

# TRAINING REPORT TELECONFERENCE

**KYUSHU UNIVERSITY HOSPITAL FUKUOKA**  
**7 NOV - 18 NOV 2016**

*Kyushu University Hospital*

**WARNING:**  
**GRAPHIC CONTENT AHEAD**

**AHMAD HELMY ZAINAL ABIDIN**  
ASSISTANT INFORMATION TECHNOLOGY OFFICER  
UNIVERSITY OF MALAYA MEDICAL CENTRE

**MUHAMAD HANAFI BIN ABU BAKAR**  
PROJECT OFFICER  
UNIVERSITY OF MALAYA

Official transportation (if not raining)



**UNIVERSITY OF MALAYA**  
**RANKED 133TH IN THE QS WORLD**  
**UNIVERSITY RANKINGS**



Smiling Heavenly

**MY BELOVED TEAM DURING ENDOSCOPY WORKSHOP 2015**

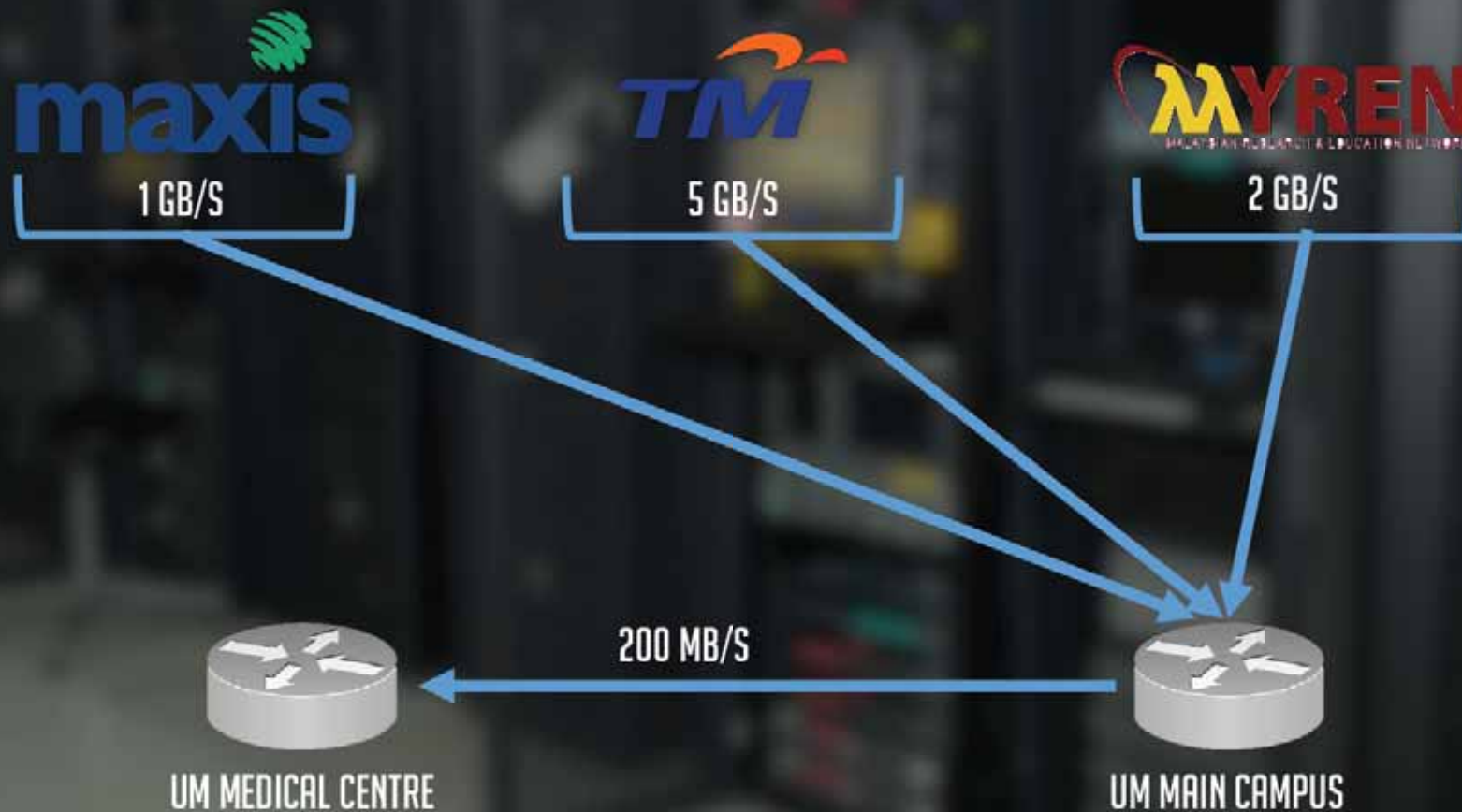
## MULTIMEDIA DEPARTMENT

+SUPPORT UNIVERSITY'S MULTIMEDIA NEEDS  
+INCLUDING TELE AND VIDEO CONFERENCING



*En. Amin, my head Unit*

# UM INTERNET CONNECTION





**THE JOURNEY BEGIN ON 4<sup>TH</sup> NOV 2016  
KUL - HND - FUK**

*All Nippon Airways – NH885, KLIA*



## BRIEFLY ABOUT TEMDEC

- LED BY PROF. SHIMIZU
- 4 DOCTOR INCLUDING PROF SHIMIZU
- 4 ENGINEER (TWO OF THEM HOLD PHD)
- 3 COORDINATOR
- 2 GRADUATE STUDENT

## TRAINING ITENARY (ONE MONTH TRAINING)

1. HOW THE TELEMEDICINE EVENT IS REALIZED  
(FLOW OF ALL STAFF: DOCTORS, ENGINEERS, COORDINATORS AND ALL)
2. REQUIRED QUALITY LEVEL FOR TELEMEDICINE
3. TELECONFERENCING SYSTEMS
4. TECHNICAL PREPARATIONS
5. HOW TO WORK ON PROBLEMS

**EVENT / VC ATTENDED**

*Mr Spider at Dazaifu*

**PUMCH CONFERENCE**  
**DVTS**  
**UNIVERSITY BETWEEN JAPAN AND CHINA**





**ONE OF THE PARTICIPANT IS ACTUALLY FROM UM'S FACULTY OF MEDICINE!**



**LATIN CONFERENCE**  
**VIDYO**  
**MORE THAN 19 SITE FROM LATIN-AMERICA ATTENDED**

**PROF SHIMIZU GIVE SOME REMARKS  
TO THE PARTICIPANT**



Vidyo Point in Kyushu Univ Hosp  
Gateway  
⇒ 133.5.230.204  
(Malaysia Room: 206110)  
• Call from Control (Vidyo)  
