

Proceedings
of
4th International Conference On
Business, Management, Environmental,
and Social Science 2024 (BMESS-2024)
&
7th International Multi-Topic Conference
on Engineering and Science (IMCES)

25-27 April 2024

*Bath Spa University, Academic Center Ras Al-Khaimah-
UAE*

Proceeding Editors:
Bishwajeet Pandey, M N Brohi, B S Chowdhry, Arthur
James Swart

About BMESS'2024 and IMCES'2024

4th International Conference On Business, Management, Environmental and Social Science 2024 (BMESS-2024) and 7th International Multi-Topic Conference on Engineering and Science (IMCES) to be held in Hybrid mode on 25 April-26 April 2024 (ONLINE for those participants, who don't reach UAE, offline for those participant, who shall reach UAE). BMESS'2024 intended to attract innovative technical and scientific work in the field of computer science and electronics engineering. The response to the conference was overwhelming and we are proud to state that we have received really good quality contributions and we are sure as either online or offline participant you will share the same sentiment. All accepted papers will be submitted to WOS-ESCI/Scopus (see list on conference website) and hopefully these papers will be available online by middle of 2024.

As a chair and on behalf of the organizing committee, we are extremely happy to host you in UAE. And as a participant, you shall be able to visit UAE from different parts of the world to share and you will contribute in the areas of your expertise. We hope to provide a good hybrid platform to the participants of BMESS'2024 and IMCES'2024 where not only they meet and share their vision, ideas but also fertilize their thoughts in the ever-growing area of computer science and electronics engineering technologies. We are also confident that our keynote speakers will be able to enrich your knowledge during the conference and we wish you a very safe stay at your home country if you are not coming to UAE and happy Journey if you are coming to UAE.

It is the 30th conference hosted by Gyancity Research Consultancy in association with partner university across the globes, next two conferences in 2024-2025 are following:

10th International Conference on Green Computing and Engineering Technologies (ICGCET)
18 - 19 September 2024, Sea Cliff Resort, Zanzibar <https://icgcet.org/>

9th International Conference on Recent Trends in Computer Science and Electronics (RTCSE®)
January 3-5, 2025, University of Hawaii, Manoa 2520 Correa Road, Hawaii, USA
<https://rtcse.org/>

Best wishes.

Prof M N Brohi, Bath Spa University, Academic Centre Rak Al Khaimah, UAE

Dr Bishwajeet Pandey, Jain University, Bangalore, India

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BMESS-IMCES'2024 Schedule

25 April 2024

Inaugural Session

- Holy Quran Recitation
- UAE National Anthem

10:00AM-10:10AM (UAE Time)

Welcome Speech: General Chair Prof M N Brohi, Bath Spa University, AC RAK. Ras,UAE

10:10AM-10:20AM (UAE Time)

Speech: H.E. Faisal Niaz Tirmizi, Ambassador of Pakistan to UAE.

10:20AM-10:30AM (UAE Time)

First Keynote: DR. KRISTOFFER FRANZ MARI R. MILLADO, Chairman and President of the Ramon Magsaysay Memorial Colleges, Mindanao, Philippines

Physical Session @ Bath Spa University, Academic Center Ras Al-Khaimah-UAE

10:30-13:00 PM (UAE Time)

Session Chair: Prof Bishwajeet Pandey, Jain University, Bangalore, India

Paper Id: 6269, 8411, 8908, 2769, 3611

13:00AM-13:10 AM (UAE Time)

Speech: Dr Steve Reissing, Chief Academic Zone Officer, Ras Al Khaimah Economic Zone

13:10-13:40 (UAE Time)

Second Keynote by Dr Leila Rzayeva, Astana IT University, Astana, Kazakhstan

13:40-13:50 (UAE Time)

Motivational Speech by Member BOG Higher Education Commission, Distinguished National Professor, and Meritorious Professor Dr B S Chowdhry

13:50-14:00 (UAE Time)

Vote of the Thanks: Mr. Raja Sajjad Hussain, CEO Bath Spa University, Academic Center RAK.

14:00-14:30: LUNCH BREAK

14:30-17:00 (UAE Time)

Chaired by Dr Arthur James Swart, Central University of Technology, South Africa

Paper Id: 3613, 3616, 3617, 3850, 3851, 3855, 3866, 3867, 3868, 3875

18:00-21:00 (UAE Time) DINNER

April 27, 2024

Group-1: Online Session 1: Chair: Prof Dr Vladimir Ivanov, Herzen State Pedagogical University, St Petersburg, Russia/Dr Liju Thomas.

Link: <https://meet.google.com/ohf-wtvo-eed>

Time: 9:30am-11:30am (UAE Time)

Paper Id: 2190, 2387, 3205, 7193, 7332, 3612, 3620, 3713, 3820, 3852, 3853

Time: 12:00pm-2:00pm (UAE Time)

Paper Id: 3803, 3817, 3862, 3861, 3860, 3814, 3810, 3816, 3802, 3804

14.00: LUNCH BREAK

April 27, 2024

Group-2: Online Session 2: Chaired by Dr Arthur James Swart, Central University of Technology, South Africa/Dr Faisal, BSU AC RAK.

Link: <https://meet.google.com/dsh-ctin-jkp>

Time: 9:30:00-11:30 (UAE Time)

Paper Id: 3339, 3805, 3809, 3807, 3859, 3806, 3815, 3856, 3857, 3813, 3811, 9664

Time: 12:00pm-2:00pm (UAE Time)

Paper Id: 3812, 3858, 3701, 3702, 3703, 3704, 3705, 3706, 3854, 3865, 3656

14.00: LUNCH BREAK

OFFLINE SESSION 10:00-17:00 (UAE Time)

SESSION CHAIR: Dr Bishwajeet Pandey, Astana IT University, Kazakhstan

S.No.	Paper Title	Preseneter Name
6269	Frequency Scaling Based Low Power Design of DES Encryption Algorithm on 16 nm FPGA	Bishwajeet Pandey, Astana IT University, Kazakhstan
8411	Academics reap benefits from sowing engagement with the Scholarship of Teaching and Learning	Arthur James Swart, Central University of Technology, South Africa
8908	Clock Gating Based Low Power Design of DES Encryption Algorithm on 16 nm FPGA	Gyancity Research Consultancy, India
2769	The Conceptual Development of Halal Branding and Brand Loyalty: A Case of Pakistan	M Sohail Youns, University of the Punjab Sub Campus Jhelum, Pakistan
3611	Cultural Dimensions and Stock Market Response: Analyzing the Impact of Covid-19 Pandemic on Individualism and Power Distance	Israfeel, International Islamic University Islamabad, Pakistan.
3613	Fund managers' abilities: Seven strategies driven approach	Dr Faisal & Dr Hamid, Department of Business & Management, Bath Spa University, AC RAK, UAE
3616	Suffering Silence and Task Performance While Exposed to Workplace Bullying: The Role of Psychological Distress.	Dr Abbas & Dr Nawaz Department of Business & Management, Bath Spa University, AC RAK, UAE
3617	Psychological Assessment, Diagnosis and Psychotherapy of a Sexually Abused Girl at Preschool Age, by Using Different Psychometric Tools and Therapeutic Techniques	Ms Saima Department of Psychology Bath Spa University, AC RAK, UAE
3850	IMPACT OF AGE AND GENDER ON OPTIMISM AMONGST RESIDENTS OF UAE	Ms Sana & Abeera Research Scholar Department of Psychology Bath Spa University, AC RAK, UAE
3851	A Qualitative Study of Gender Differences on Dimensions of Pain	Ms. Abeera Research Scholar Department of Psychology Bath Spa University, AC RAK, UAE
3855	Implementation of Differentiated Instructions Leads To Satisfying University Teachers	M Mudassar Director General University of the Punjab, Gujranwala Campus, Pakistan

