E-Service Learning

(E-SL)

(Electronic Service Learning) in 21st Century Education

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1st ICoPCoSE
3-4 November 2021
Yogyakarta, Indonesia

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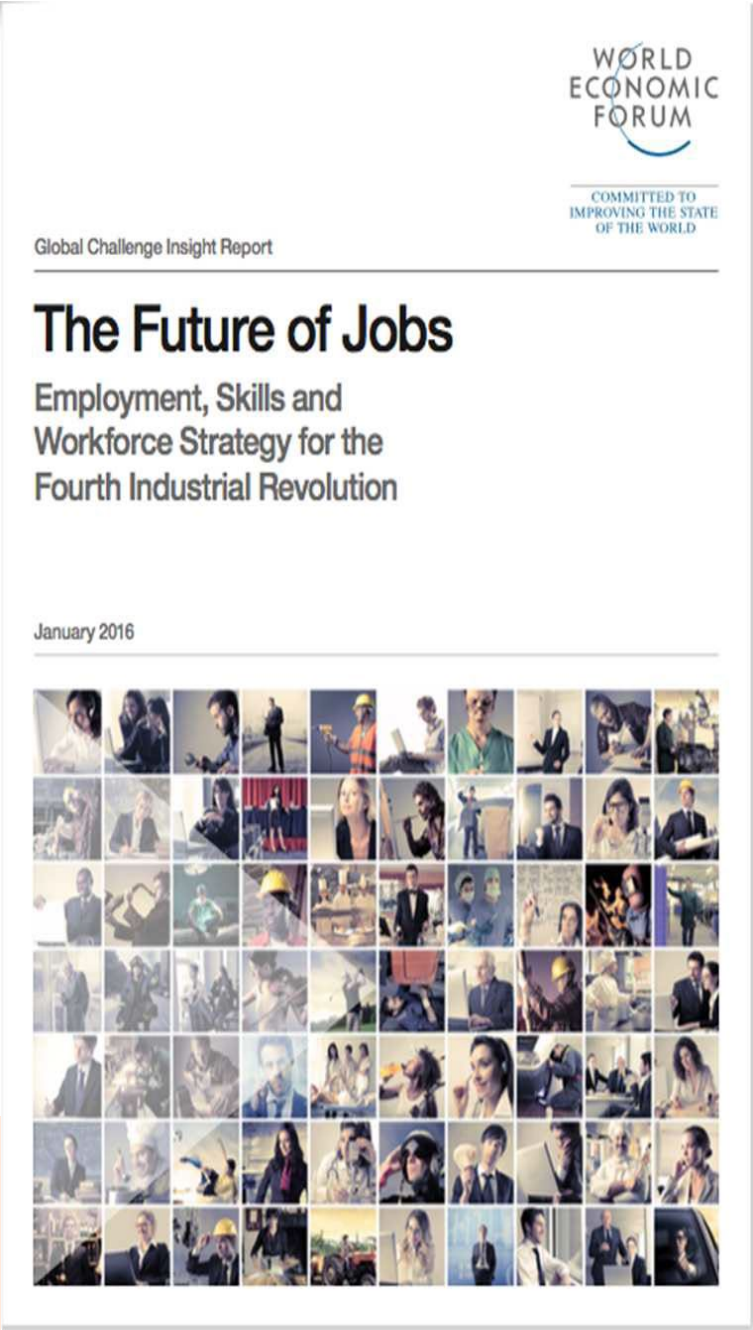
Service Learning

- **Service learning** is a "teaching and learning strategy integrating meaningful community service with instruction and reflection to enrich the learning experience, teach civic responsibility, and strengthen communities" (Learn and Service America, 2010).
- **Service learning** typically involves a community activity or project that links real world or hands-on experience to course concepts.



Service Learning

- Service-learning is a powerful tool to promote student and civic engagement. Service-learning can produce important benefits for :
- **students** (enhanced civic engagement and/or learning),
- **the community partner** (useful products),
- **the instructor** (service opportunities for tenure), and
- **the university** itself (positive community relations).

Service Learning

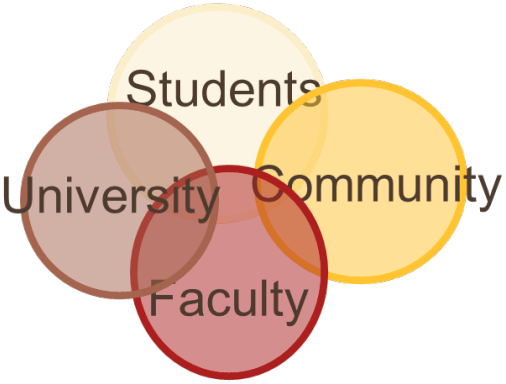
- **Service-learning** allows students to learn by doing, connecting theory with practice. It is a method of learning through active participation in organized experiences that meet community needs (Perkins, 1994).
- Bringle and Hatcher (1996) defined service-learning as "**credit bearing educational experience"** in which students "**gain further understanding of course content, a broader appreciation of the discipline, and an enhanced sense of civic responsibility**".

Service Learning

Service learning should be an educational experience in which students participate in an organized service activity that meets identified community needs.

Students should reflect on the service activity in order to gain further understanding of course content, a broader appreciation of the discipline, and an enhanced sense of civic responsibility (Hagenbuch, 2006).

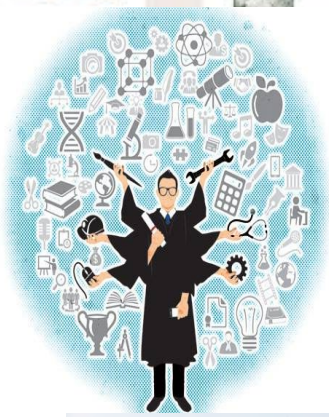
SL projects



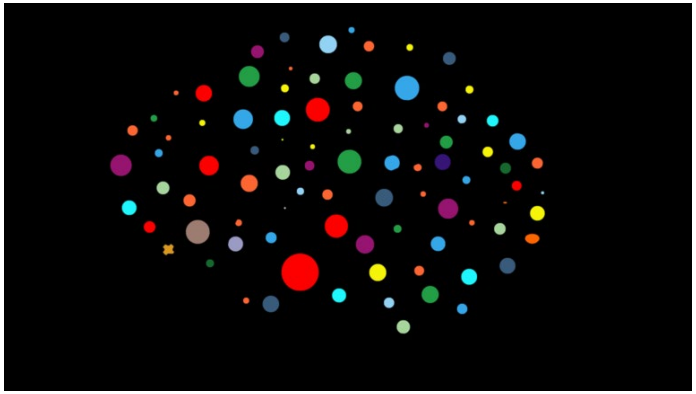
- SL allows for the acquisition of knowledge **by engaging students in community service** and **ongoing reflections** that lead to the analysis of issues, the application of skills, and the enriching of communities (Britt, 2012; Gallagher & McGorry, 2015).
- **Traditional SL** projects are completed in face-to-face settings where students visit and work with local community partners and community members (Nielsen, 2016; Waldner et al., 2010).

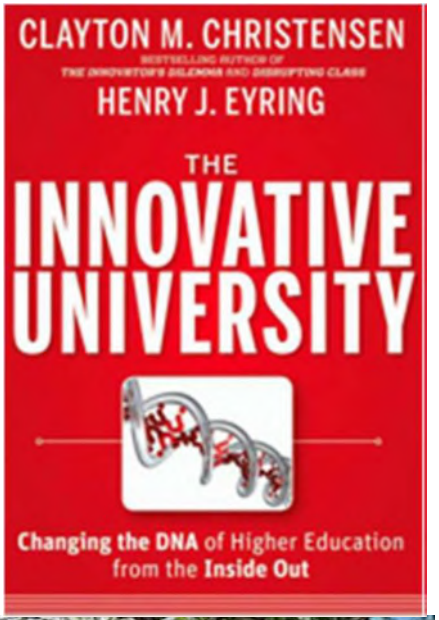
E-service learning (E-SL) incorporates service learning into an online format. Malvey et al. (2006) define it as

