



සිසුන් විසින් සංවිධානය කරන ලද කළා උළෙල 2014



විශ්වවිද්‍යාල විද්‍යායනන සඳහා බඳවා ගන්නා ලද කාර්යය මණ්ඩලය වෙනුවෙන් පැවති පුහුණු වැඩසටහනේ සමාරම්භක උළෙල



විශ්වවිද්‍යාලයේ සිසුන් විසින් දඹුල්ල ප්‍රාථමික විද්‍යාලය තුළ සංවිධානය කරන ලද සමාජ සේවකාරක ව්‍යාපෘතිය



අධ්‍යක්ෂ මාධ්‍ය හා තොරතුරු තෙවන ඉංජිනේරු ස්ථරයේ භාවිතය වැඩි කිරීමේ මහා විසින් එවන "විවිධ වෙළුම් සම්පූර්ණය" හා "සංස්කරණයේ ශික්ෂාපද" යන කෘති 2 ක එළිදැක්වීම



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Embark launched a programme to prevent rabies for wellbeing of both animals & people in the Society.

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වෘත්තීය තාක්ෂණ විශ්වවිද්‍යාලයේ 2014 වසරේ උපාධි ප්‍රදානෝත්සවය 2014.12.22 දින ප.ව 2.30 ට කුලපති, මහාචාර්ය දයනන් විජේසේකර මැතිතුමාගේ ආරාධනයෙන්, හිටපු යොවුන් කටයුතු හා නිපුණතා සංවර්ධන ගරු අමාත්‍ය ඩබ්ලිව් අලහප්පෙරුම මැතිතුමාගේ හා හිටපු

අධ්‍යාපන නියෝජ්‍ය අමාත්‍ය හා යොවුන් කටයුතු සහ නිපුණතා සංවර්ධන අධිකරණ මන්ත්‍රී ගරු මොහාන් ලාල් ග්‍රේරු මැතිතුමාගේ ප්‍රධානත්වයෙන් බණ්ඩාරණායක ජාත්‍යන්තර සම්මන්ත්‍රණ ශාලාවේදී පවත්වන ලදී. මේ සඳහා කර්මාන්ත ක්ෂේත්‍රය නියෝජනය කරමින් ආරාධිත අමුත්තන් රැසක් සහභාගී වූ අතර උපාධි පාඨමාලාවන්හි විශිෂ්ඨතා දක්වන ලද සිසුන් ඇගයීමට ලක්කර

ඔවුන් වෙනුවෙන් සම්මාන ලබාදීමද සිදුකරන ලදී. මෙහිදී අධ්‍යාපන තාක්ෂණවේදී උපාධිය හදාරූ සිසුන් 13 ක්ද, බහුමාධ්‍ය සහ වෙබ් තාක්ෂණවේදී උපාධිය හදාරූ සිසුන් 13 ක්ද, ජාල තාක්ෂණවේදී උපාධිය හදාරූ සිසුන් 19 ක්ද, මෘදුකාංග තාක්ෂණවේදී උපාධිය හදාරූ සිසුන් 15 ක්ද, ගොඩනැගිලි සේවා තාක්ෂණවේදී උපාධිය හදාරූ සිසුන් 22 ක්ද, මෙකාලයේදී තාක්ෂණවේදී



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මෙම අවස්ථාව සඳහා වෘත්තීය තාක්ෂණ විශ්වවිද්‍යාලයේ උපකුලපති ආචාර්ය ඩී.ඒ පියසිරි මහතා, අධ්‍යක්ෂ ජනරාල් නිල්මිනි දිසබේදනගේ මහත්මිය, පීඨාධිපතිවරුන් ඇතුළු අධ්‍යයන හා අනාධ්‍යයන කාර්ය මණ්ඩලය සහභාගී වූහ.

අනුෂා භාවිතය



UNIVOTEC receives ACU Membership

The Association of Commonwealth of Universities (ACU) is the oldest international university network in the world. It has been serving its members for more than 100 years will over 500 members.

University of Vocational Technology received the membership of ACU on December of 2014. Accordingly UNIVOTEC in now eligible to experience many benefits in the academic and technological fields.