Paper Id	Paper Title	Presenter Name
3866	Exploring the Interplay Between Academic Success and Language Mastery Among Foundation Students	MARCE LINO JR C. CABANA,

		Bath Spa University Academic Center, RAK, UAE marscabana@gmail.com
3867	Emotional Well-Being and Work Satisfaction Among Employees of United Arab Emirates	JAMAL D. MAGANTOR Psychology Lecturer , Metaverse Age Training Institute Dubai, UAE jamaldmagantor@gmail.com
3868	Sustainability and Financial Performance in the Banking Industry of the United Arab Emirates	Ain Bemisal Alavi Business and Management, Bath Spa University Academic Centre, RAK, UAE ain@bathspa.ae
3875	ROLE OF SELF-EFFICACY AND LOCUS OF CONTROL IN INTERTEMPORAL CHOICES	Angeleena Yalamanchili, Abel Anil Thomas Department of Psychology, Bath Spa University, AC RAK angeleenayalamanchili@gmail.com

ONLINE SESSION 9:30:30-14:00 (UAE Time)

Paper Id	Paper Title	Presenter Name
2190	Bibliotherapy: Its Implementation in Achieving Organisational Goals	Dr Chipo Mutongi , Midlands State University, Zimbabwe
2387	Strategies to strengthen socioemotional competencies in RBE students in Latin America: A systematic review	Tania Pacheco , Universidad César Vallejo. Lima, Perú
3205	Pedagogical competencies oriented to teacher performance: a systematic review	Cleofe Nerita Neyra Moreyra , Universidad César Vallejo. Lima, Perú
3339	Digital Competence and Cooperative Learning in High School Students	Johnny Félix Farfán Pimentel , Universidad César Vallejo. Lima, Perú
7193	AR LIBRARY NAVIGATOR: A Library Navigation System Using Augmented Reality	Sallar Khan , Technological University, Dublin, Ireland
7332	Impact Of The Las Bambas Mining Canon On The District Development Of Challhuahuacho - Cotabambas Apurimac 2016-2018	Juan Alarcon , Universidad Tecnológica de los Andes, Perú
9664	Analysis of the validity and reliability of the Peruvian version of the questionnaire "Students' attitudes towards integration in physical education (CAIPE-R)"	Camacho Chavez Percy , Universidad César Vallejo. Lima, Perú
3612	Role of Electronic Marketing in Academia: A study of Private Sector universities in Karachi.	Abdul Fatah SZABIST University Karachi, Pakistan
3620	Reenergizing Organizations: How can a Research-Based VSS Framework Cater for Low-Turnover Challenge	Dr Ayoub & Dr Qamar Buckinghamshire New University & National University of Modern Languages
3713	Tit for Tat! The Role of Idiosyncratic Deals to Improve Extra-role Performance: A Moderated Mediation Model	Dr M Nawaz Postdoc Fellow, School of Management Science and Engineering, Nanjing University of Aeronautics and Astronautics, Nanjing 211106, China
3820	How Customer Relationship Marketing Influence Customer Retention in A Bank Industry	Dr ANN Mapua Malayan Colleges Mindanao & University of Southeastern Philippines
3852	The Extent of Investor Behaviour in the Decision-Making for Davao City Entrepreneurs	Dr ANN Mapua Malayan Colleges Mindanao and University of Southeastern Philippines

3853	Debt Collection Practices and Cash Flow Management among Retail Businesses in Davao City	Dr ANN Mapua Malayan Colleges Mindanao & University of Southeastern Philippines
3803	SELF-CONCEPTS AND TEACHING STRATEGIES OF TENURED MATHEMATICS TEACHERS	CHRISTIAN JAY P. FAJARTIN, MAED, LPT christianjayfajartin@gmail.com
3817	FACTORS AFFECTING THE LICENSURE EXAMINATION FOR TEACHERS' (LET) PERFORMANCE OF RAMON MAGSAYSAY MEMORIAL COLLEGES' GRADUATES	CARLO MAGNO FAJARTIN, CPA, MBA magnecharle0712@gmail.com
3862	saTEACH-nology: EXPLORING THE CHALLENGES OF MASTER TEACHERS ON ICT INTEGRATION TO INSTRUCTION	JOHN MARSHAL A. BANQUERIGO Johnmarshal.banquerigo@deped.gov.ph
3861	EXPLORING THE EXPERIENCES OF THE IP PARENTS IN THE IMPLEMENTATION OF CHILD PROTECTION POLICY IN THE INDIGENOUS CULTURAL COMMUNITY	Joseca A. Bagon bagonjoseca28@gmail.com
3860	READING COMPREHENSION LEVEL AMONG GRADE 7 LEARNERS OF GENERAL SANTOS CITY NATIONAL HIGH SCHOOL: BASIS FOR A PROPOSED INTERVENTION PROGRAM	CHARITY B. LAROZA-ARTAJO charity.laroza@deped.gov.ph
3814	GRAPPLING THE EXPERIENCES OF JUNIOR HIGH SCHOOL STUDENTS IN ATTENDING ENGLISH-WRITTEN MODULAR CLASS: A PHENOMENOLOGY OF ACADEMIC SACRIFICE	DIVINE F. SANZ divinesanz@gmail.com divine.sanz@deped.gov.ph
3810	FACTORS AFFECTING THE ACADEMIC PERFORMANCE OF THE BSED SCIENCE STUDENTS	Julius Czar Umadhay umadhayjulius361@gmail.com
3816	A PHENOMENOLOGY OF ACADEMIC CONSTRAINTS OF ENGLISH LANGUAGE PROFICIENCY OF SENIOR HIGH SCHOOL HUMANITIES AND SOCIAL SCIENCES LEARNERS	GUY BLESS FE LAROZA-VELASCO guybless.laroza@deped.gov.ph

3802	FACTORS AFFECTING THE LICENSURE EXAMINATION FOR TEACHERS' (LET) PERFORMANCE OF RAMON MAGSAYSAY MEMORIAL COLLEGES' GRADUATES	Christian Jay Fajartin, MAED, LPT DJ Brylle Silao, LPT christianjayfajartin@gmail.com djbryllesilao@gmail.com
3804	A COMPARATIVE STUDY ON THE PEDAGOGICAL COMPETENCE OF INCOMING FOURTH YEAR EDUCATION STUDENTS	CONSES DIANNE P. FAJARTIN, MAED, LPT consesdiannefajartin24@gmail.com
3805	CLASSROOM MANAGEMENT, ACADEMIC LOCUS OF CONTROL, AND COMMUNICATION COMPETENCE: A	Gemma Landerio-Reyes