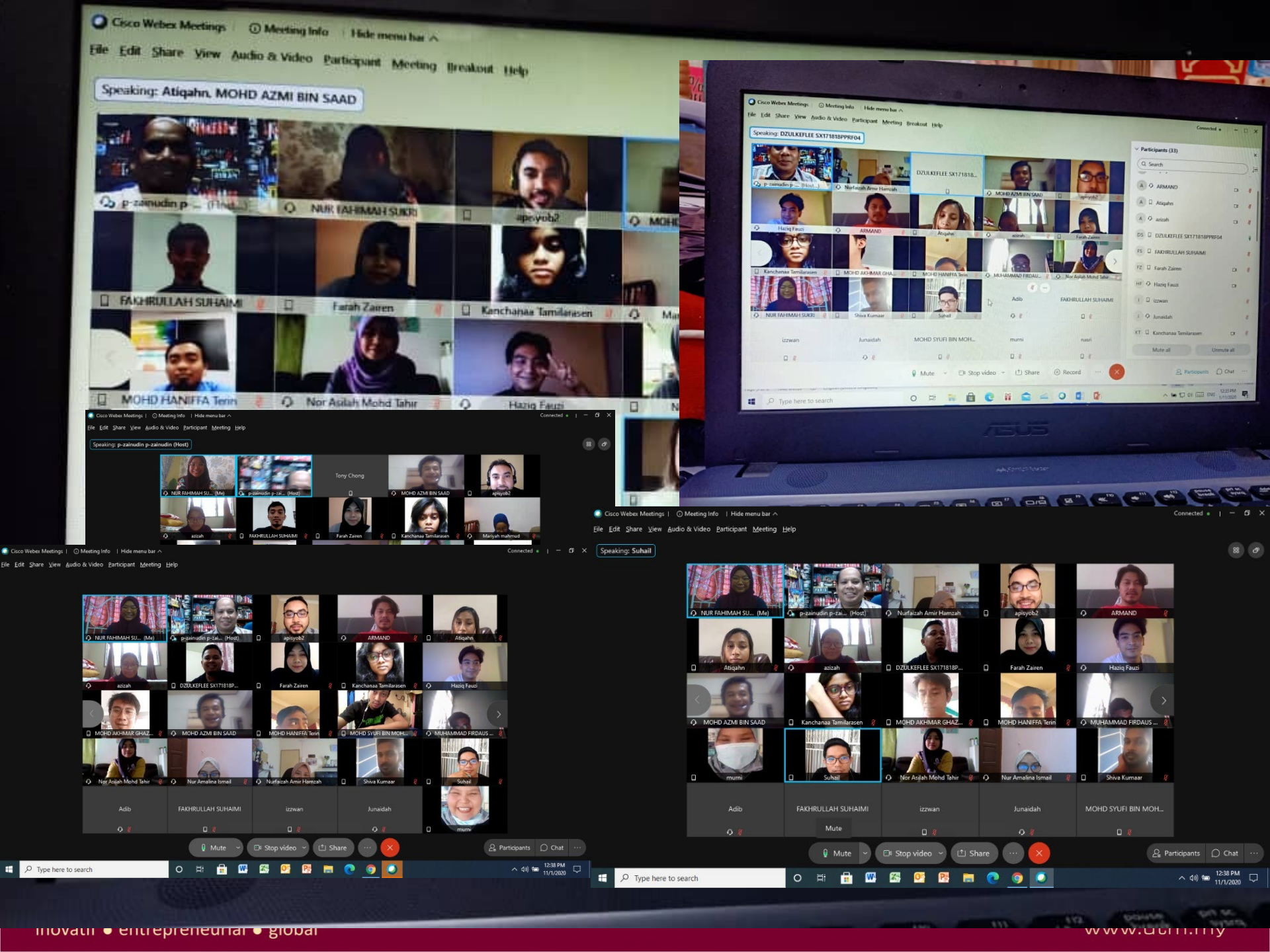
"...an **electronic form of experiential education** and incorporates electronically supported service learning. It is delivered **online and uses the Internet** and state of the **art technologies** that permit students, faculty, and community partners to collaborate **at a distance** in an organized, focused, experiential service learning activity, which simultaneously promotes civic responsibility and meets community needs".



Why service learning online?



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Meeting Info
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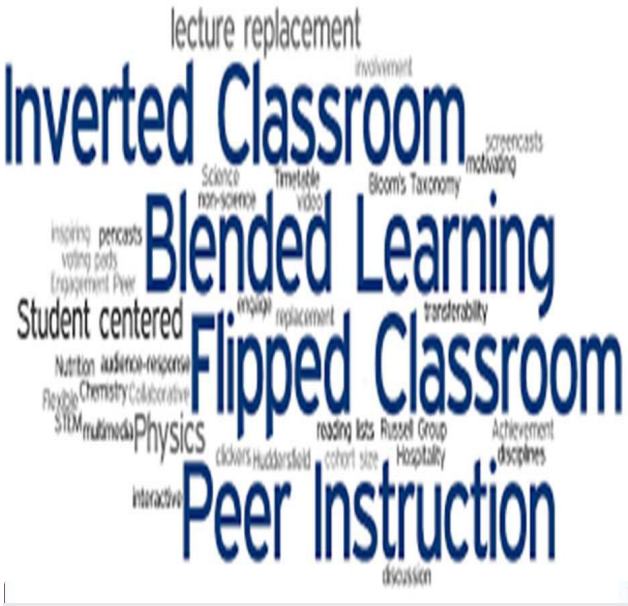
Why service learning online?



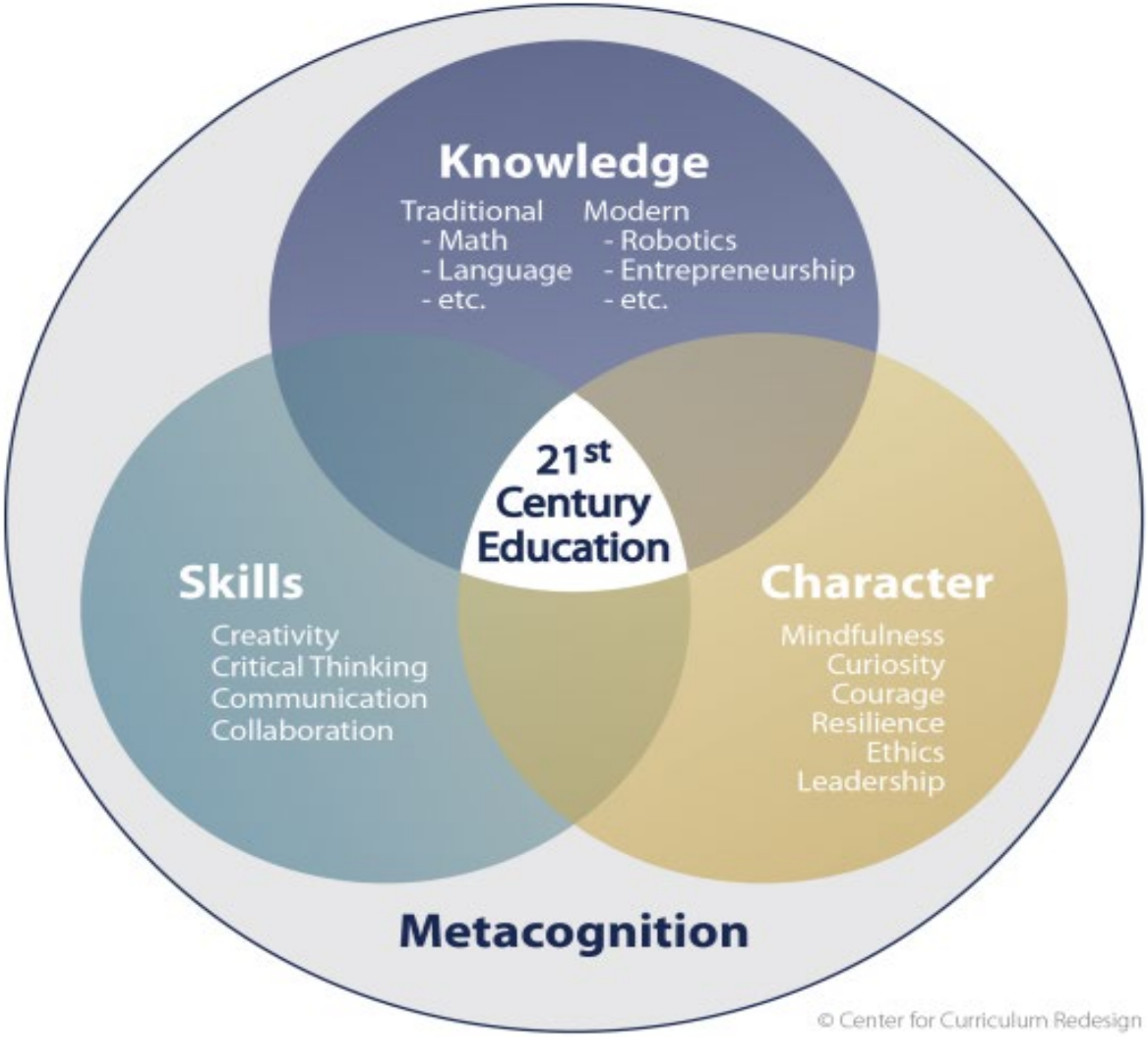
- Service learning may be particularly useful for the **adult learners** often found online because it engages their life experiences and their ability to learn from hands-on tasks.
- E-service learning may compensate for the lack of interaction that can occur in **traditional distance learning courses.** Combining service learning with internet instruction may introduce a new motivation to e-learning while applying knowledge in a real world setting.
- A third reason involves the viability of service learning itself. With so many courses and students increasingly online, service learning itself must go online **in order to remain relevant** and viable.

The benefits of e-service learning

- E-service-learning is an ideal marriage of sorts because it over-comes limitations of both service-learning and online learning. E-service-learning frees service-learning from **place-based access** or **geographical constraints**. E-service-learning also overcomes what some consider a key limitation to online learning—a perceived lack of interaction.

The benefits of e-service learning

- Access to a community partner becomes a moot point in an online environment in cases where the service component occurs online.
- E-service-learning also can engage populations that otherwise may be unable to participate in a service-learning activity, such **as the disabled** (Malvey, Hamby, & Fottler, 2006), **rural populations**, those without a higher education learning institution **nearby** (Strait & Hamerlinck, 2010), or even shy or **introverted individuals** (Seifer & Mihalynuk, 2005).
- When freed of place-based constraints, e-service-learning might include **regional, national, or even global partners** for service projects (Malvey et al., 2006).