04...



**INDONESIA TELECONFERENCE**  
**VIDYO**  
**MORE THAN 6 SITE FROM INDONESIA AND JAPAN**





# ECE MEETINGS

## VIDYO, 16 PARTICIPANT FROM MALAYSIA, JAPAN, THAILAND, INDONESIA, INDIA AND SINGAPORE

VidyoDesktop™ - ECE@vidyo-portal.med.kyushu-u.ac.jp

Search Participants

Participants: 17

- Changi General Hospital
- Cho Ray Hospital
- Chulalongkorn University2
- Deenanath Mangeshkar H...
- ILBS
- Kyushu University Hospital...
- Nagoya University Hospital
- Recorder
- Saiful Anwar Hospital - Br...
- Selayang Hospital
- Shunta Tomimatsu@temdec
- Tata Memorial Hospital



SEIKO

- Chulalongkorn University2
- Deenanath Mangeshkar Hos...
- ILBS
- Kyushu University Hospital VR
- Nagoya University Hospital
- Recorder
- Saiful Anwar Hospital - Braw...
- Selayang Hospital
- Shunta Tomimatsu@temdec
- Tata Memorial Hospital
- UKM Medical Centre
- University of Malaya
- University of Malaya, Me...
- University of Science, Malay...



**TEMDEC, Kyushu U Hosp.**

274-20110921



HDD

REC 0:04:18

REM 4 HOUR 3 MIN

AM 9:07

2011/ 9/21

HX

**SITEL CONFERENCE**

**H.323**

**PROF SHIMIZU GIVING REMOTE LECTURE**

00:05



13:08  
2016/11/17

TEMDEC  
Technology Development Center of Asean

### Medical movie

## Cooperation in laparoscopic surgery between KR & JP

Aug 1, 2003

- Needs! Laparosc. Surg.
- No costly equipment



NCC, Korea

Kyushu Univ., Japan



UNIVERSITY OF MALAYA



**WHAT I HAD LEARNED IN THE TRAINING?**

## EACH TECHNOLOGY HAVE THEIR OWN ADVANTAGES/DISADVANTAGES

### DVTS

- +FREE!!
- +HIGH FRAMERATE [59.97]
- HIGH BANDWIDTH
- LOT OF TECHNICAL PREPARATION

### VIDYO

- +HD QUALITY!!
- +EASY TO OPERATE
- +LOW BANDWIDTH
- NOT FREE BUT REASONABLE

### H.323

- +HD QUALITY!!
- +EASY TO OPERATE
- +LOW BANDWIDTH
- EXPENSIVE!!