D D Wijesinghe

Memories of the Convocation 2014



Convocation 2014

Medal Awardees for best Academic Performance



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 Institute of Engineering Technology, Katunayake



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Degree : B. Tech. in Mechatronics Technology
Occupation :
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Entry Educational Qualification :
 National Diploma in Mechatronics Technology
 College of Technology, Maradana.



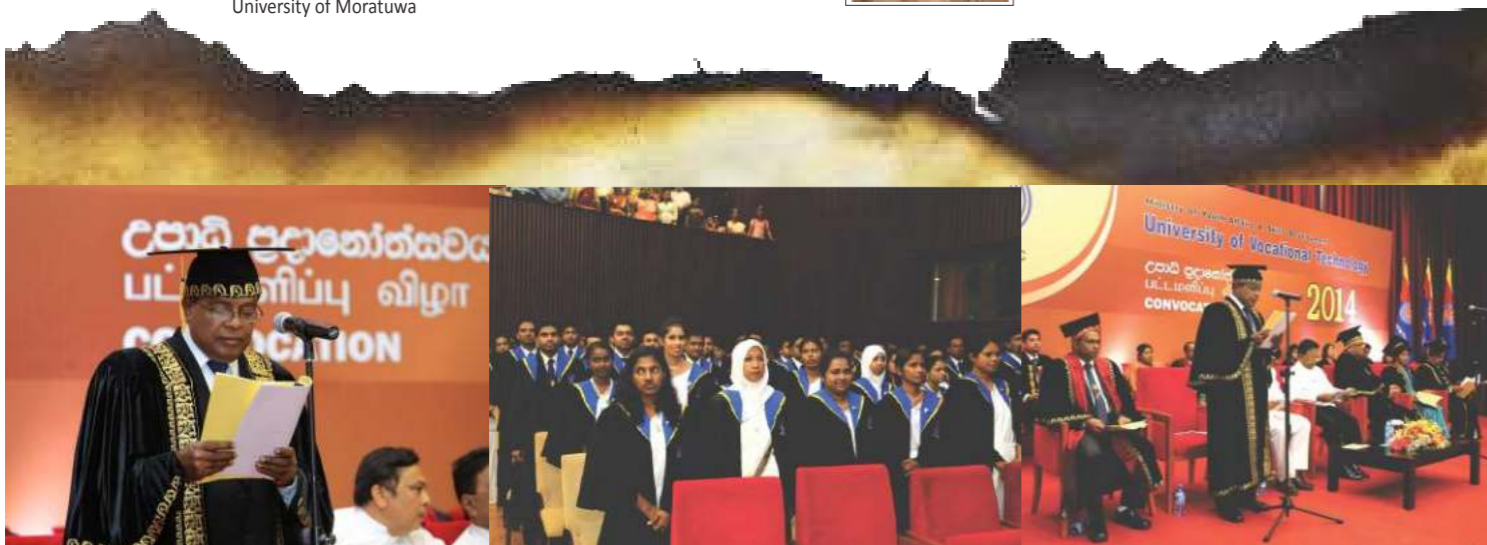
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Occupation : Software Engineer, HNB Assurance PLC
Entry Educational Qualification :
 National Diploma in Information and Communication Technology
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Name : W T U P P Gunapala
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Teaching and Learning in the 21st Century

This article offers a systematic approach for using technology and media to facilitate student learning in the 21st century. This approach is based on the ASSURE model, which helps teachers plan effective, integrated lessons by following a six- step process, which will be described at the end of the article.

1. Use of Technology and Media

A 21st century teacher is intended to use technology and media to promote learning both within & beyond the classroom. Here we will be referring technology as **instructional technology**, which involves the integration of teacher and student who use and knowledge of tools and techniques to improve the learning process. Although some educators view technology as a classroom cure-all, it is important to note that computers and other technology don't automatically make teachers more capable. They need to be versed in best practices for integrating technology into curriculum. The ASSURE model provides a structure and easy-to-follow steps to guide teachers through the process of creating lessons that achieve the goals of using technology effectively. The model is applicable for all types of technology across all subject areas for different learning conditions.