Knowledge
Traditional
- Math
- Language
- etc.
Modern
- Robotics
- Entrepreneurship
- etc.
21st Century Education
Skills
Creativity
Critical Thinking
Communication
Collaboration
Character
Mindfulness
Curiosity
Courage
Resilience
Ethics
Leadership
Metacognition
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TPACK

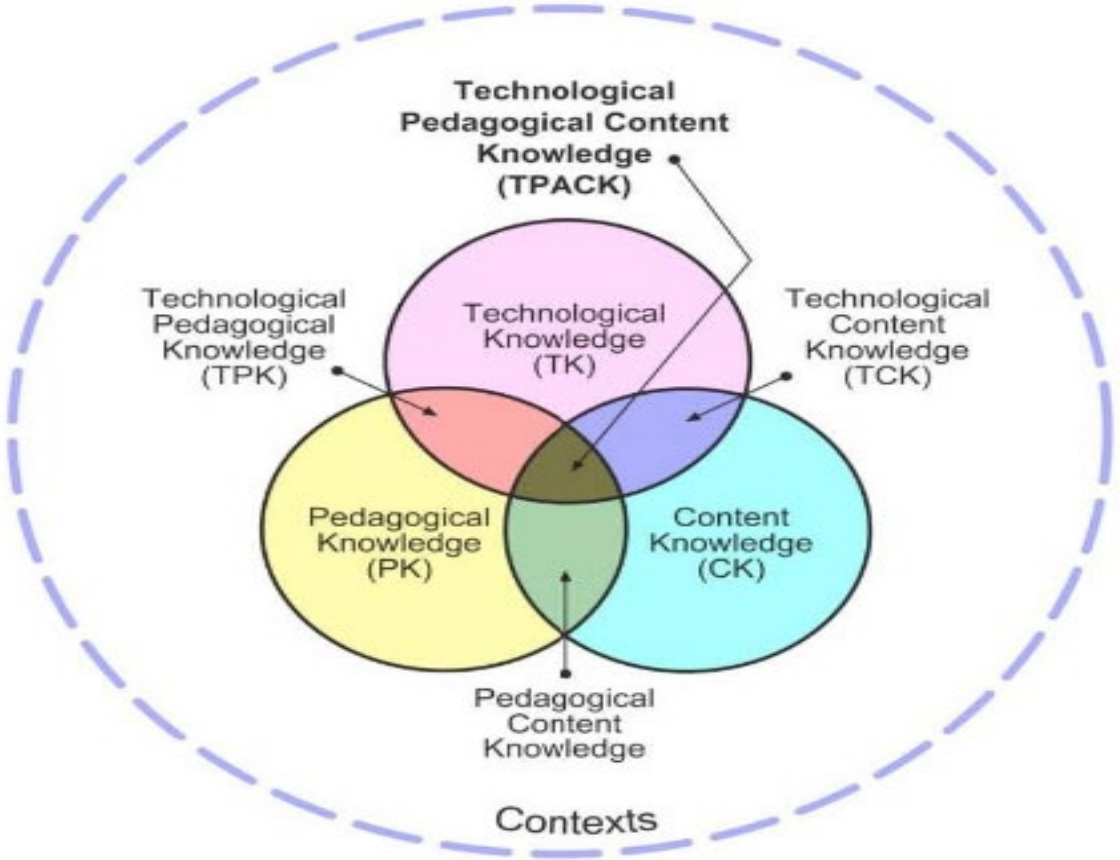


Figure 1.The realm of technological pedagogical content knowledge.
Reprinted courtesy of http://tpack.org/.

Service learning + Online Learning + Distance Learning

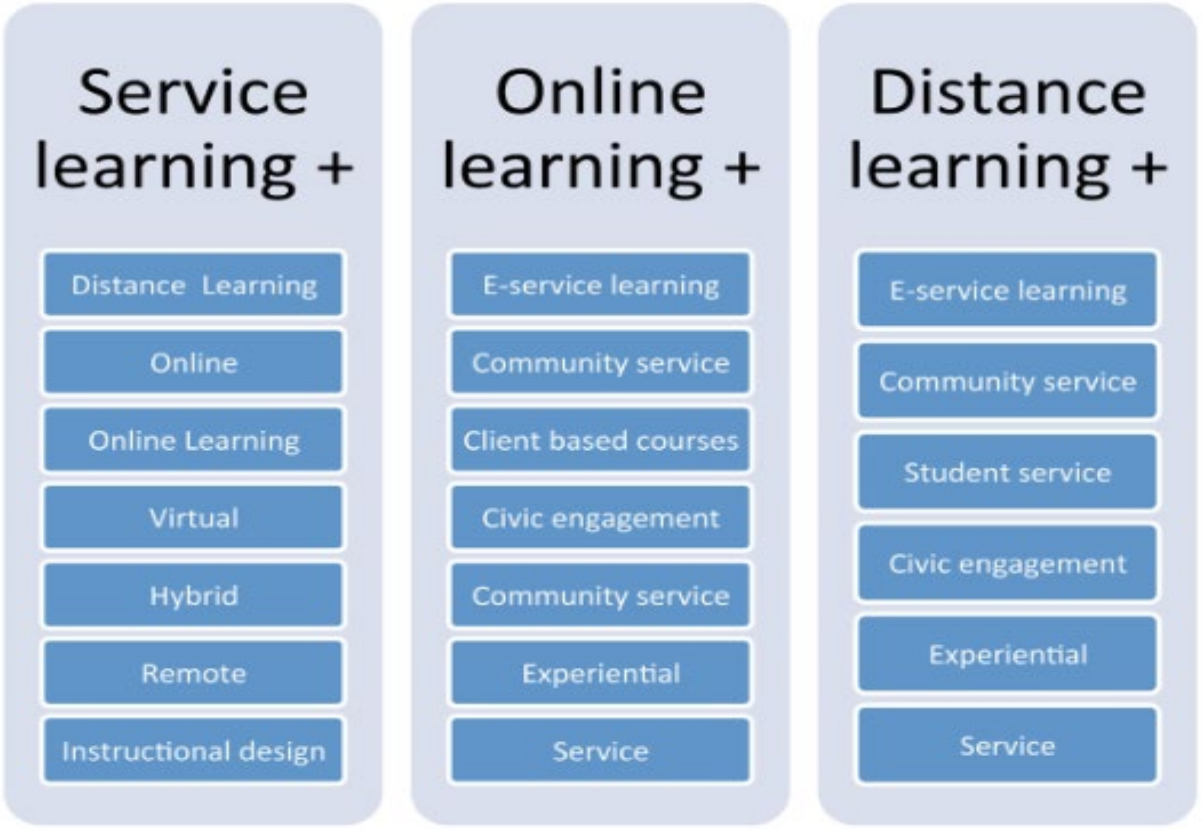


Figure 4. Combinations of keywords used in search criteria.

Technology: Training for Online Service Learning

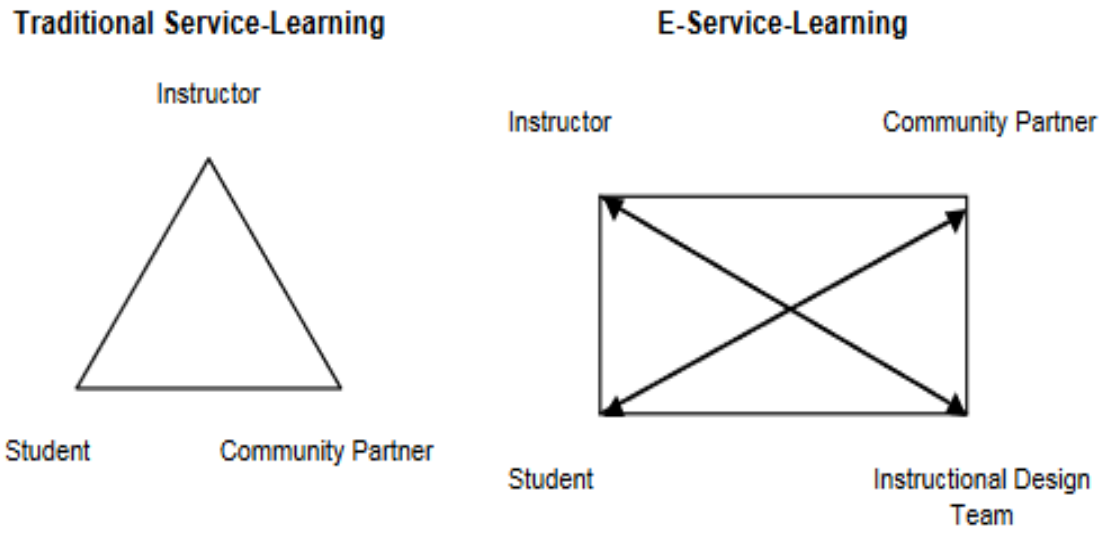
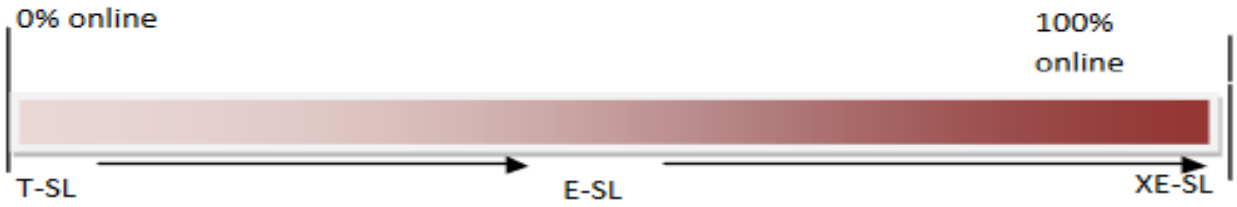


Figure 8. E-service-learning involves more partners than traditional service-learning.

Continuum of Service Learning

Figure 5 ; lies extreme e-service-learning, with 100% of both the instruction and service online (Waldner, McGorry, & Widener, 2010). The nascent forms of e-service-learning that lie between the extremes of traditional service-learning and extreme e-service-learning



T-SL: traditional service-learning; E-SL: e-service learning; XE-SL: extreme e-service-learning

Source: Waldner et al., 2010.

Figure 5. The continuum of service-learning.