## PROBLEM SOLVING

- + TECHNICAL TEAM AT TEMDEC REALLY EXPERT ON TELECONFERENCE
- DVTS NEEDS A LOT OF TEST AND TROUBLESHOOTING
- MOST OF THE PROBLEM ARE WITH SOUND. NO SOUND, ECHO, FEEDBACK
- VIDEO QUALITY DEPEND ON CONNECTION SPEED

Latin-Notification - Excel

MS Pゴシック

B I U

Dr. Gabriel Can you hear me?

5 6 7 8 9 10 11 12 13 14

**Mute your microphone**

Dr. Gabriel Can you hear me?

Self View

Shunta Tomimatsu@temdec

AUDITORIO

National Autonomous University of Mexico

WGO - TRAINING CENTER SAN JOSE - COSTA RICA

Pontificia Universidad Javeriana Cali

Gastro Clínica

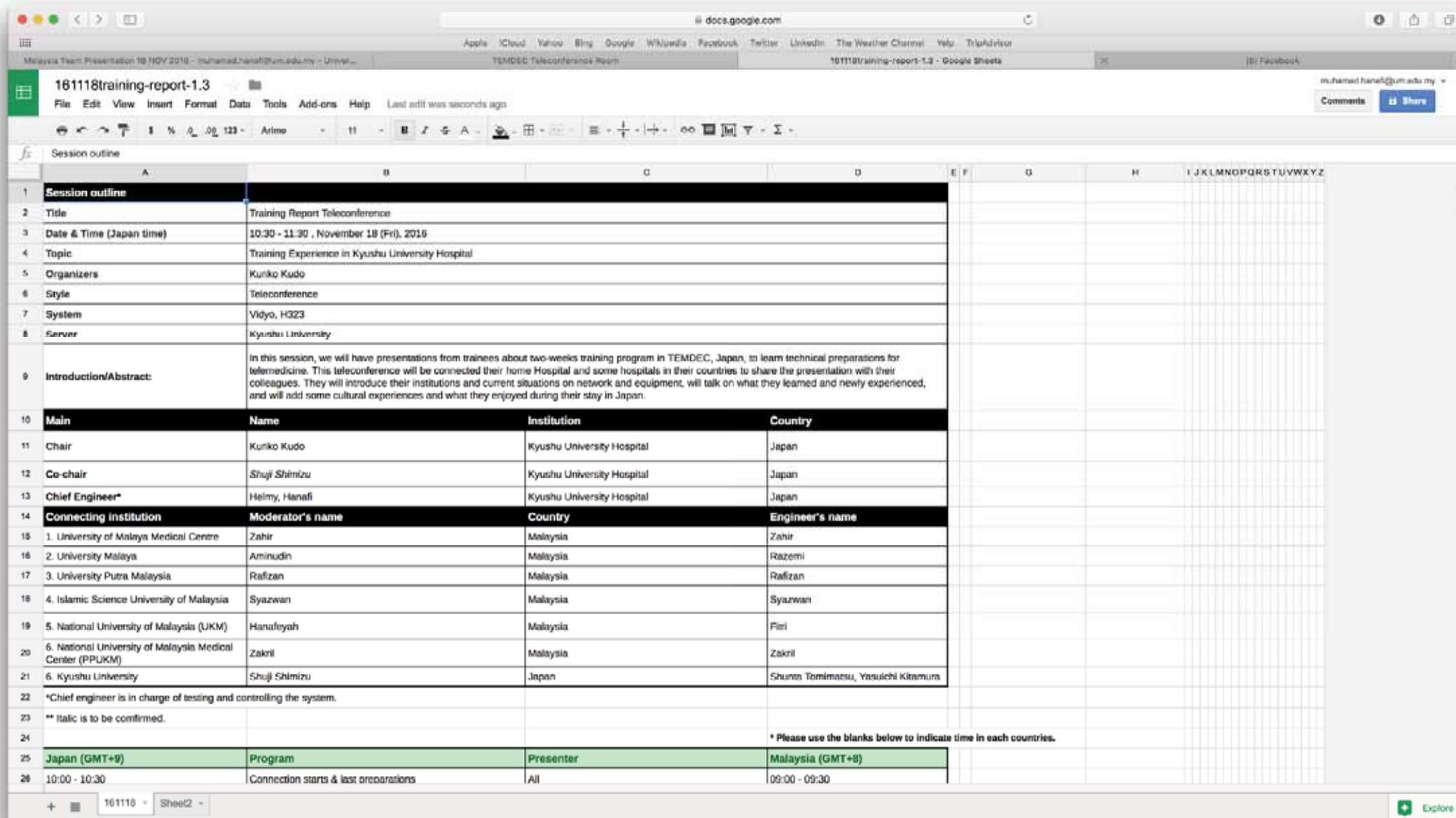
Clinica Alemana

HC-FM

**MANUAL WAY TO COMMUNICATE!!**



# PREPARATION! LOTS OF PREPARATION, FROM ORGANIZING, DOCUMENTING, TESTING AND TROUBLESHOOTINGS.



161118training-report-1.3

File Edit View Insert Format Data Tools Add-ons Help Last edit was seconds ago

Session outline

1	Session outline			
2	Title	Training Report Teleconference		
3	Date & Time (Japan time)	10:30 - 11:30 , November 18 (Fri), 2016		
4	Topic	Training Experience in Kyushu University Hospital		
5	Organizers	Kuniko Kudo		
6	Style	Teleconference		
7	System	Video, H323		
8	Server	Kyushu University		
9	Introduction/Abstract:	In this session, we will have presentations from trainees about two-weeks training program in TEMDEC, Japan, to learn technical preparations for telemedicine. This teleconference will be connected their home Hospital and some hospitals in their countries to share the presentation with their colleagues. They will introduce their institutions and current situations on network and equipment, will talk on what they learned and newly experienced, and will add some cultural experiences and what they enjoyed during their stay in Japan.		
10	<b>Main</b>	<b>Name</b>	<b>Institution</b>	<b>Country</b>
11	Chair	Kuniko Kudo	Kyushu University Hospital	Japan
12	Co-chair	Shuji Shimizu	Kyushu University Hospital	Japan
13	Chief Engineer*	Helmy, Hanafi	Kyushu University Hospital	Japan
14	<b>Connecting institution</b>	<b>Moderator's name</b>	<b>Country</b>	<b>Engineer's name</b>
15	1. University of Malaya Medical Centre	Zahir	Malaysia	Zahir
16	2. University Malaya	Aminudin	Malaysia	Razemi
17	3. University Putra Malaysia	Rafizan	Malaysia	Rafizan
18	4. Islamic Science University of Malaysia	Syazwan	Malaysia	Syazwan
19	5. National University of Malaysia (UKM)	Hanafeyah	Malaysia	Firi
20	6. National University of Malaysia Medical Center (PPUKM)	Zakri	Malaysia	Zakri
21	6. Kyushu University	Shuji Shimizu	Japan	Shunta Tomimatsu, Yasuichi Kitamura
22	*Chief engineer is in charge of testing and controlling the system.			
23	** Italic is to be confirmed.			
24	* Please use the blanks below to indicate time in each countries.			
25	<b>Japan (GMT+9)</b>	<b>Program</b>	<b>Presenter</b>	<b>Malaysia (GMT+8)</b>
26	10:00 - 10:30	Connection starts & last preparations	All	09:00 - 09:30