	STRUCTURAL EQUATION MODEL ON LANGUAGE- LEARNING ATTITUDES	
3809	LEVEL OF DIFFICULTY IN SWIMMING AMONG 2ND YEAR BPED STUDENTS: BASIS FOR INTERVENTION PROGRAM	Kaye P. Fulgencio kayefulgencio03@gmail.com
3807	EMOTIONAL INTELLIGENCE AND LEADERSHIP PRACTICES OF THE VARSITY TEAM CAPTAINS	Lorence Trisha Marie C. Duran lorencetrisha.duran@gmail.com
3859	EXPLORING THE BEAUTY OF NURSERY RHYMES IN TEACHING AND LANGUAGE ACQUISITION: A SINGLE CASE STUDY OF THE HERITAGE ACADEMY OF THE PHILIPPINES INC.	Alondra L. Formentera formenteraalf1265@gmail.com
3806	TEACHERS' CLASSROOM MANAGEMENT STRATEGIES IN HANDLING ELEMENTARY LEARNERS' MISBEHAVIOR IN LAGAO SECOND BARRIO ELEMENTARY SCHOOL: BASIS FOR INTERVENTION PROGRAM	Mariton P. Cueme maritoncueme2001@gmail.com
3815	IN-DEPTH EXPLORATION OF LEARNING ENGAGEMENTS' EXPERIENCES OF READER-RESPONSE APPROACH IN ANGLO-SAXON LITERATURE: A MULTIPLECASE STUDY	RONEL P. SELVERA ronel.selvera@gmail.com
3856	THE MEDIATING EFFECT OF PROFESSIONAL DEVELOPMENT ON THE RELATIONSHIP OF EPISTEMOLOGICAL BELIEFS AND WORK MOTIVATION AMONG PUBLIC ELEMENTARY SCHOOL TEACHERS	Glenn A. Taladro glenn.taladro@deped.gov.ph
3857	THE MEDIATING EFFECT OF MORAL FOUNDATION TOWARDS MOTIVATION AND PASSION FOR TEACHING AMONG PUBLIC SCHOOLS TEACHERS: BASES FOR PROPOSED SUSTAINABILITY PROGRAM.	Renelyn Mae G. Reponte renelynmae.reponte@gmail.com
3813	UNVEILING THE CHALLENGES OF TEACHERS IN THE IMPLEMENTATION OF HOMEROOM GUIDANCE PROGRAM	Hazel D. Jimena hazeljimena8099@gmail.com
3811	UNDERSTANDING THE EXPERIENCES OF TEENAGE PARENTS: THE CASE OF INDIGENOUS PEOPLE-OUT OF SCHOOL YOUTH IN SITIO BUKAY- EEL	Kathyrine D. Comaling kathyrine.comaling@deped.gov.ph
3812	THE ART OF EMPOWERMENT: CAPTURING THE REFLECTIONS OF EDUCATORS' PERSONAL JOURNEY	Jayrose Lyn S. Cosico esoryajray@gmail.com
3858	LEARNING IN AN AGE OF OPPORTUNITY: UNTOLD STORIES OF JUNIOR HIGH SCHOOL LEARNERS WITH SPECIAL NEEDS	JUDIE C. GONZALES judie.gonzales001@deped.gov.ph
3701	SYNTACTIC COMPLEXITY OF BSED MAJOR IN ENGLISH STUDENTS OF RAMON MAGSAYSAY MEMORIAL COLLEGES-MARBEL, INCORPORATED: BASIS FOR INTERVENTION PLAN	ARNEL R. ROSANO, LPT arnel.rodriguez.rosano@gmail.com

3702	AN ENCHANCED AUDIO-BASED SMART CANE FOR VISUALLY IMPAIRED PEOPLE	Jeremy Baldonado baldonadoj2@gmail.com
3703	REAL-TIME MONITORING OF PARKING LOT SPACE DETECTION	Justine John Jay De Ala dealajustine@gmail.com
3704	Wireless Fingerprint Motor Vehicle Ignition with GPS Tracker	John Mark C. Engana jhnmrkengana567@gmail.com
3705	Extending Efforts and Care: Teachers' Significant Encounters On Positive Teacher-Student Relationship	Mae C. Paña maepana1702@gmail.com
3706	Mobile-Based Food Identification for Recipe Finder Philippines	King26kingjay@gmail.com Jay L. Sibag
3854	The Extent of Utilization of Special Education Fund to Indigenous Learners' Academic Performance in IPED Implementing Schools of General Santos City, Philippines	Lito S. Adanza, Richard V. Dueñas lito.adanza101@deped.gov.ph richard.duenas@deped.gov.ph
3865	INTRODUCING DIGITAL VISUAL DESIGN TO THE UG STUDENTS OF COMPUTING: CONTENT THEMES	Iftikhar Alam Khan, Dept of Design, Banasthali Vidyapith, India. ifikhar@bathspa.ae
3656	IoT-Enabled Machine Learning Model for Precision Agriculture to Enhance Strawberry Yield	Mr. Usman BSU AC RAK

ICGCET'15 Group Photo: 1st Conference of Gyancity at Radisson Royal Hotel, Dubai



RTCSE'16 Group Photo: 2nd Conference of Gyancity at Park Royal, Kuala Lumpur, Malaysia



ICGCET'2016 Group Photo:3rd Conference of Gyancity at Aalborg University, Denmark

Institut i Esbjerg samler forskere fra hele verden

DEL   Af **Edmund Jacobsen** 15. august 2016 kl. 05:31

40 forskere og studerende fra hele verden samles på Institut for Energiteknik, Aalborg Universitet Esbjerg, i tre dage i denne uge, når der afvikles en international konference, der handler om at gøre computerteknologi mere grøn.

D.M. Akbar Hussain, lektor ved Institut for Energiteknik på Aalborg Universitet Esbjerg, har sammen med en kollega fra Indien arrangeret konferencen International Conference on Green Computing and Engineering Technologies.

Det er planen, at disse konferencer skal afvikles i Esbjerg hvert andet år – ganske enkelt fordi Institut for Energiteknik i Esbjerg er internationalt anerkendt.



RTCSE'17 Group Photo: 4th Conference of Gyancity at Swiss Garden, Kuala Lumpur, Malaysia



IMCES'17 Group Photo: 5th Conference of Gyancity at Swiss Garden, Kuala Lumpur, Malaysia



ICGCET'2017 Group Photo: 6th Conference of Gyancity at Limerick, Ireland



RTCSE'18 Group Photo: 7th Conference of Gyancity at Thailand



ICGCET'18 Group Photo: 8th Conference of Gyancity at Aalborg University, Denmark



RTCSE'19 Group Photo: 9th Conference of Gyancity at University of Hawaii, USA



IMCES'2019 Group Photo:10th Conference of Gyancity at Mauritius



ICGCET'2019 Group Photo: 11th Conference of Gyancity at Morocco



RTCSE'20 Group Photo: 12th Conference of Gyancity at Hawaii, USA



IMCES'2020 13th Conference at Indonesia: No Photo Due to Covid-19 Lockdown

ICGCET'2020 14th Conference at St Petersburg, Russia: No Photo Due to Covid-19 Lockdown



Jammu, September 18: Dr. Amit Kant Pandit, Faculty, SoECE, SMVDU chaired an online session in 6th International Conference on Green Computing and Engineering Technologies (ICGCET®).