Current technology offers several benefits for teachers. One is the ability to digitally store and access large amount of information, whether as text, audio, visuals, games, or movies, in computer files or on CDs or DVDs. Another unique advantage of current technology is its adaptability to meet the varying needs of students. A third advantage of technology is that students are no longer limited to the confines of the classroom. Through the school or university media center and computer networks such as Internet, the world becomes each student's classroom.

There are six basic types of media used in learning: text, audio, visuals, video, manipulative (Objects), and people. Here we will be referring media as **instructional media and materials as instructional materials**.

Instructional materials are specific items used within a lesson that influence student learning. Design and use of instructional materials are critical because it is the interaction of the students with these materials that generates & reinforces actual learning. Properly designed instructional materials can enhance and promote learning. By creating seamless access to the global community and opening new avenues for addressing how and what to learn, technology and media have become an essential interface for learners as they move forward in their education.

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addressing how & what to learn, technology and media have become an essential interface for learners as they move forward in their education. **Instructional materials** are specific items used within a lesson that influence student learning. Design & use of instructional materials are critical because it is the interaction of the students with these materials that generates & reinforces actual learning. Properly designed instructional materials can enhance and promote learning. By creating seamless access to the global community and opening new avenues for addressing how and what to learn, technology and media have become an essential interface for learners as they move forward in their education.

2. Role of 21st Century Teacher

The role of a teacher will always include the foundational responsibility of enabling students to learn. The role of 21st century teacher still is to improve student learning, but it requires the teacher to have broader capabilities than content knowledge, the ability to use pedagogy in the classroom, and basic computer skills. They also need to be technologically competent and information-literate.

Teachers should guide students to select the "right" technology and media when so many choices are available, and most importantly, they should know how to create learning experiences that effectively use those tools & resources to ensure that their student gain new Knowledge and skills?

When instruction is student centered, the primary use of technology and media are the students themselves. Student centered activities allow teachers to spend more of their time assessing and directing student learning, consulting with individual students, and teaching one on one and in small groups. Technology and media can help teachers become creative managers of the learning experience instead of mere dispensers of information. Teacher will become the facilitator of knowable acquisition.

3. The Classroom: Traditional to Digital

The trend for today's teachers is a shift from traditional teaching methods and tools to digital approaches that better meet the need of 21st century students.

Prensky (2006) describes that teachers in this variable process of technology adoption and adaption as moving, whether slowly or quickly, through a four-phase process.

Phase (1) dabbling

Dabbling with technology by randomly adding technology tools to a few classrooms or the library.



Phase (2) doing old things in old ways

Technology is used to do "old things in old ways", as when teachers display lecture notes in power point rather than using overhead transparencies.

Phase (3) doing old things in new ways

"Doing old things in new ways" is that technology begins to show its promise, as for example when a teacher uses virtual 3D model to demonstrate the structure of a compound rather than drawing it on a chalk board.

Phase (4) doing new things in new ways

This is fully utilization of the power of technology and media, in teaching and learning process. Many of today's classrooms have achieved phase 4 by adopting and adapting their environments with digital tools that support and enhance digital teacher and students capabilities. For example, technology extends environments beyond the classroom walls by connecting students with other students, outside experts and parents. Teacher websites provide access to homework calendar, assignment details, online resources and often offer parents access to real – time reports of student progress. Within this phase three primary types of instruction are used: face to face instruction, distance learning, and blended learning.

1. Characteristics of 21st Century learners.

The learners of the 21st century expect to be engaged in active, hands on learning experiences. They wish to empower to explore their ideas in their own ways, expecting the teacher to serve as a coach or facilitator not as the person delivering the information.

The learner develops their own competency in inquiry. Because knowledge grows at an exponential rate, it is impossible for an individual keep a reservoirs of requisite information "at hand" therefore it is critical for teachers to help students develop inquiry approaches for gathering content fact, while also assisting them in constructing conceptual frameworks within which to address the content, with the goal of facilitating their understanding and application of knowledge.