161118 - Sheet2

主として使用しているテレビ会議システム

DVTS

Video Conferencing System

高画質・高解像度・高フレームレートの映像を伝送し、リアルタイムで音声・映像を伝送するシステムです。

Video

国際的な遠隔医療活動

ライブ手術

手術室のリアルタイム映像

手術室のリアルタイム映像

手術室のリアルタイム映像

活動を支える学術ネットワーク

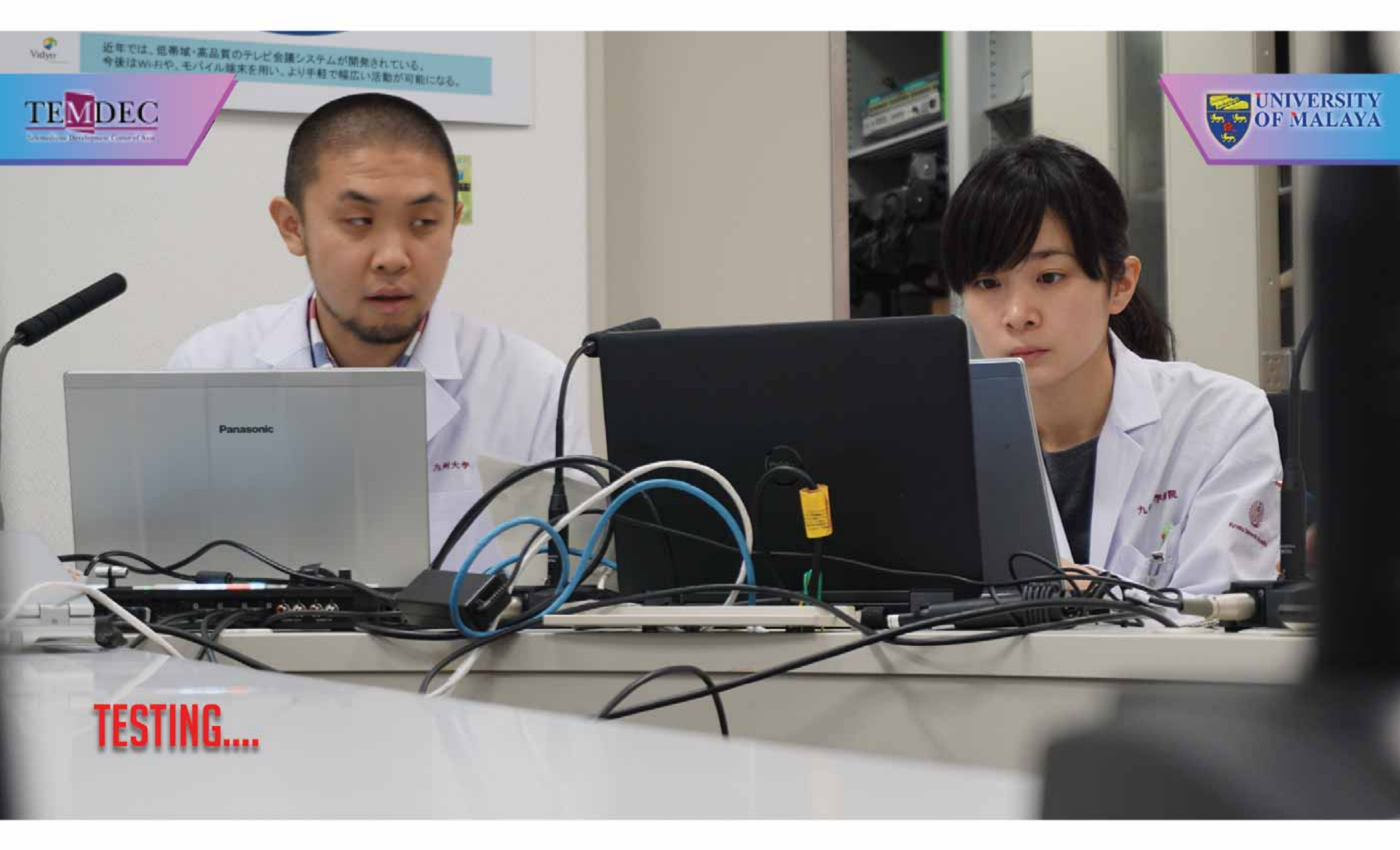
日本国内：文科省SINET

国際連携 Asia-Pacific Advanced Network

高画質・高解像度・高フレームレートの映像を伝送し、リアルタイムで音声・映像を伝送するシステムです。

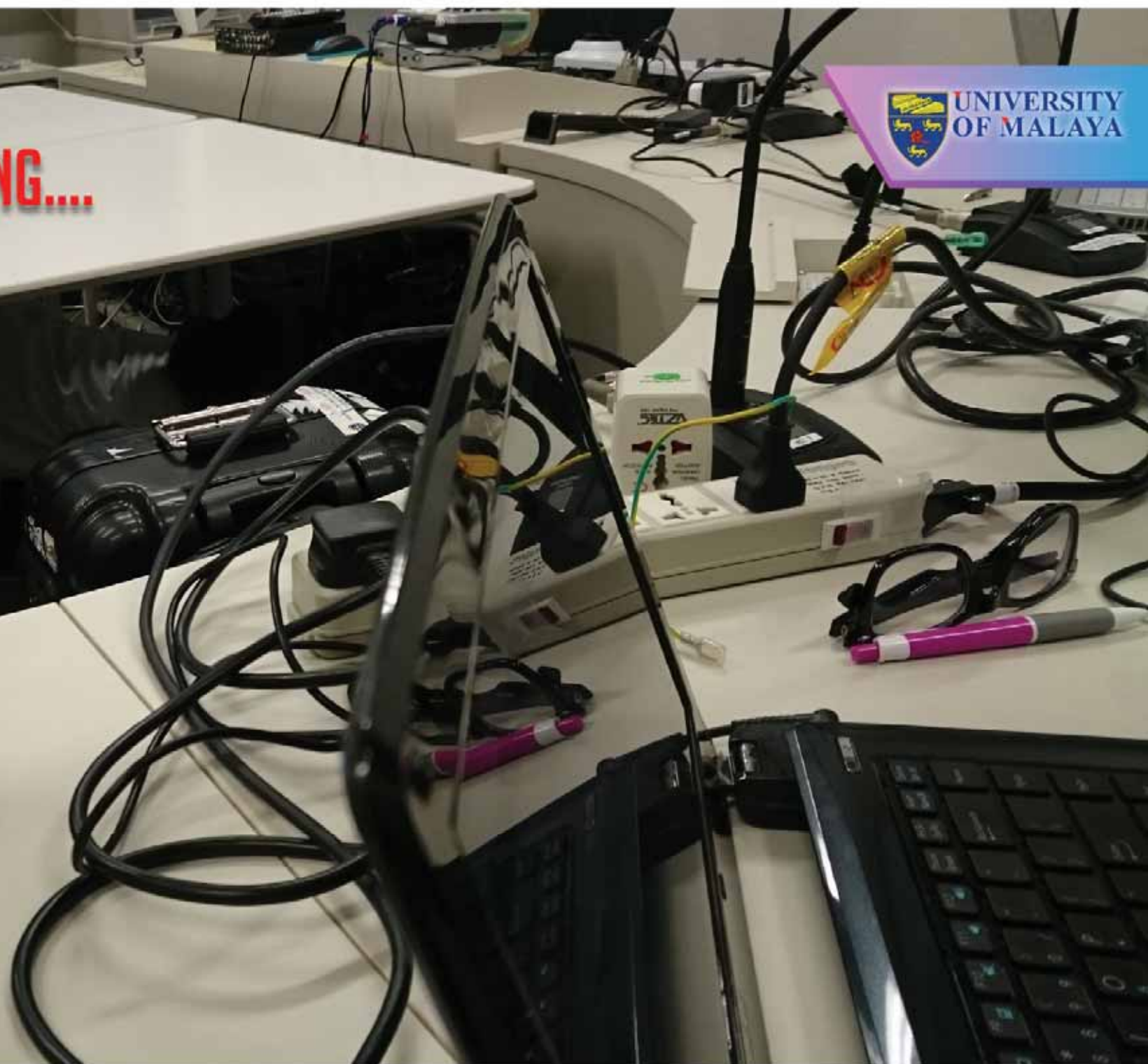


TEST..