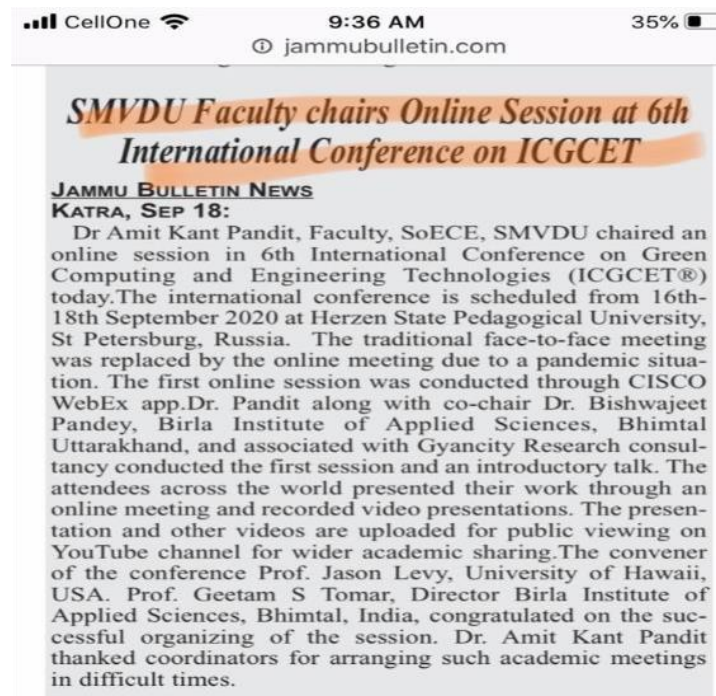
The international conference is scheduled from 16th-18th September 2020 at Herzen State Pedagogical University, St Petersburg, Russia. The traditional face-to-face meeting was replaced by the online meeting due to a pandemic situation. The first online session was conducted through CISCO WebEx app.

Dr. Pandit along with co-chair Dr. Bishwajeet Pandey, Birla Institute of Applied Sciences, Bhimtal Uttarakhand, and associated with Gyancity Research consultancy conducted the first session and an introductory talk.

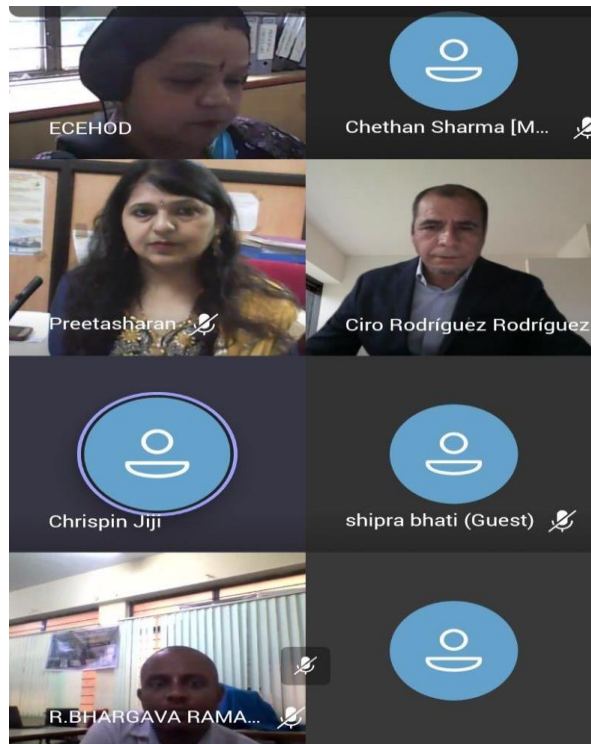
The attendees across the world presented their work through an online meeting and recorded video presentations. The presentation and other videos are uploaded for public viewing on YouTube channel for wider academic sharing.

The convener of the conference Prof. Jason Levy, University of Hawaii, USA. Prof. Geetam S Tomar, Director Birla Institute of Applied Sciences, Bhimtal, India, congratulated on the successful organizing of the session.

Dr. Amit Kant Pandit thanked coordinators for arranging such academic meetings in difficult times.

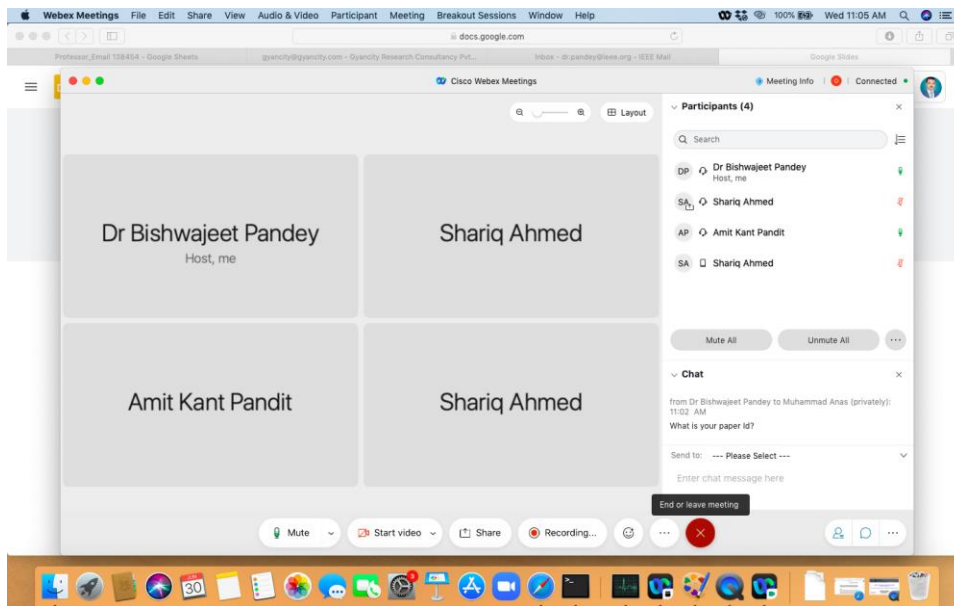
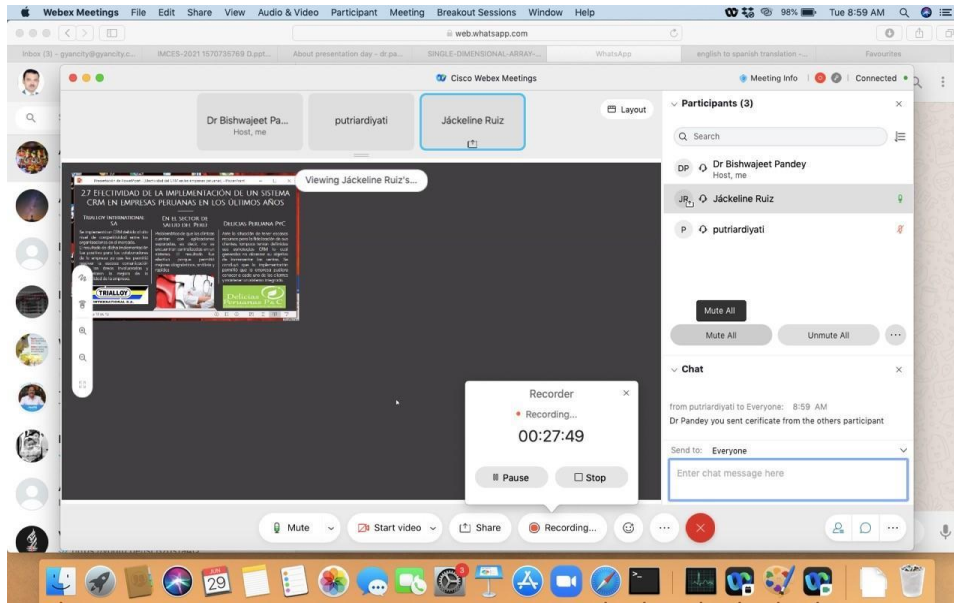