Types of e-service learning

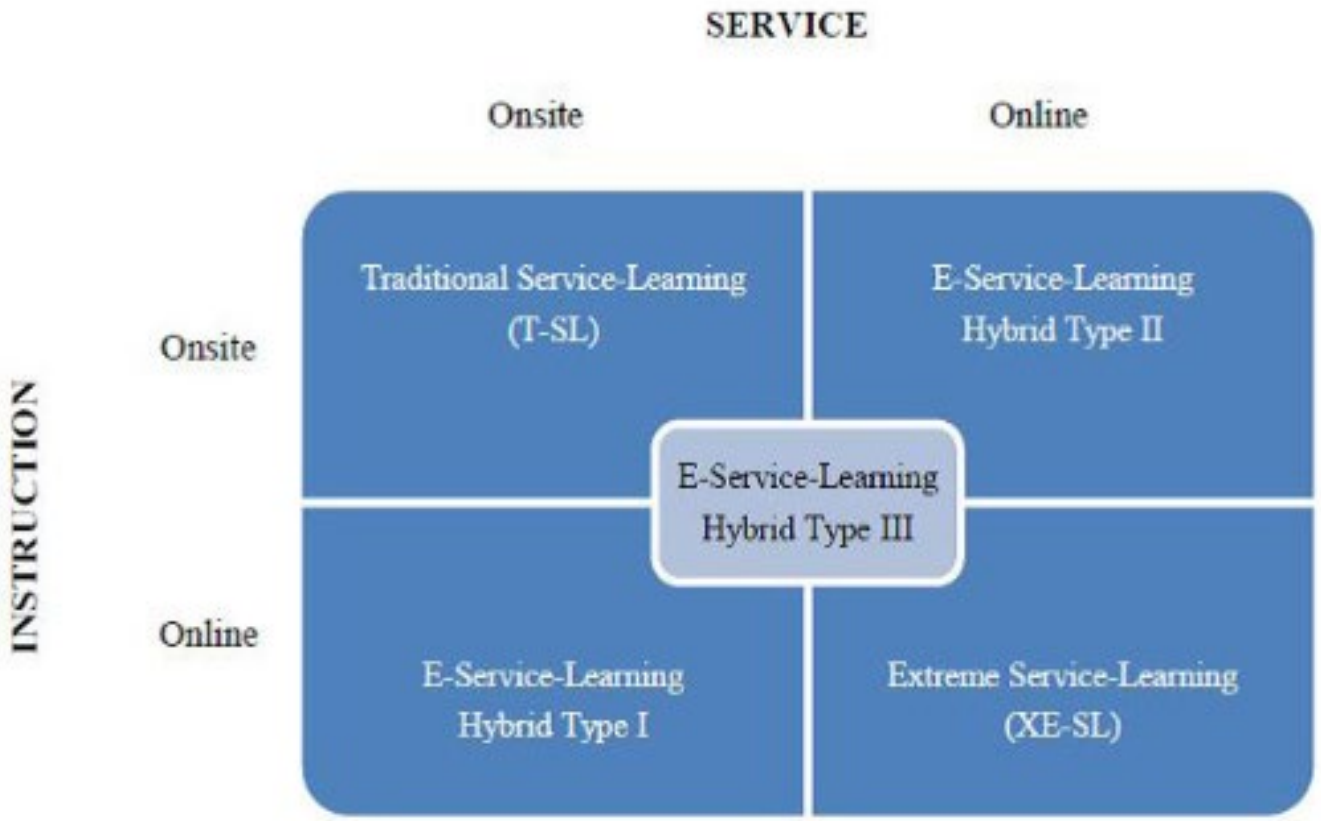
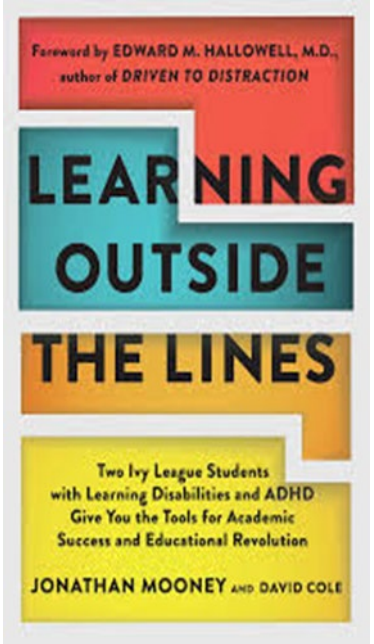
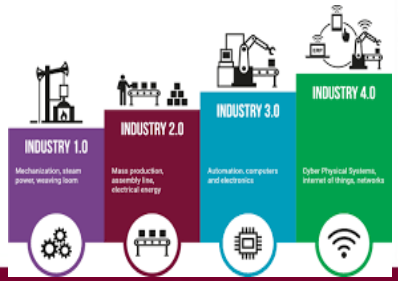


Figure 6. Types of e-service-learning.

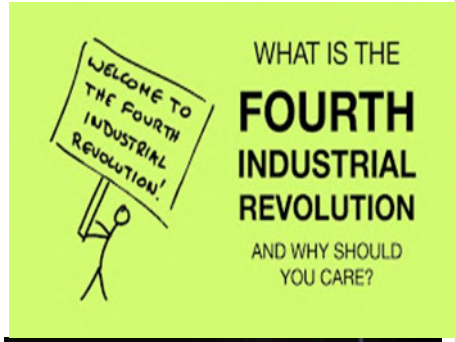
Type I (Hybrid) E-Service Learning: Instruction Online, Service on Site

- Hybrid Type I, **the class is conducted fully online and the service is conducted on site**. For example:,
- In this case, the course was conducted online with the exception of a 10-day intensive group experience in Makassar.
- **Phase I** of the course allowed students to design their intended service-learning project (e.g., a web page for sale of village goods over the internet, a review of health and medical conditions in a village). In the online learning component of **Phase I**, students were introduced to the community partner (a Makassar city) and were assigned specific service projects.
- In **Phase II**, the students traveled to Sulawesi to conduct the service.
- In **Phase III**, the students returned home to finalize projects and to reflect upon their learning experiences.





Type II (Hybrid) E-Service Learning: Instruction on Site, Service Online



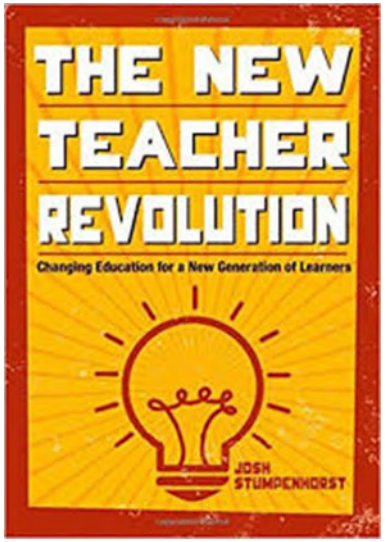
- Hybrid Type II e-service-learning, **the course is conducted on site and the service is conducted fully online, usually with building online resources as the service component.** For example,
- Mosley (2005) took the development of websites into the service-learning realm by requiring on-site students in her Web Design for Non-Profit Organizations course to create a website for the local school district.
- The course, offered through the School of Computer Science and Information Systems, required students to define a website mission and target user population, collect user requirements, design the web pages, perform usability testing, implement and manage the website successfully, and then reflect on the service experience

Type III (Hybrid) E-Service-Learning: Instruction and/or Service Partially on Site and Partially Online

- Hybrid Type III e-service-learning, **instruction may be both on site and online, as may the service component**.
- Strait and Jones' (2009) Each One Teach One program used an **innovative combination of on-site instruction and online communication** to provide mentoring at the UTM. The program consisted of an online service-learning and mentoring program between students at UTM and Skudai High School in Johor Bahru, and students in Grades 5 through 9 at the Pontian school.
- Initial contact occurred by phone as well as online. Subsequently, students traveled to Pontian for a 10-day on-site service working session.

Type IV (Extreme) E-Service-Learning: Instruction and Service 100% Online

- In extreme e-service-learning, **both the course and service are conducted online.** There is no on-site component (Waldner et al., 2010). Examples discussed in Malvey et al. (2006) include a health care course that updated human resources policies and procedures for a not-for-profit acute care facility to ensure compliance with regulatory agencies. In the example, students first performed an audit of policies and procedures to assess regulatory compliance.
- Policies and procedures were posted online for students to review. Students then conducted interviews in chat rooms with senior and middle management staff.
- The students then presented their recommendations for revised policies and procedures on the discussion board.



SERVICE LEARNING @ JOM SIHAT 2018

Sekolah Kebangsaan Taman Nusa Perintis 1, Johor

EXPLORASI BANDAR ILMU DI KAMPUNG MARJUNID, PONTIAN, JOHOR

HMAD MASLAN menggunakan iPad menggerakkan robot merasmikan Explorasi Bandar Ilmu anjuran Fakulti Pendidikan UTM i Kampung Parit Marjunit, Sungai Pinggan, Pontian, Johor, baru-baru ini.

Mahasiswa bantu masyarakat dalam pendidikan

PONTIAN 19 April - Golongan mahasiswa dan mahasiswi pada hari ini disaran membantu masyarakat untuk berjaya dalam bidang pendidikan sejajar keperluan masa depan negara.

Timbalan Menteri Perdagangan Antarabangsa dan Industri, Datuk Seri Ahmad Maslan berkata, banyak pendekatan dan langkah boleh diusahakan untuk menolong masyarakat maju dan berjaya dalam bidang itu.

"Mereka boleh melakukan melalui program-program mendekati masyarakat seperti Bakti Siswa, program khidmat masyarakat dan sebagainya yang dianjurkan oleh pihak universiti.

"Ini secara tidak langsung dapat melahirkan golongan pelajar yang perihatin keperluan masyarakat sekali gus menjadi agen perubahan kepada sosio ekonomi penduduk setempat.

"Kami mengalu-alukan penglibatan dan penyertaan golongan cerdik pandai keluar dari bilik kuliah bagi mendekati masyarakat serta mampu berkomunikasi dengan mereka," katanya ketika merasmikan Explorasi Bandar Ilmu di Kampung Parit Marjunit, Benut, ini baru-baru ini.

Yang turut hadir, Penyelara Program Dr. Zainuddin Hassa Penghulu Mukim Sungai Pingga Zulkiflee Tubee, Ketua Kampu Kawasan (3) Mukim Sungai Pin gan, Mohd. Kasmadi Subuh d Ketua UMNO Cawangan Pa Marjunit, Ayub Elias.