**TESTING....**

**MODIFYING....**





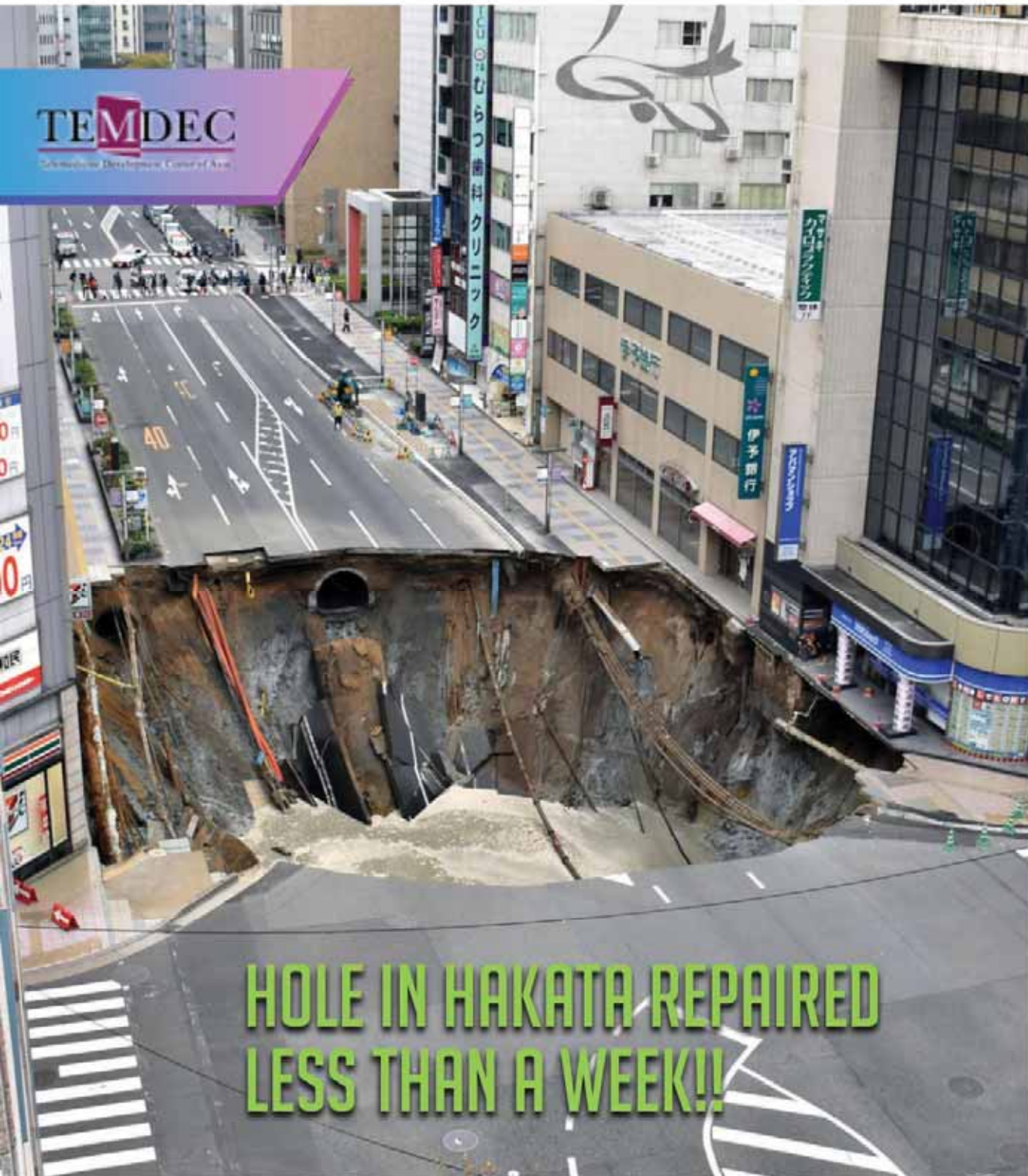
**TEAMWORK.. HIHI...**

**AT THE END OF THE DAY.....**

*Kappa Head? Daiso*

**WE LEARN A LOT OF THINGS**

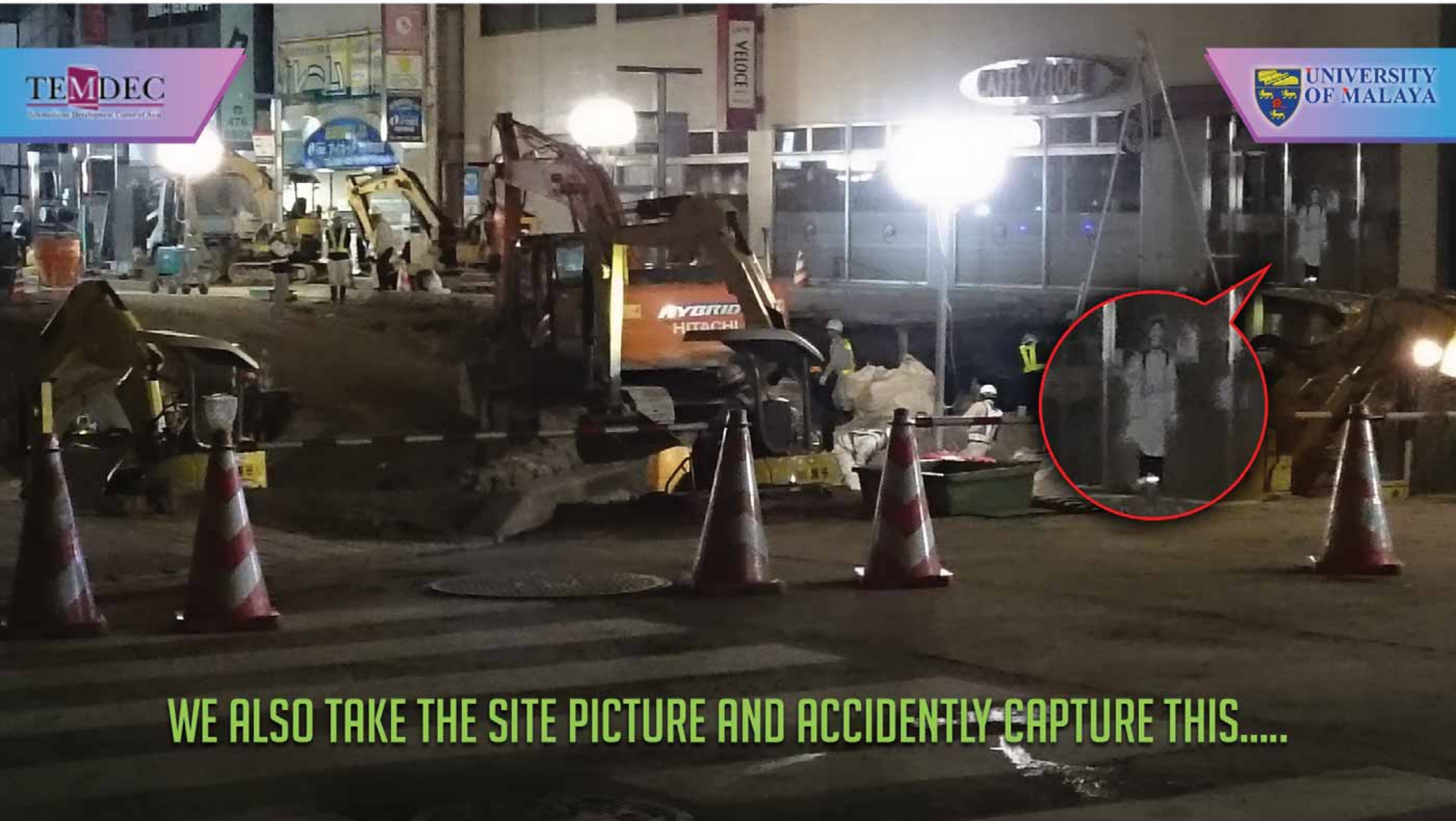