RTCSE'2021 GROUP PHOTO 15th Conference of Gyancity at University of Hawaii, USA



BMESS'2021 16th Virtual Conference

IMCES'2021 17th Conference of Gyancity at Yarsi University, Jakarta, Indonesia



ICGCET'2021 GROUP PHOTO: 18th Conference of Gyancity at Lima, Peru

Evento se dará el 22 y 23 de septiembre. Foto: difusión



16 Set 2021 | 12:40 h

Actualizado el 16 de Setiembre 2021 | 12:40 h

Este 22 y 23 de septiembre se realizará la 7^a Conferencia Internacional sobre Tecnologías de Ingeniería y Computación Ecológicas 2021 (ICGCET-2021) y la 13^a Conferencia Internacional en Inteligencia Computacional y Redes de Comunicación 2021 (CICN 2021), eventos que tendrán como sede a la Universidad Villareal (UNFV).

Juan Alfaro, rector de la UNFV, será el encargado de inaugurar los referidos certámenes, el miércoles 22 a las 10.00 a. m. Previamente, Akbar Hussain, de la Universidad Aalborg de Dinamarca, será el encargado de brindar las palabras de bienvenida.

La ICGCET-2021 presentará las investigaciones de diferentes áreas de la ciencia y la tecnología, y proporcionará una plataforma para que investigadores y científicos de todo el mundo intercambien y compartan sus experiencias y resultados de investigación.



ÚLTIMAS NOTICIAS POLÍTICA ECONOMÍA SOCIEDAD MUNDO DEPORTES ESPECTÁCULOS REI

● EN VIVO - Emmy 2021: sigue aquí la premiación a lo mejor de la TV y el streaming

NOTAS DE PRENSA

Conferencias internacionales se desarrollarán en Universidad Villareal

Cada evento contará con la participación de destacados expertos de la investigación.



ICGCET'2021 GROUP PHOTO: 18th Conference of Gyancity at Lima, Peru



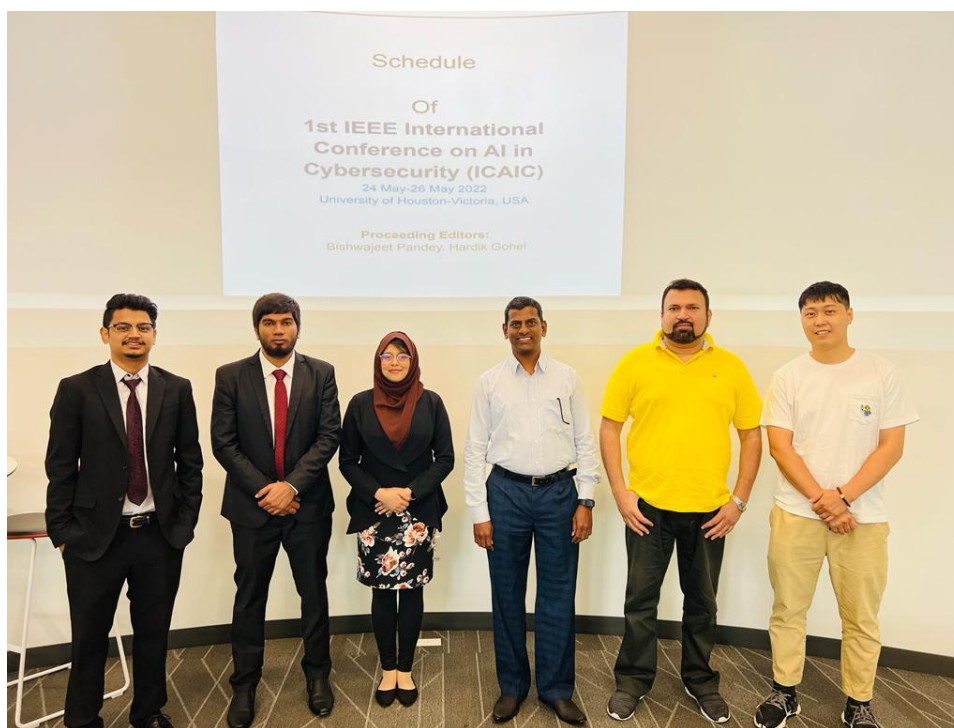
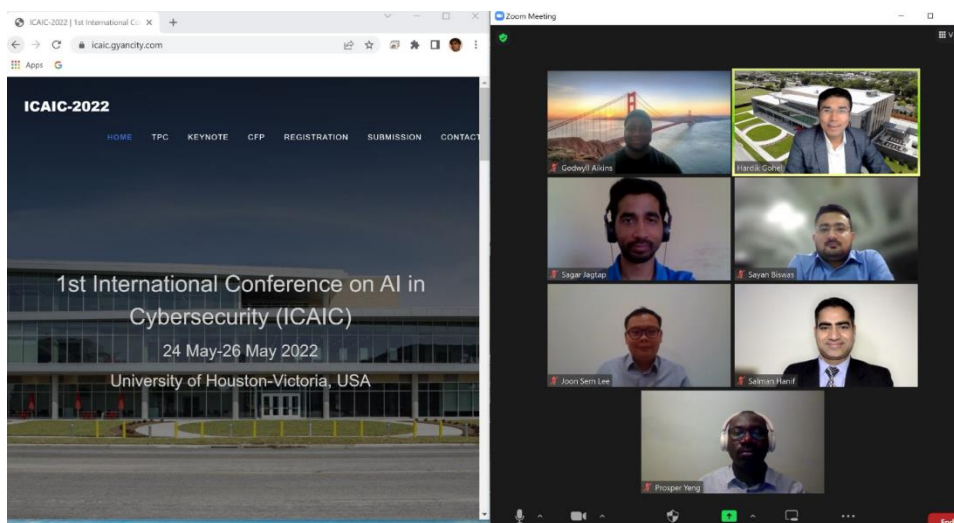
RTCSE'2022 GROUP PHOTO: 19th Conference of Gyancity at University of USA