Promotions, New Appointments and Higher Studies

Promotions & New Appointments

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කාර්යය ව්‍යවහාරය සංවර්ධනය වෙනුවෙන් තැවති පුහුණු වැඩසටහන

ආයතනික කාර්යය මණ්ඩල සංවර්ධනය වෙනුවෙන් අමාත්‍යාංශය සහ වෘත්තීය තාක්ෂණ විශ්වවිද්‍යාලය එකතුව නායකත්ව පුහුණු වැඩසටහනක් සංවිධානය කරන ලදී. "High Brand Team" යන පුහුණු කණ්ඩායම විසින් මතුගම, අගලවත්ත ප්‍රදේශයේ පිහිටි මඩුන්ගේ පුහුණු මධ්‍යස්ථානයකදී මෙම පුහුණු වැඩසටහන පවත්වන ලදී.

අදියර කිහිපයක් ලෙස සංවිධානය කරන ලද මෙම පුහුණු වැඩසටහනේ මූලික පියවර දින දෙකක තේවෘසික පුහුණුවක් වූ අතර අමාත්‍යාංශය යටතේ ඇති ආයතනයන්හි විධායක මට්ටමේ නිලධාරීන් ඒ සඳහා සහභාගී විය. අනතුරුව වෘත්තීය තාක්ෂණ විශ්වවිද්‍යාලයේ අධ්‍යයන හා අනුබල සාමාජිකයන් සැමදෙනාම කණ්ඩායම් වශයෙන් අදාළ පුහුණුව සඳහා යොමු කිරීමට විශ්වවිද්‍යාලයේ පරිපාලනය කටයුතු කරන ලදී.



මෙම වැඩසටහන ප්‍රායෝගික පුහුණුව පාදක කොට සංවිධානය වී තිබූ අතර කාර්යාල කාමරවල ලිපිලේඛන සමග රාජකාරී කරන නිලධාරීන්ට වෙනස් අත්දැකීමක් ලබාදීමත්, රාජකාරියට අදාළ ප්‍රායෝගික භාවිතයට මෙම පුහුණුව කෙසේ යොදා ගන්නේද යන්නත් මෙහිදී විශේෂ අවධානයට යොමු කරන ලදී.

ප්‍රවීණ පළමුගම

Minister of Higher Education of the Republic of Seychelles Visits the University of Vocational Technology



Hon. Macsuzy Mondon, the Minister of Education, Employment and Resources Development of the Republic of Seychelles visited the University of Vocational Technology on 08th July 2014. Prof. Vidyajothi Dayantha Wijesekere, the Chancellor of the University presented a brief overview of the University, and Dr. T.A.Piyasiri briefed on the Technical and Vocational Education sector of Sri Lanka and the role that is played by the University of Vocational Technology in that sector. The minister was in Sri Lanka to attend the Convocation -2014 of the CINEC Campus as the Guest of Honour.

Sudath Liyanage

Guest Lecture Series

History and Philosophy of TVET in Sri Lanka

The inaugural lecture of the Guest Lecture Series-2014 of the University of Vocational Technology was delivered by Vidyajothi Professor Dayantha S. Wijesekera, Chancellor of the University from 11.00 am to 12.30 pm at the University auditorium on 19th of June 2014.

Dr. T.A.Piyasiri, Vice Chancellor of the University who delivered the welcome speech highlighted the tremendous services provided by the Professor for the development of engineering and technical education of Sri Lanka and invited the

Professor to deliver the lecture. The Professor in his lecture traced the impact of technical skills on the lives of communities of the country by having a historical over view of the technical education going back to ancient periods of kings and royal administration. The establishment of the first technical college at Maradana, evolution of colleges net work up to present time, involvement of government and private organizations in technical education, establishment of a unique university for technical education

and the importance of maintaining international accreditation in the courses, the significance of IESL and IIESL in Sri Lankan engineering education were elaborated in the lecture. The lecture was followed by a question and answer session where the Chancellor and the Vice Chancellor enlightened the audience which consisted of students and the members of Academic and non-Academic staff of the university on various issues pertaining to the University, the degree programs offered and the future of the Alumni of the University.

The Use of Human Resource of Sri Lanka for the Irrigation Technology of the Country.

The second lecture of the series was delivered by Eng Vidyajothi A.D.S. Gunawardhana on the 31st of July 2014 at the University auditorium from 10.45 am to 12.30 pm.