Seramai 12 peserta terdiri dari da bakal-bakal pendidik menyer program itu bertujuan membe kan mereka pengalaman menge perkhidmatan dalam Pengajar dan Pembelajaran (P&P).

LEARNING CITIES : BONDING WITH KNOWLEDGE.

Dewan Serbaguna Flat Kangkar Pulai,
, Johor Bahru, Johor Darul
Takzim

SERVICE LEARNING @ LEARNING CITY
Sekolah Jenis Kebangsaan Tamil Tajul, Kota Tinggi, Johor

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COVID-19

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STAY HEALTHY
STAY STRONG
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MINISTRY OF TOURISM, ARTS AND CULTURE MALAYSIA
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JUNE 10TH TO AUGUST 31ST 2020

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Oh, My English! Language Camp

SPPP 4062 (01) - Educational Sociology

Lecturer: Assoc. Prof. Dr. Zainudin bin Hassan

Prepared by:

Name	Matric Number
Abid Zulfadhli bin Razali	A17PP0001
Fatin Nurazirah binti Zulkepli	A17PP0015
Huda Dinie binti Abdullah	A17PP0019
Nur Najihah Najwa binti Jaafar	A17PP0076
Nik Mohammad Aiman bin Nik Ibrahim	A17PP0062
Zeenatun Nisa' binti Zaine	A17PP0101

Introduction

Oh, My English! Language Camp intended to provide a compelling learning approach for the students to acquire English language through engaging and interesting learning processes.

Aim: To prioritizes the students' proficiency in language skills rather than just focusing on the content

Platform

Camp conducted through asynchronous learning activities on several online platforms:

- Telegram
- Quizizz
- Google Form
- Padlet

Program Area of Expertise

Projects: Education (Language Camp)

Objectives

i. To build an engaging learning environment with the students via online platforms
ii. To develop students' language learning skills through active participation
iii. To enhance students' motivation and interest in their English language acquisition process

Implementation

- Three activities were conducted throughout the camp:
  - **Grammar Checklist** (28 December 2020)
  - **Vocabulary Codes** (29 December 2020)
  - **Read It Aloud** (30 December 2020)
- Submission date for activities : **31 December 2020**
- Closing ceremony: **1 January 2021**

Media Coverage

Camp Logo

Camp Poster

Tentative

VIRTUAL GO GREEN CAMP

AHLI KUMPULAN

- Ainin Sofiya Binti Mohd Zawawi (A17PP0002)
- Amy Suraya Binti Ahmad Muzamil (A17PP0007)
- Hagiladeswari A/P Palani (A17PP0017)
- Niroshinee A/P Sukumaran (A17PP0063)
- Noor Hasinah Binti Mohamed Subian (A17PP0065)
- Nur Amira Binti Azman (A17PP0071)

POSTER PROGRAM

Nama Program:
Virtual Go Green Camp (UTM - SMK TAMAN UNIVERSITI 2)

Area & Fokus Program:
Pendidikan, Kelestarian Alam Sekitar

Pengarah Program:
Niroshinee A/P Sukumaran

Lokasi Projek:
Program dijalankan secara atas talian

Komuniti Sasaran:
Ahli Kelab Pencinta Alam Sekitar SMK Taman Universiti 2

Tempoh Pelaksanaan

Tarikh : 28 - 31 Disember 2020

Masa : bermula 10 Pagi

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KAEDAH

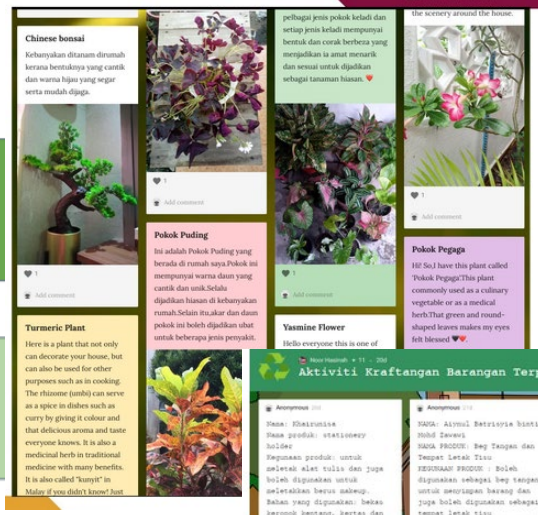
Perkongsian ringkas tentang Go Green
- YouTube
- Padlet

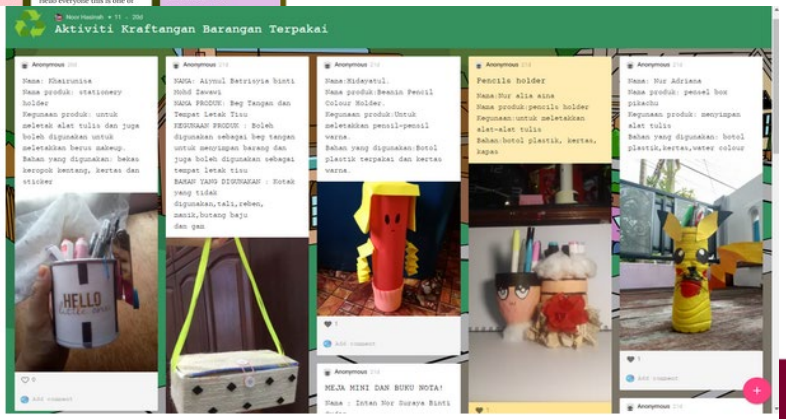
Sesi Ice-breaking
- Mentimeter
- Padlet

Penghasilan kraftangan menggunakan bahan kitar semula
- YouTube
- Padlet

"Nature Hunt"
- Padlet

Penghasilan e-poster
- CANVA
- Padlet





SPPP4062-01 EDUCATIONAL SOCIOLOGY

SERVICE LEARNING PRESENTATION
EDEN IN KUO KUANG

Anushia a/p D Achuthan Pillai	A17PP0009
Ivy Lau Ing Ing	A17PP0021
Mohamad Ridhuan Bin Nasarudin	A17PP0032
Ng Jing Yi	A17PP0061
Tan Tze Yi	A17PP0095
Uthaya Nilavan a/l Narayanan	A16KT0444

Lecturer: PM Dr Zainudin bin Hassan
Presentation Date: 20th January 2021

7 Activities

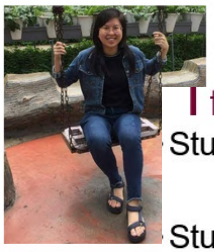
- Pest, Pest Go Away!
- Let The Drawing Green!
- Give Me A Second Chance!
- I think, You think, We think!
- What is Recycle?
- Compose A Compost!
- Mural Hand-in-hand

Pest, Pest Go Away!

A screenshot of the video on how to make a natural pesticide.

I think, You think, We think

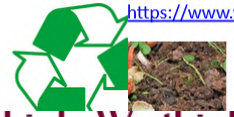
- Activity is conducted **online** through **WhatsApp.**
- Cooperate with school teachers, Ms Lai Jia Ying and Mr Samuel Lee Kuang Wei.
- Instructions and examples of recyclable objects (pictures) are shown to students.



Compose A Compost!

Goal: Students could learn how to make a natural compost that helps plants grow better without the use of any chemical substances.

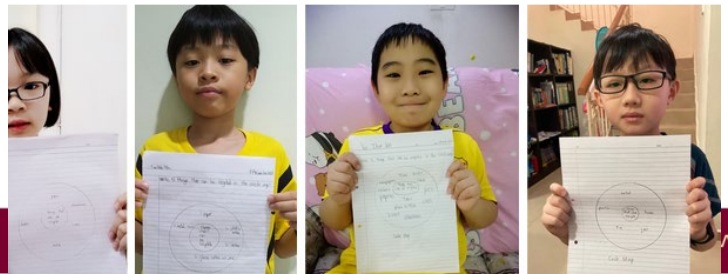
Online Activity: Students need to watch a video about making a natural compost.
https://www.youtube.com/watch?v=Df7KnJNANsA



I think, You think, We think

Students draw the mind map individually.

Students could write down at least 5 things that could be recycled and complete the activities.



SERVICE LEARNING:
ENGLISH WEEK (SUMMER CAMP)

Disediakan oleh:
Muhammad Amirul bin Shuhaimi
Ammar bin Mat Naim
Muhammad Asyraf bin Mohd Anwar
Rozhafiezam bin Rosdi
Nur Izzati binti Mohamed Jamil

Nama Program:

ENGLISH WEEK (SUMMER CAMP) 2020

Tempat:

SMK Kangkar Pulai, Johor

Tempoh pelaksanaan:

26 Disember 2020, 2 Januari 2021, 9 Januari 2021 dan 10 Januari 2021

Anjuran:

Pelajar Tahun 4 TESL, Universiti Teknologi Malaysia (UTM)

engarah:

uhammad Amirul bin Shuhaimi

Kaedah

tiviti: Majlis
elancaran
Google Meet

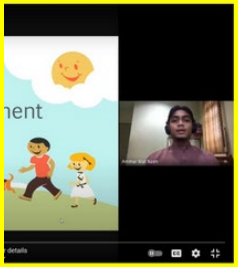
Aktiviti: Writing
- Google Meet
- Padlet

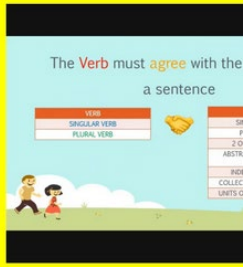
Aktiviti: Grammar
- Google meet
- Video dan PowerPoint

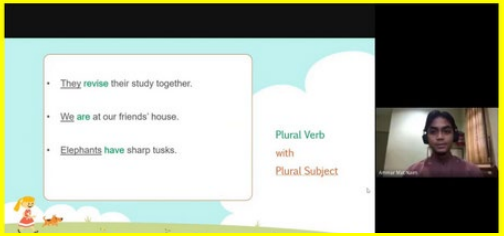
Aktiviti: TESL Student's experience talk
- Google Meet