BMESS'2022 GROUP PHOTO: 20th International Conference of Gyancity at Bath Spa University UAE



ICAIC'2022 GROUP PHOTO: 21st International Conference of Gyancity at University of Houston-Victoria, USA



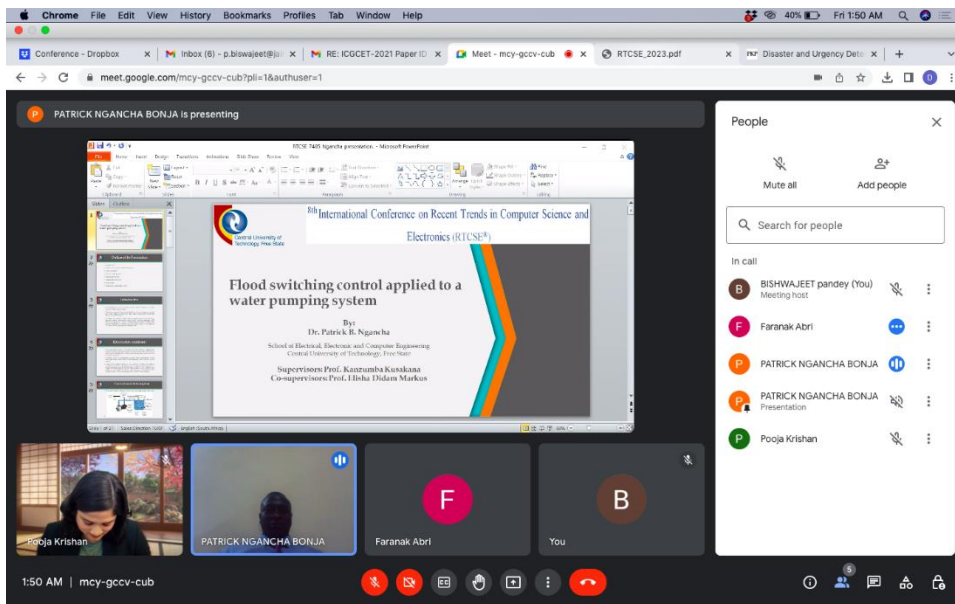
IMCES'2022 GROUP PHOTO: 22nd International Conference of Gyancity at Aalborg University, Denmark



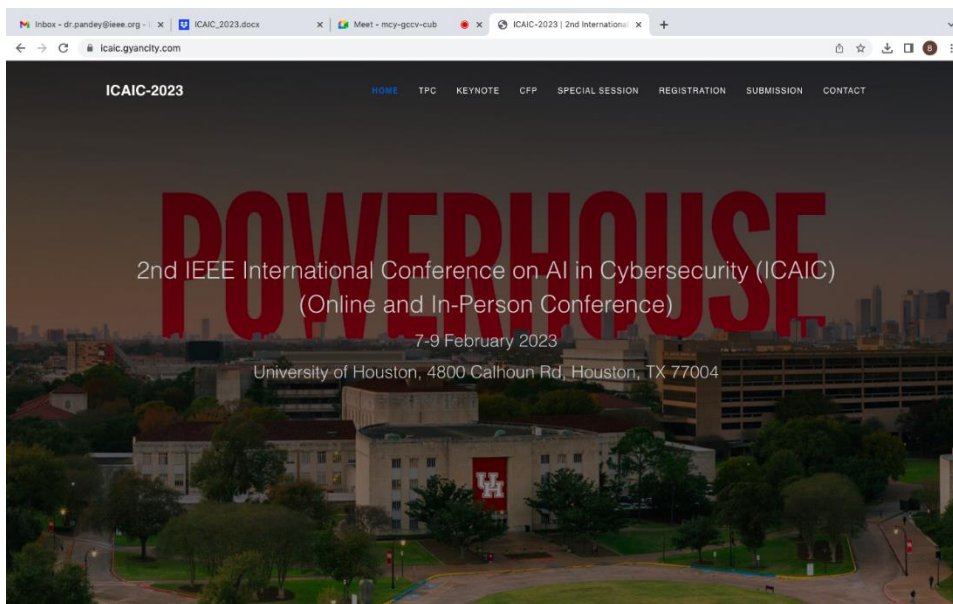
ICGCET'2022 GROUP PHOTO: 23rd International Conference of Gyancity at Mauritius



RTCSE'2023 GROUP PHOTO: 24th International Conference of Gyancity at University of Hawaii USA



ICAIC'2023 GROUP PHOTO: 25th International Conference of Gyancity at University of Houston-Victoria, USA



BMESS'2023 GROUP PHOTO: 26th International Conference of Gyancity at Bath Spa University, UAE



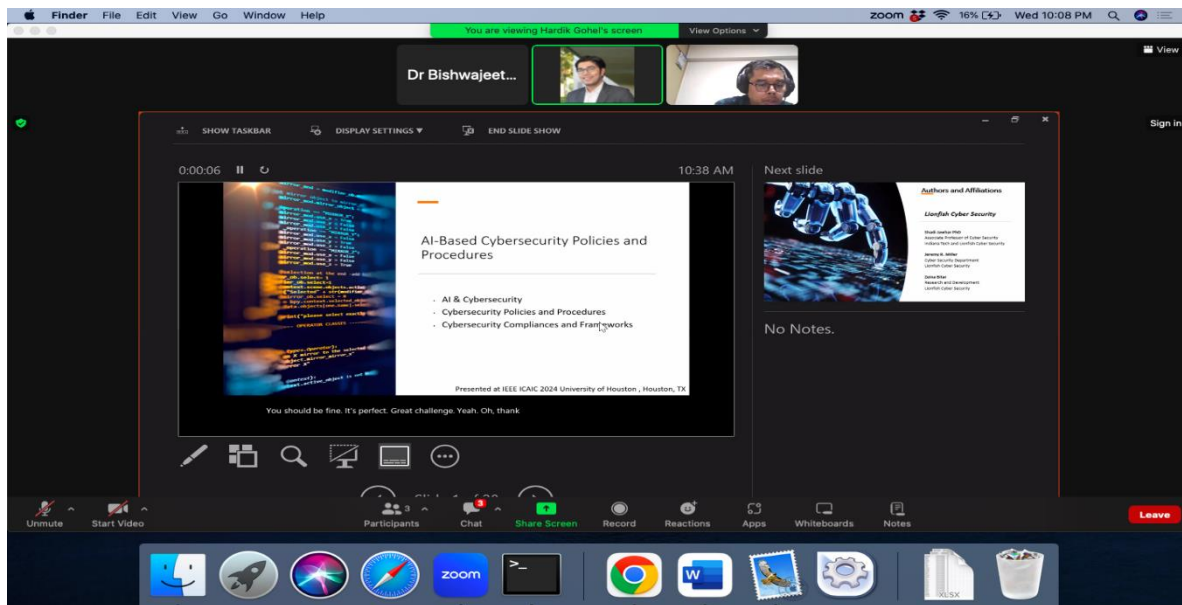
IMCES'2023: 27th International Conference by Gyancity at Yarsi University, Jakarta, Indonesia