The Vice Chancellor of the University who introduced the speaker to the audience emphasized on the dedication and commitment made by Mr. Gunawardhana

for the national development in the field of engineering in Sri Lanka and his valuable services being rendered at the age of 72 in the Presidential Task Force, In the lecture, Mr. Gunawardhana eloquently highlighted the capacities of local human resources and engineering man powers by bringing out a number of very successful projects carried out by local engineers with

past experiences in his engineering career in the Irrigation Department of Sri Lanka. Further, he drew the attention of the audience of the colossal sums of money wasted due to the tenders being offered to foreign companies by a comparison of budgetary estimates of the local and foreign agencies.

L.W.S Kularatne

Training on Content Development for E-Learning Course



In collaboration with the Commonwealth of Learning University of vocational technology planned to deliver selected courses on-line distance mode. Online delivery courses use interactive learning materials such as ,Narration, Images, Animations, Videos, related Web links, Glossary & Assessment tools, enabling the user to acquire the required knowledge, skills at his/her own pace with interested manner. This was seen as a programme that is timely in order to upgrade the knowledge of the academic staff as the respective skills that could be

acquired from the programme was seen as essential in order to develop effective learning content for on line delivery. Thus to share this knowledge with the staff of University of Vocational Technology former dean senior lecturer Mr.U.K.D Sugathadasa conducted a five day workshop where everyone gained fruitful knowledge both theoretical and practical. In future the gained knowledge will be of much use for making the teaching interesting with the application of the new knowledge gained.

Dilini Ranasuriya

Donation of an Electrical Simulation Model of Ground Water Flow



Mr.R.Karunasena, Visiting Lecturer of the Division of Civil Engineering Technology, Institute of Technology, University of Moratuwa donated an Electrical Model of Ground Water Flow to the University of Vocational Technology. This donation will be very beneficial for the students as a ground water flow study apparatus in the Civil Engineering laboratory of the University of Vocational Technology.

Buddhima Karunarathna

Celebration of National Skills Day 15th July 2014

Recently University of Vocational Technology took steps to renovate Practical and Technology Skill (PTS) Laboratories of three selected schools under the guidance of Ministry of Youth Affairs and Skill Development in consultation with Ministry Of Education. This was done in par with the National Skills Day celebrations with the objective of promoting Technical and Vocational Education and Training (TVET) among the secondary Schools.



The three schools selected for this activity were Buwanekaba Maha Vidyalaya, Maharagama, Kandawala Nawodya Vidyalaya, Ratmalana and Lumbini National School. The activities at the three place were coordinated by Mr.

Sanjeewa Sondarangalla, Ms. N.L.B.Oshadi and Mr. S.A.N. Dhanushka respectively.

This was implemented as a practical assignment of "Project Management module" of B.Ed.Tech and B.Ed (ELT) wares. All undergraduates of the university supported to implement this activity successfully.



An immense guidance and support for this activity were extended by Dr. T.A. Piyasiri,

Vice Chancellor, Academic staff members and Non academic members.



Pushpa Rajapaksha

TECHNO 2014

The best exhibition stall bronze award..

The winner is . . .



"...They came here by following a distinct path; they realized that huge potentials are veiled in their hearts and minds. When unleashed it together towards one defined direction, meeting with future, at last, they have proved that they are distinct people as same as their pathway and ready to make their shoulders to sustain the nation's future. They have just entered the arena. Much more achievements are ahead to be fulfilled...."

Team of Students of UNIVOTEC achieved the Best exhibition stall (university category) bronze award at Techno 2014 , National



Galadari, Colombo from 7.00pm onwards. Mr. Suraj Jayatilaka, Senior lecturer of the University, who directed the success story behind the screen, accepted

the award on behalf of the Vice Chancellor, students and the staff of the University of Vocational Technology under the cheerful presence of Sri Lanka's top engineering professionals. Dr. T. A. Piyasiri, Vice Chancellor of the University states regarding the achievement

"..that was a remarkable moment we have achieved corporately. The glory of the

university spreads among not only in the field of engineering but among the other universities as rising challenger. By her origin the University of Vocational Technology is very young; just four years old. Other competitors have decades of history in engineering education and excellence. But in her very early ages University

of Vocational Technology starts to make achievements like this.."

Further, Vice Chancellor makes his gratitude to the students and both academic and non academic staff regarding the great contribution

Dilantha Ratnayake