Aktiviti: Majlis Penutup
- Google Meet

Video Pengajaran







Google Meet → Pembentangan Nota → Latihan Padlet → Hasil Kerja Pelajar

Talk About Sustainability 3R (Reduce, Reuse, Recycle)

AHLI KUMPULAN :

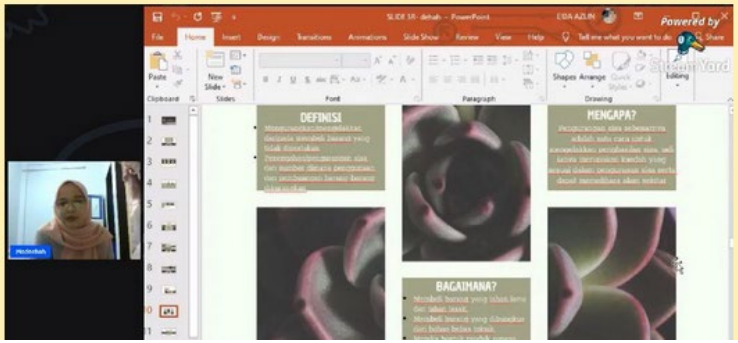
- Nor Aqira Binti Rosli
- Murni Fahirah Binti Mahmud
- Nur Azlin Idayu binti Md Adam@ Mohd Adnan

2. Platform Projek

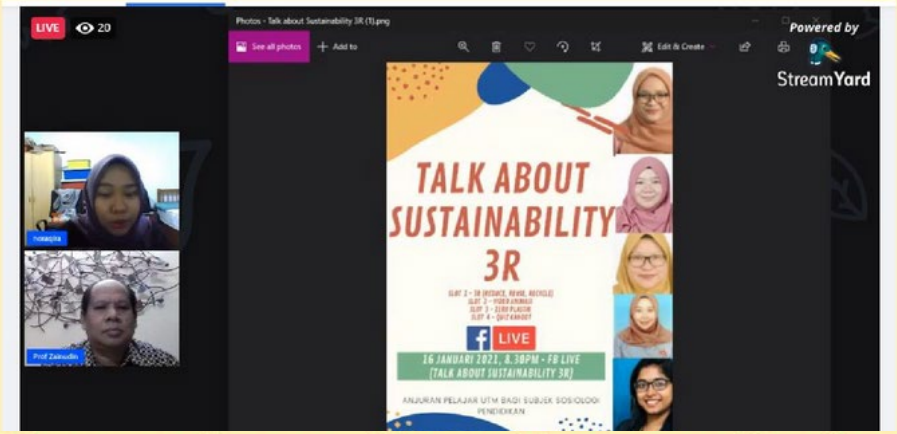
F — Facebook Live

S — Stream Yard

Talk 3R (Reduce, Reuse, Recycle)

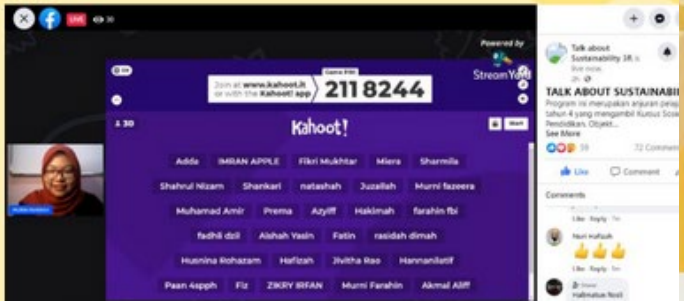


Ucapan Aluan daripada Penasihat Program



Forum Zero Plastic

Permainan Fun Games Quiz Kahoot



PROJECT OBJECTIVES

school playground and school playtime are vitally important to children.

2. school playgrounds play important role in their daily life for fulfilling their interest

3. child psychologists and educators have considered the school playground as an important venue for children's social and cognitive development.

4. The initiative will help increase attendance rate in their schools. Create an environment that encourages parents and stakeholders to visit the school and participate in the school's activities. Involve parents and community in long term children program.

UNIVERSITI TEKNOLOGI MALAYSIA

FACULTY OF EDUCATION
UNIVERSITI TEKNOLOGI MALAYSIA
MPPD1313 : ORGANIZATION DEVELOPMENT

Said Jamaluddin Afghan University Service Learning Program of Creating Safe And Drug-Free University club 2020, Kunar, Afghanistan.

Method

Several activities were conducted simultaneously such as workshop, Coloring Competition, walk in the university, Talks, Islamic lecture & Talks & campaign.

UTM
UNIVERSITI TEKNOLOGI MALAYSIA

"CRAWLY GREENY PROJECT (CGP) 2021, AMIDST THE PANDEMIC"

A Service Learning
&
E-Service Learning Program

Introducing...

Bean plantation challenge..

OW ABOUT RECYCLING?

STUDENTS WILL USE RECYCLE ITEMS FOR PRODUCING DAILY TOOLS/TOYS

Each students will be getting a 500g packet of soils and 3 bean seeds.

-made compose, red soil mixed with fertilisers.

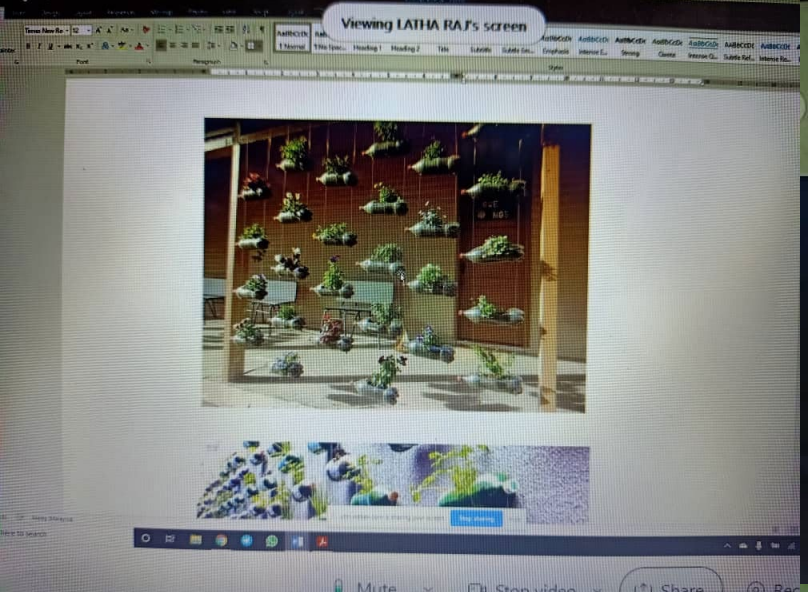
BEANS STARTED TO GROW (22/12/2020)

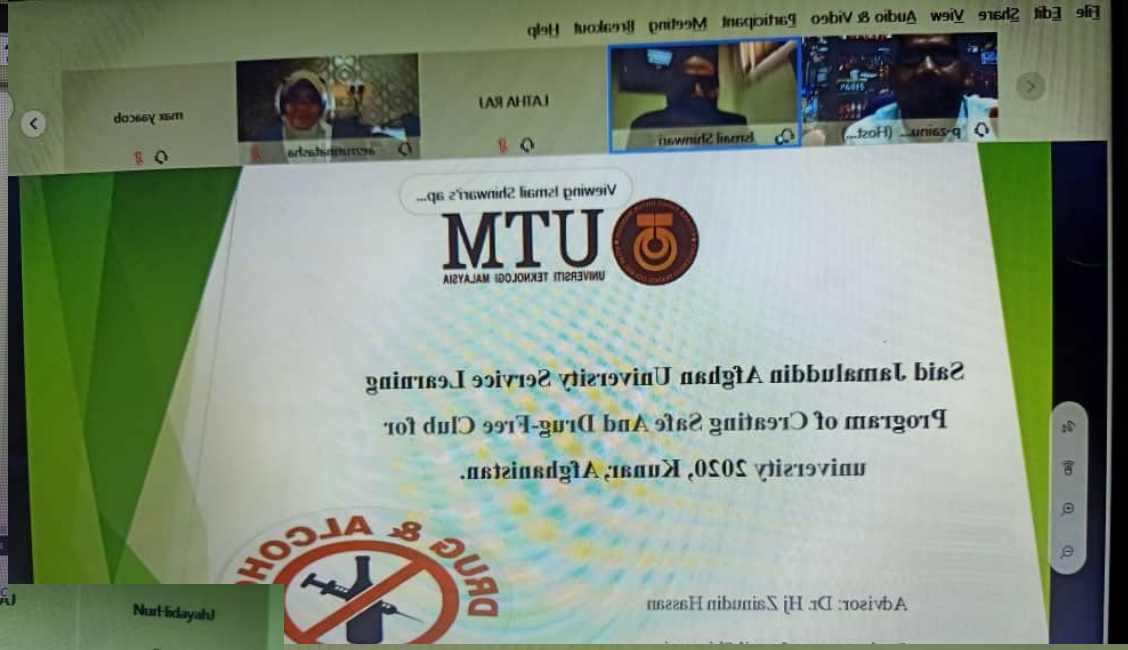
Plantation Progress (30/12/2020)