ICGCET'2023: 28th International Conference by Gyancity at Cape Town South Africa



ICAIC'2024: 29th International Conference by Gyancity at University of Houston, USA



Abstract of Paper Accepted in BMESS-IMCES'2024

2190

Bibliotherapy: Its Implementation in Achieving Organisational Goals

Dr Chipo Mutongi,

Midlands State University, Zimbabwe

ABSTRACT

So many strategies have been used in organisations to inspire motivation in the achievement of organisational goals but some of them were without positive impact. It is prudent for organisations to try bibliotherapy as human nature usually do not want to be criticized, condemned and complained against. Bibliotherapy can trigger motivated action to individuals in organisations without being forced. This paper explores the concept of bibliotherapy and its potential implementation in achieving organisational goals. Bibliotherapy, traditionally used as a therapeutic tool for individuals, can be adapted to the organisational context to support employees in personal and professional development. It discusses the various ways in which bibliotherapy can be integrated into organisational strategies to enhance employee well-being, leadership development, team building, change management, innovation and diversity and inclusion initiatives. By leveraging bibliotherapy, organisations can foster a culture of continuous learning, innovation, resilience and inclusivity, ultimately contributing to the achievement of organisational goals. Bibliotherapy refers to carefully planned and structured interactions with literature guided by scaffolded questions and formally produced reflections to foster a motivated action. In today's DVUCADD environment an environment characterized by dynamic, volatile, uncertain, ambiguity, diversity and disruptive and competitive business environment, organisations are constantly seeking innovative approaches to enhance employee well-being, foster leadership development, build cohesive teams, manage change effectively and promote diversity and inclusion. Bibliotherapy, a form of therapy that uses literature to support individuals in addressing personal issues and achieving personal goals, presents an underutilized yet promising avenue for achieving these organisational objectives. By leveraging the power of books, articles and other written materials, organisations can create a culture of continuous learning, personal growth and resilience among their employees, ultimately contributing to the attainment of organizational goals.

KEY WORDS: bibliotherapy, organisational goals, strategy innovation, reading literature books

Abstract of Paper Accepted in BMESS-IMCES'2024

2387

Strategies to strengthen socioemotional competencies in RBE students in Latin America: A systematic review

Tania Pacheco Centeno, Raul Delgado Arenas, Gilmer Antonio Melendex Tuesta, Cleofe Nerita Meyra Moreyra, Gloria Cleopatra Rojas Cangahuala and Armando Altamirano Palomino
Universidad César Vallejo. Lima, Perú

ABSTRACT

The development of socio-emotional skills in students has become a current topic in current education. This article analyzes various effective strategies to strengthen these competencies in the school environment. The importance of promoting skills such as emotional intelligence, empathy, self-regulation and decision making is highlighted, since these skills have been shown to be fundamental for the emotional well-being and academic and social success of students. Practical strategies, such as social-emotional education programs, experiential learning activities, and the inclusion of these competencies in the curriculum, are described in detail. In addition, the relevance of collaboration between parents, educators and the community in general is emphasized to promote a supportive environment that encourages the development of social-emotional competencies in students. Regarding the results, it was proven that the effective implementation of these strategies can have a positive impact on the comprehensive training of students and on the preparation of future emotionally intelligent and socially competent citizens. The best strategy to use to strengthen socio-emotional competencies in students is the use of didactic and motivational strategies, since they allow the teaching and learning processes to be guided, favoring collaborative work in those who lack these competencies.

KEY WORDS: Socio-emotional competencies, strategies, regular basic education

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3205

Pedagogical competencies oriented to teacher performance: a systematic review

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ABSTRACT

This article has the purpose of carrying out a systematic review on the pedagogical competences oriented to teacher performance in regular basic education in Latin America. For which, it was necessary to identify the pedagogical competences that teachers present, as well as the competences that they lack in order to determine their orientation towards teaching performance. For this process, the PRISMA methodology was followed in order to show the information more clearly and in a synthesized way. This article collected information from the Scopus, Scielo, Dialnet and Redalyc databases, in a target time of 6 months within which the identification, screening and eligibility process was carried out. Regarding the inclusion criteria, it was established that the articles must be scientific and systematic review articles extracted from reliable sources such as Scopus, Scielo, Dialnet, and Redalyc, with a maximum age of 23 years, and written in English, Spanish, and Portuguese. Regarding the exclusion criteria, empirical information was removed such as: summaries, news, forums, reports, theses, essays, etc., as well as articles dating from periods prior to 2000. The results indicated that teachers require the development and reinforcement of skills that go beyond the simple transmission of knowledge, since they require making certain adjustments in their profile according to the requirements of today's society. Likewise, it was found that teachers lack digital skills, this being an essential skill today. Therefore, it is suggested that the state provide support through the implementation of policies that encourage the use of technologies in education, in order to train digital skills in both the teacher and the student.

KEY WORDS: Pedagogical competencies, teaching performance, regular basic education

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3339

Digital Competence and Cooperative Learning in High School Students

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ABSTRACT

The aim of the study was to determine the intrinsic relationship between constructs such as digital competence and cooperative learning. In order to achieve this goal, a basic non-experimental and correlational design methodology was chosen, with the purpose of examining the connections and patterns of association between these two constructs. The data collection instrument adopted was a questionnaire applied to a representative sample of 215 high school students at an educational institution in Lima. The findings highlight that, in relation to digital competence, 60.0% of the participants demonstrated a "good" level, while 39.5% were at the "fair" level. Regarding cooperative learning, 89.3% of students exhibited a "good" level, and 10.7% were at the "regular" level. The results indicate that there is a positive and significant association between cooperative learning and digital competence, suggesting that a higher level of digital competence is related to an improvement in the level of cooperative learning of students. Highlighting the importance of promoting digital competence as a contributing factor to the development of cooperative learning in secondary school students. Thus, the study offers a breakthrough in the understanding of how these two interconnected educational variables can act synergistically to promote the integral development of students in the context of secondary education.

KEY WORDS: Digital Competence, Cooperative Learning, Learning Skills, Basic Education

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Frequency Scaling Based Low Power Design of DES Encryption Algorithm on 16 nm FPGA

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ABSTRACT

As headway in the tech world is quickly expanding, information security and message protection are becoming essential in the present age. Protecting the information with the equipment system is overwhelmingly popular. In this exploration work, a safe component of equipment execution is being featured. To get the message, a Data Encryption Standard (DES) calculation is executed on a Field Programmable Gate Array (FPGA) gadget. The calculation is carried out on a Kintex Ultrascale + 16 nm gadget, and the encryption results are tried for five distinct (100 Mhz1000MHz) of frequency values to make the equipment configuration power-productive. At a frequency of 100 MHz, the encryption process consumes low power; however, as the encryption process's frequency value increases, so does its power consumption increases.

