial skills and competencies?

Keywords: entrepreneurship; basic education; competencies; Latin America; literature review

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Higher education student's attitude towards using gamification and its relation with achievement



Authors: Celis, Magna Guerrero; Fajardo, Soraya Yrigoyen; Sambuceti, Giovanna Vassallo; Barros, Rossana

Abstract: The aim of this study was to determine the possible relation between higher education students' attitude towards the use of gamification with their academic performance. 'Gamification is using game-based mechanics, aesthetics and game thinking to engage people, motivate action, promote learning, and solve problems' [1, p. 10]. 280 first year university students taking a basic mathematics course participated in the study. Gamification activities were part of the course. Students were asked to answer a survey that measured their attitude towards the gamification activities and a survey that assessed their motivation. Students were also assessed on mathematical achievement. Correlations between the measures were carried out to find out if there is a relationship between their attitude toward these activities, their motivation and their performance. Results show that there was a significant relation between attitude towards gamification activities and student's motivation ($r=.92, p<.01$), but two correlations between attitude and motivation with their mathematical achievement were found non-significant ($r=.04, p=.65; r=.02, p=.76$). These results highlight the importance of using new activities like gamification to keep students motivated, but this has no relation with their performance. A future experimental study is needed to assess the impact of these activities on students learning.

Keywords: Surveys; Correlation; Atmospheric measurements; Education; Games; Position measurement; Particle measurements; gamification; academic performance; education.

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Virtual Classroom and the Impact of E-Skills on the Performance of Peruvian University Students



Authors: Paola Palomino-Flores & Ricardo Cristi-López

Abstract: The objective of the study is to explore the experiences of students in the virtual classroom and the impact of digital competencies on the performance of students. Participants were 363 university students enrolled in the School of Communication at a private university in Peru. The instrument used was a 10-question questionnaire, based on a Likert scale. According to the results, the participants concluded that they were not entirely satisfied with the virtual classrooms, as they found it difficult to have a precise anchorage in the learning process. In addition, there are gaps related to the contents elaborated by teachers for asynchronous classes and synchronous lessons, finding advantages in the synchronic lessons, being valued by the student, because they can interact live and feel that they have a tutor supporting them. For this reason, information should be distributed in a straightforward and creative approach, avoiding long online periods and allowing long content in digestible and downloadable formats.

Keywords: Perspectives and Trends in Education and Technology (pp.503-512)

http://dx.doi.org/10.1007/978-981-99-5414-8_46



Analysis of the didactic criteria in the creation of mathematical problems for scenic arts and communications



Authors: Roger Ivan Soto Quiroz, Daniel Noboru Yogui Takaesu, Alejandro Walter De la Cruz Sánchez

Abstract: This study aims to analyze the didactic criteria used by teachers in the creation of mathematical problems at the university level, considering the need to deepen research on this subject. Methodology: This is qualitative research, with a phenomenological design, applying the in-depth interview as an information gathering technique and selecting as a non-probabilistic sample and for convenience, five teachers, a coordinator and five students from the Professional Careers of Communications and Scenic Arts of a private University of Lima Peru. Results: The information analysis was carried out by extracting the emerging categories of the participants' speeches, allowing the identification of seven didactic criteria in the elaboration of mathematical problems: 1) The problem must be from everyday life, 2) Search for information to elaborate the problem, 3) The time that is used to elaborate the problem, 4) Know the target audience to which the mathematical problem is directed, 5) Interest and motivation of students when solving practical mathematical problems, 6) Quantitative reasoning skills and 7) Reflection on problematic situations.

Keywords: Didactic Criteria, Creativity, Math Problems, Mathematical Skills, Quantitative Reasoning.

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[10.58262/ArtsEduca.3712](https://doi.org/10.58262/ArtsEduca.3712)



University Students' Perceptions of the Academic Impact of the COVID-19 Pandemic



Authors: Cangalaya-Sevillano, Luis Miguel; Postigo-Zumarán, Julio; Arias-Chávez, Dennis ; Berrios-Espezúa, Mario Gustavo; Espinosa-Izquierdo, Jaime

Abstract: Introduction: During the COVID-19 pandemic, higher education has faced the transition to distance learning, with important repercussions on academic performance as well as on other aspects of students' lives. Objective: To provide validity to the ACAD-COVID-19 scale and to evaluate the perception of university students in Lima about the academic repercussions caused by the COVID-19 pandemic. Methods: The study was of descriptive and cross-sectional design, during the year 2021. A sample of 608 students in their first academic year of different careers from 5 universities in Lima was obtained. The ACAD-COVID-19 scale of 8 items and Likert scale alternatives was applied. Descriptive and factorial analyses were performed using SPSS version 26.0. Results: The instrument was found to be reliable. Three factors were determined, which can be associated with the academic, economic and fear of illness or death generated by the COVID-19. 61.3% of the students from Lima expressed indifference with respect to the perception of the academic impact generated by the coronavirus, with an overall average of 3.21 for the items. The highest mean was for question 5 (3.47). Conclusions: Validity was provided to the ACAD-COVID-19 scale with its application to the Lima university population in a quarantine period during 2021. Students, in general, expressed indifference in their perception of the academic impact generated by the coronavirus, although among the perceived repercussions, the fear of getting sick when returning to classes was predominant. © 2023, Editorial Ciencias Medicas. All rights reserved.

Keywords: COVID-19; distance education; pandemics; universities.