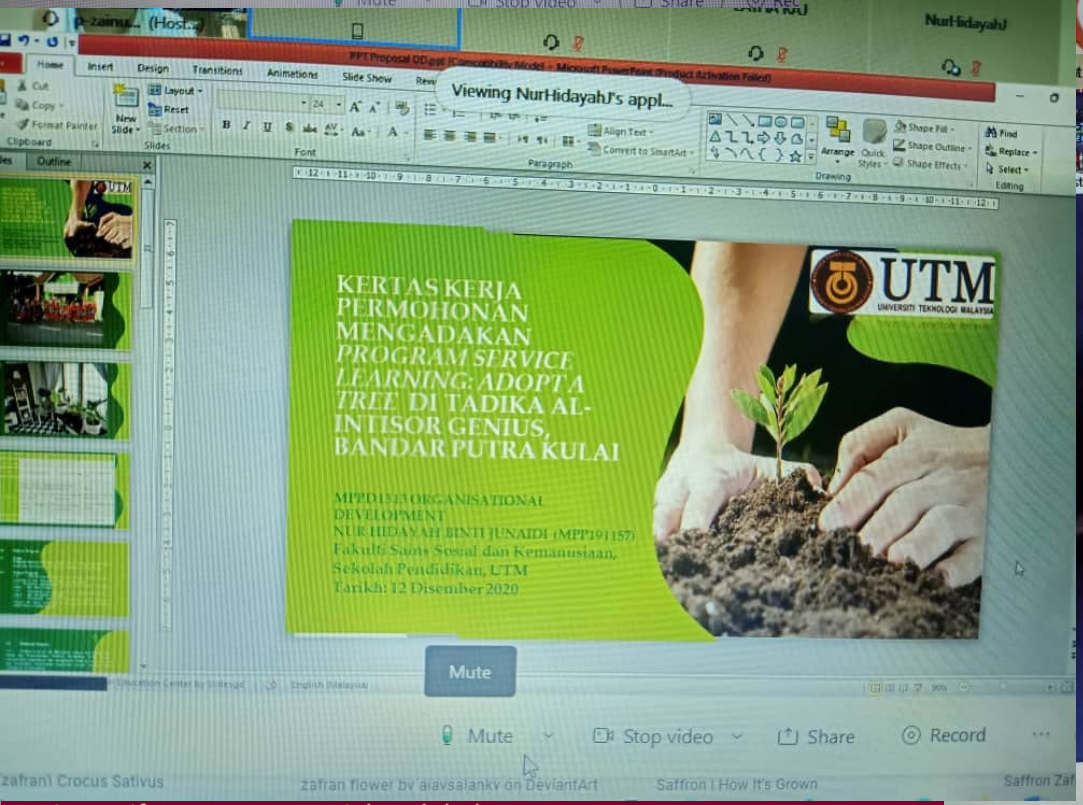
Azra Zaweer Aishah Danish

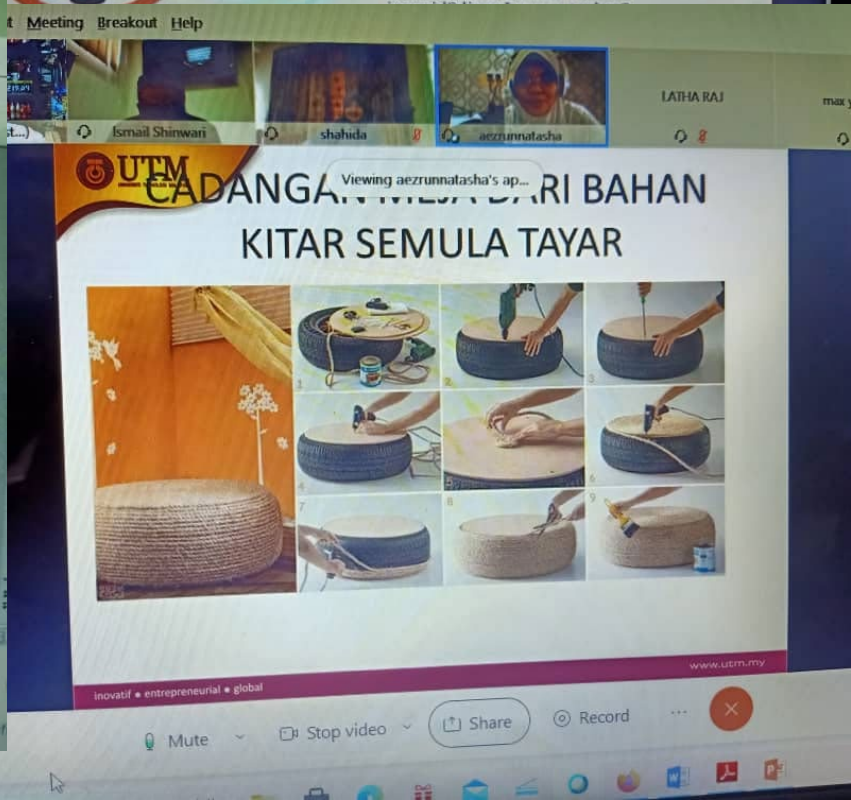
Plantation Progress (13/1/2021

Plantation Progress (13/1/2021)


Viewing LATHA RAJ's screen
Mute
Stop video
Share


MTU
UNIVERSITI TEKNOLOGI MALAYSIA
Said Jamaluddin Afghan University Service Learning
Program of Creating Safe And Drug-Free Club for
university 2020, Kuanr, Afghanistan.
DRUG & ALCOHOL


Viewing NurHidayahJ's appl...
KERTAS KERJA PERMOHONAN MENGADAKAN PROGRAM SERVICE LEARNING: ADOPT A TREE DI TADIKA AL-INTISOR GENIUS, BANDAR PUTRA KULAI
UTM
UNIVERSITI TEKNOLOGI MALAYSIA
MPTD1113 ORGANISATIONAL DEVELOPMENT
NUR HIDAYAH BINTI JUNAIDI (MPP191157)
Fakulti Sains Sosial dan Kemanusiaan,
Sekolah Pendidikan, UTM
Tarikh: 12 Disember 2020
Mute
Stop video
Share
Record


Meeting
Breakout
Help
Ismail Shinwari
shahida
aezrunnatasha
Viewing aezrunnatasha's ap...
UTM
CADANGAN MEJA DARI BAHAN KITAR SEMULA TAYAR
inovatif • entrepreneurial • global
Mute
Stop video
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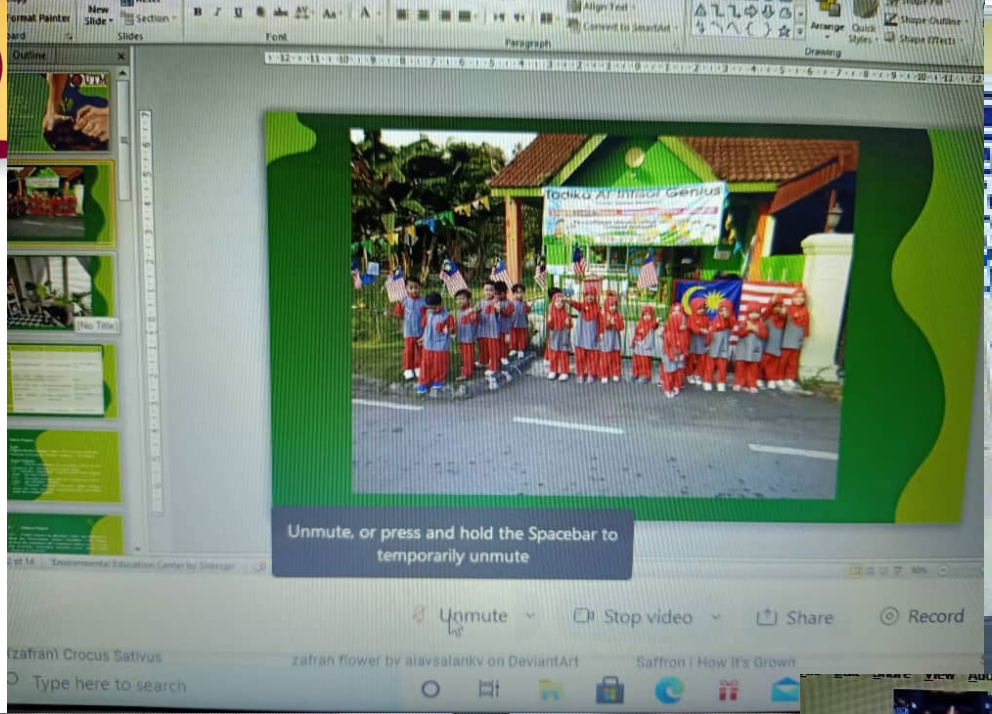
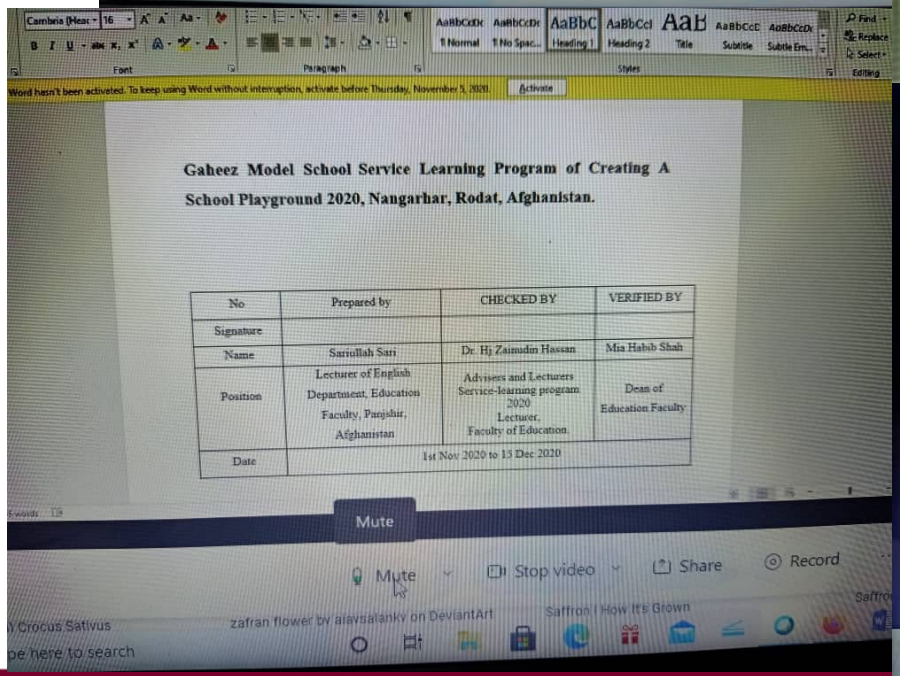
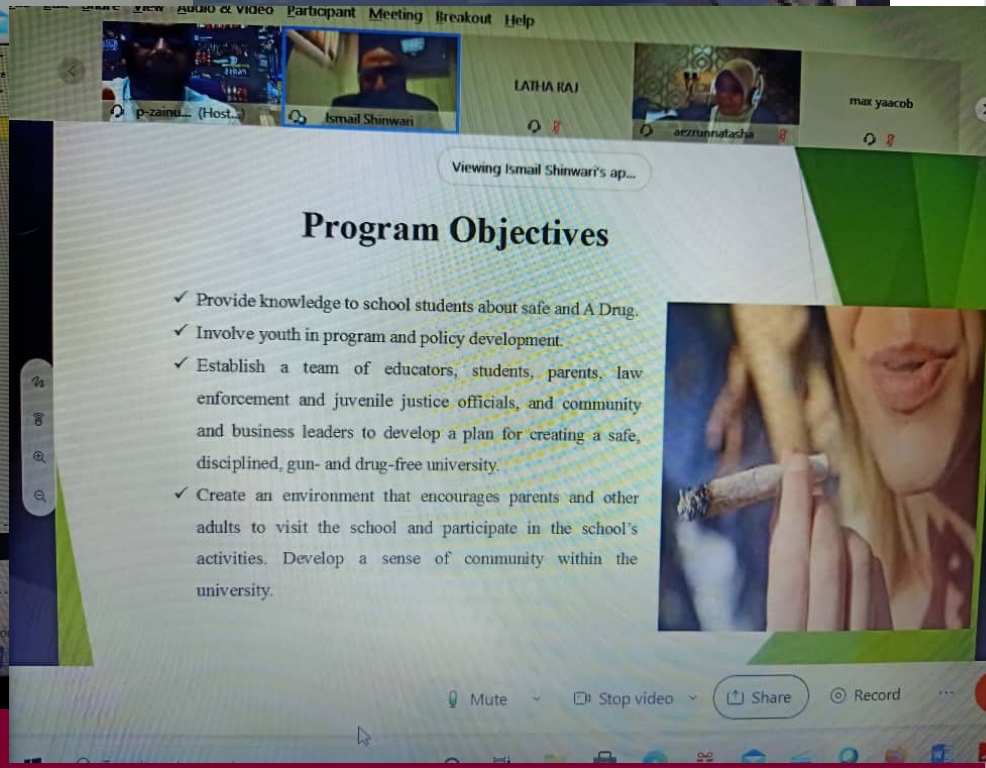
Record