KEY WORDS:FPGA, Frequency, DES, Algorithm, Power Data, Privacy, Total Power, Static and Dynamic Power

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AR LIBRARY NAVIGATOR: A Library Navigation System Using Augmented Reality

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ABSTRACT

The evolving needs of users in the digital age have prompted libraries to make changes in recent years. As information repositories, they have embraced technology to improve the overall library experience and boost resource accessibility. Augmented reality (AR) is one potential method for transforming the way users engage with libraries. The "Augmented Reality Library Navigator" is a state-of-the-art tool that offers a novel and immersive method of library navigation by utilizing augmented reality technology. Here is a summary of the system from this abstract. The purpose of the Augmented Reality Library Navigator is to let library patrons interact more with both digital and physical collections by making information more accessible and streamlining the search process. The seamless integration of this system with mobile devices allows users to access a multitude of functions. Users can find books, journals, study spaces, and other resources with the help of the augmented reality (AR) system, which superimposes digital data on the real physical environment of the library. This real-time solution is location specific. Aside from multimedia about the library's holdings, interactive features include book recommendations, event notifications, and more. The main features and benefits of the Augmented Reality Library Navigator are discussed in this abstract, along with how it might enhance everyone's experience using the library, regardless of how familiar they are with its design or available resources. Along with creating a more distinctive and engaging experience for users, the system offers library staff a new way to filter and customize content. Furthermore, covered in this abstract are the challenges and aspects to consider when utilizing augmented reality in libraries, such as user privacy, the technological infrastructure, and the fact that "AR systems overlay digital information on the accessibility of physical libraries."

KEY WORDS: Augmented Reality, Library Navigation System, Android Application, Blender, Unity 3D

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7332

IMPACT OF THE LAS BAMBAS MINING CANON ON THE DISTRICT DEVELOPMENT OF CHALLHUAHUACHO - COTABAMBAS APURIMAC 2016-2018

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ABSTRACT

This research article is based on the thesis workentitled"Impact Of The Investment Of The Las Bambas Mining Canon On The Economic and Social Development Of The District Of Challhuahuacho, Province Of Cotabambas -Apurimac Region, Period 2016 -2018",which was developed with the aim of explainingthe impacts of public investment projects executed with trust funds and mining canon funds;as well as the fulfilment of thecommitment of the 7 numerals of Annex K (Pro Inversión, 2004),which was initially assumedby the company Glencore PLC and later by the companyMinerals and Metals Group (MMG).This agreement created many expectations in terms of the payment of royalties required by the regulations and their contribution to human and productive development, in the face of a reality that showed high rates of poverty and extreme poverty, chronic malnutrition of children under 5 years of age, infant mortality, low Human Development Index (HDI), high unemployment rates and low per capita income. among others. Faced with this situation, the community families had hopes that mining activity would contribute strongly to economic and social development, by executing various productive and social development projectsaccording to D.L. No. 996(Official Gazette El Peruano, 2008),such as basic sanitation, education, health, agricultural development, forestry, among others.

KEY WORDS:Economic and social impact, trust funds, mining canon and social economic development.

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8411

Academics reap benefits from sowing engagement with the Scholarship of Teaching and Learning

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ABSTRACT

Recent years have seen a drive towards the establishment of various Scholarship of Teaching and Learning (SoTL) programmes at institutions of higher education with the primary aim to improve teaching and learning, which may be achieved, in part, by academics who constantly seek to reflect on and enhance their teaching practice by reporting on it in the public domain. The purpose of this article is to highlight the benefits that academics reap from actively sowing engagement with a small SoTL group in Engineering Education. Inspired by humanistic principles and the constructivist approach, the transformative learning theory is concerned with the role of experiential learning and personal development, which is applied in this descriptive case study where quantitative data has been collected over a 9-year period (2014 – 2022). Five tangible benefits are identified, being (1) research funding (funding is received from the government of South Africa for accredited research publications), (2) personal development (on average, each academic completed 9 research publications), (3) career development (3 academics were promoted from a lecturer to an Associate Professor) (4) continuous professional development (continual registration with an accreditation body) and (5) belonging to a community of practice (ongoing support and encouragement is received from other members in the group). It is recommended that at least one member from each department within a faculty be associated with a SoTL group, that may lead to more awareness being created about the benefits associated with such programmes.

KEY WORDS: *unicycle, awareness, impact, development*

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8908

Clock Gating Based Low Power Design of DES Encryption Algorithm on 16 nm FPGA

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ABSTRACT

As advancement in the tech world is rapidly increasing, data privacy and message privacy are becoming crucial in today's generation. Securing the data with the hardware mechanism is in great demand. In this research work, a secure mechanism of hardware implementation is being highlighted. To secure the message, a Data Encryption Standard (DES) algorithm is implemented on a Field Programmable Gate Array (FPGA) device. The algorithm is implemented on a Kintex Ultrascale + 16 nm device, and the results are tested for five different ranges (1ns-25ns) of clock cycles to make the hardware design power-efficient. The encryption process utilizes low power at 25 ns clock cycle, as there is a decrement in the clock cycle speed for the encryption process the power consumption gets increased.

KEY WORDS: FPGA, Frequency, DES, Algorithm, Clock Gating, Privacy, Total Power, Static and Dynamic Power

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9664	<p data-bbox="467 268 1365 506" style="text-align: center;">Analysis of the validity and reliability of the Peruvian version of the questionnaire "Students' attitudes towards integration in physical education (CAIPE-R)"</p> <p data-bbox="431 512 1401 709" style="text-align: center;">Camacho Chavez Percy¹, Soria-Perez Yolanda Felicitas², Montalvo Herrera Jessie Angiela³ perschavez@hotmail.com¹, ysoria@ucv.edu.pe², jmontalvoh@ucvvirtual.edu.pe³ orcid.org/0000-0003-2868-4398¹, orcid.org/0000-0002-1171-4768², orcid.org/0000-0002-9984-37743 ^{1,2,3}Cesar Vallejo University, Peru</p> <p data-bbox="829 772 1003 800" style="text-align: center;">ABSTRACT</p> <p data-bbox="412 835 1421 1419">Physical Education is clearly an ideal area of educational intervention to promote the inclusion of students with different motor disabilities as is the case of the study that has been carried out, and the attitudes of their peers without disabilities are a fundamental factor in this integration process. In this research, an analysis of the validity and reliability of the Peruvian version of the questionnaire "Attitudes of students towards integration in physical education (CAIPE-R)" was carried out. The participants were 400 physical education students from state schools in Lima, Peru. From the secondary level. including 200 females and 200 males aged 12 and 18 years. The results show that the questionnaire has sufficient reliability and structural validity and fits well with the model. The questionnaire of study questions consisted of 10 items. The overall result of 0.812 in Cronbach's alpha of the questionnaire on Attitudes towards integration in physical education of Peruvian students indicates that the items used to assess these attitudes are consistently correlated, which reflects a reliable measurement. The study concludes that this version is sufficiently well-founded and reliable to determine attitudes towards the inclusion of peers with disabilities in physical education classes in the Peruvian context.</p> <p data-bbox="412 1455 1268 1482">KEY WORDS: Physical education, questionnaire, attitude, integration</p>
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