No	Prepared by	CHECKED BY	VERIFIED BY
Signature			
Name	Sariullah Sari	Dr. Hj Zainudin Hassan	Mia Habib Shah
Position	Lecturer of English Department, Education Faculty, Panjshir, Afghanistan	Advisers and Lecturers Service-learning program 2020 Lecturer, Faculty of Education	Dean of Education Faculty
Date	1st Nov 2020 to 13 Dec 2020		



Best Practices and Design Principles

STAF UTM bersama Duta Besar Malaysia di Kemboja Datuk Seri Hasan Malek (li

MENYAMPAIKAN sumbangan Aidilfitri kepada penduduk.

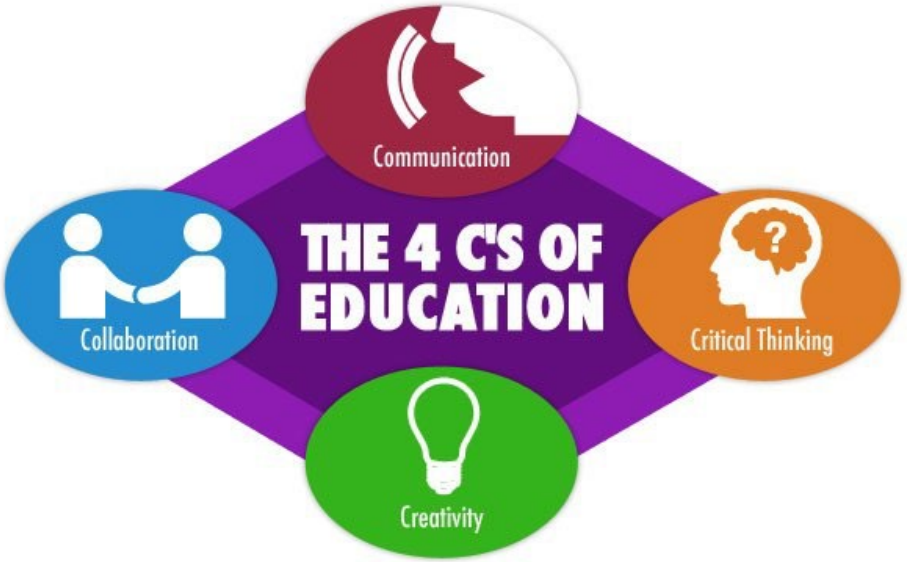
STAF UTM PROMOSI SERVICE LEARNING DI KEMBOJA

Seramai lima kakitangan Universiti Teknologi Malaysia (UTM) berada di Kemboja selama tiga hari bagi mempromosikan pendekatan Service Learning dalam gagasan Akademia Baru dan libatsama dalam jaringan projek komuniti di negara berkenaan.

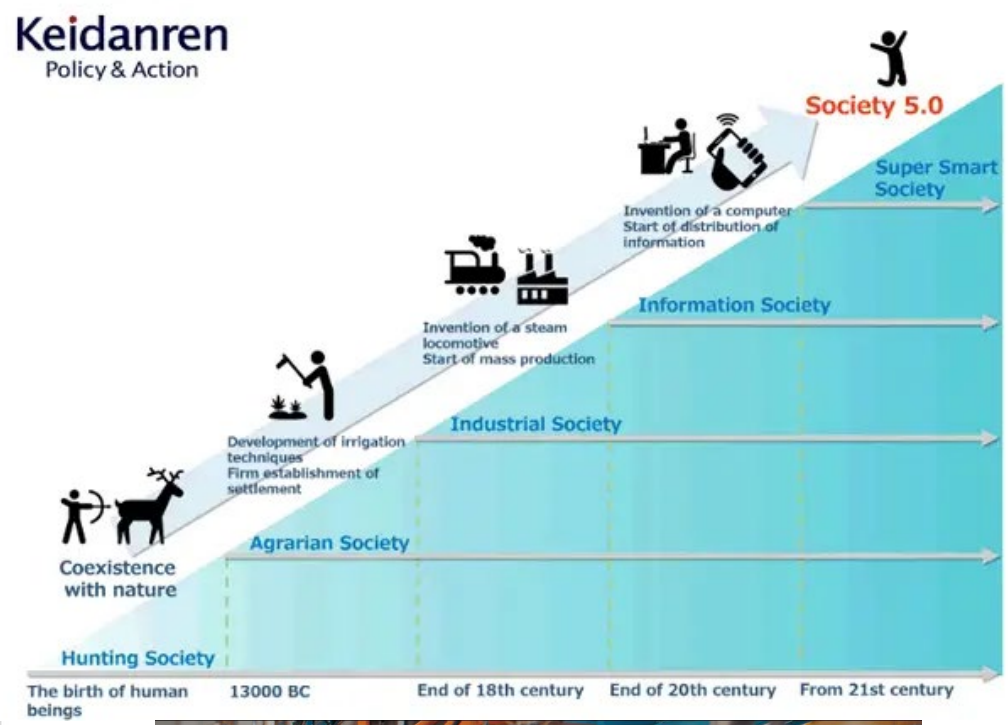
Semasa berada di sana mereka turut meninjau peluang bagi mencari rakan kolaborasi dan strategik yang baru dalam mengumpul dana untuk program Tanggungjawab Sosial Universiti (USR).

Pertemuan itu diatur oleh pejabat Kedutaan Besar Malaysia di Kemboja membolehkan UTM memberi penerangan mengenai perkembangan terkini program USR di Kampung Khleangsbek.

Taklimat itu bertujuan mendapatkan dana bagi membiayai fasa seterusnya Projek Pelestarian Komuniti Lestari Berimpak Tinggi yang dilaksanakan di kampung berkenaan sejak 2013.



5.0?



Factfile

History of industrial revolution

1.0 — **1780 – Mechanisation**
Industrial production based on machines powered by water and steam

2.0 — **1870 – Electrification**
Mass-production using assembly lines

3.0 — **1970 – Automation**
Automation using electronics and computers

3.5 — **1980 – Globalisation**
Offshoring of production to low-cost economies

4.0 — **Today – Digitalisation**
Introduction of connected devices, data analytics and artificial intelligence technologies to automate processes further

5.0 — **Future – Personalisation**
The fifth industrial revolution, or Industry 5.0, will be focused on the co-operation between man and machine, as human intelligence works in harmony with cognitive computing. By putting humans back into industrial production with collaborative robots, workers will be upskilled to provide value-added tasks in production, leading to mass customisation and personalisation for customers

FUTURE STUDIES

- Research should also be conducted to **compare** the out-comes of e-service-learning to those in traditional service-learning experiences, especially in areas related to performance differences in **learning outcomes, civic engagement, professional development,** and more.

- https://usm.maine.edu/sites/default/files/service-learning-volunteering/Bharath%202020%20Using%20eService-Learning%20to%20Practice%20Technical%20Writing%20Skills%20for%20Emerging%20Nonprofit%20Professionals.PDF
- https://usm.maine.edu/sites/default/files/service-learning-volunteering/Waldner%2C%20McGorry%2C%20Widener%202012%20E%
- 20Service%20Learning%20General_0.pdf

Universiti Teknologi Malaysia takes its branding to skies with Air Asia

TERIMA KASIH

Thank you

p-zainudin@utm.my