*Selfie at 7E, Ijiri*



**HOLE IN HAKATA REPAIRED  
LESS THAN A WEEK!!**







**WE ALSO TAKE THE SITE PICTURE AND ACCIDENTLY CAPTURE THIS.....**



**ACTUALLY HE IS ONLY A GLASS STICKER!!**



**BRIDGE COLLAPSE AT PUTRAJAYA TOOK 3 YEARS TO REPAIR!!**

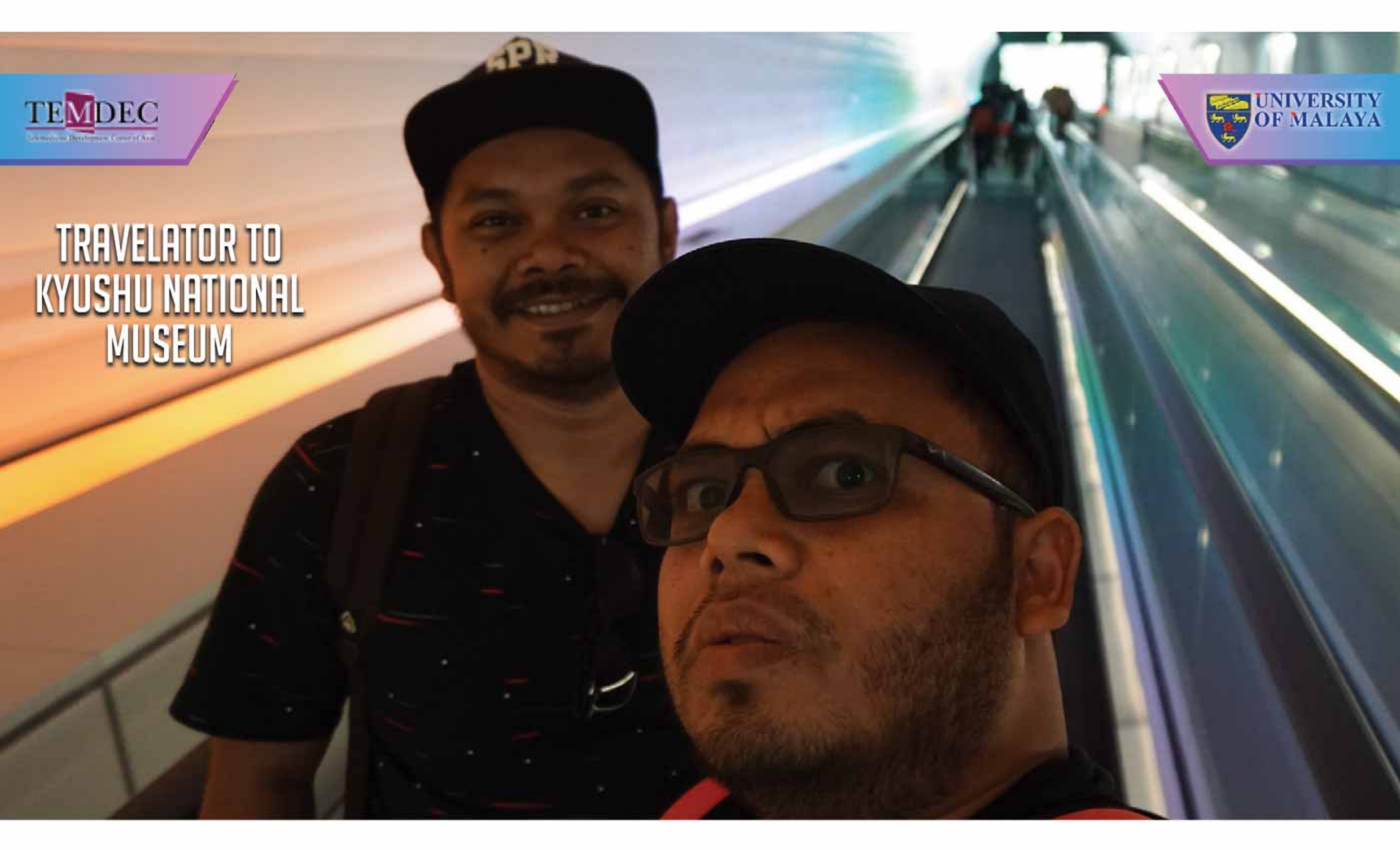
# DAZAIFU SHRINE



# FUKUOKA AN-NOUR MOSQUE



**TRAVELATOR TO  
KYUSHU NATIONAL  
MUSEUM**



**AUTUMN IN MY HEART**



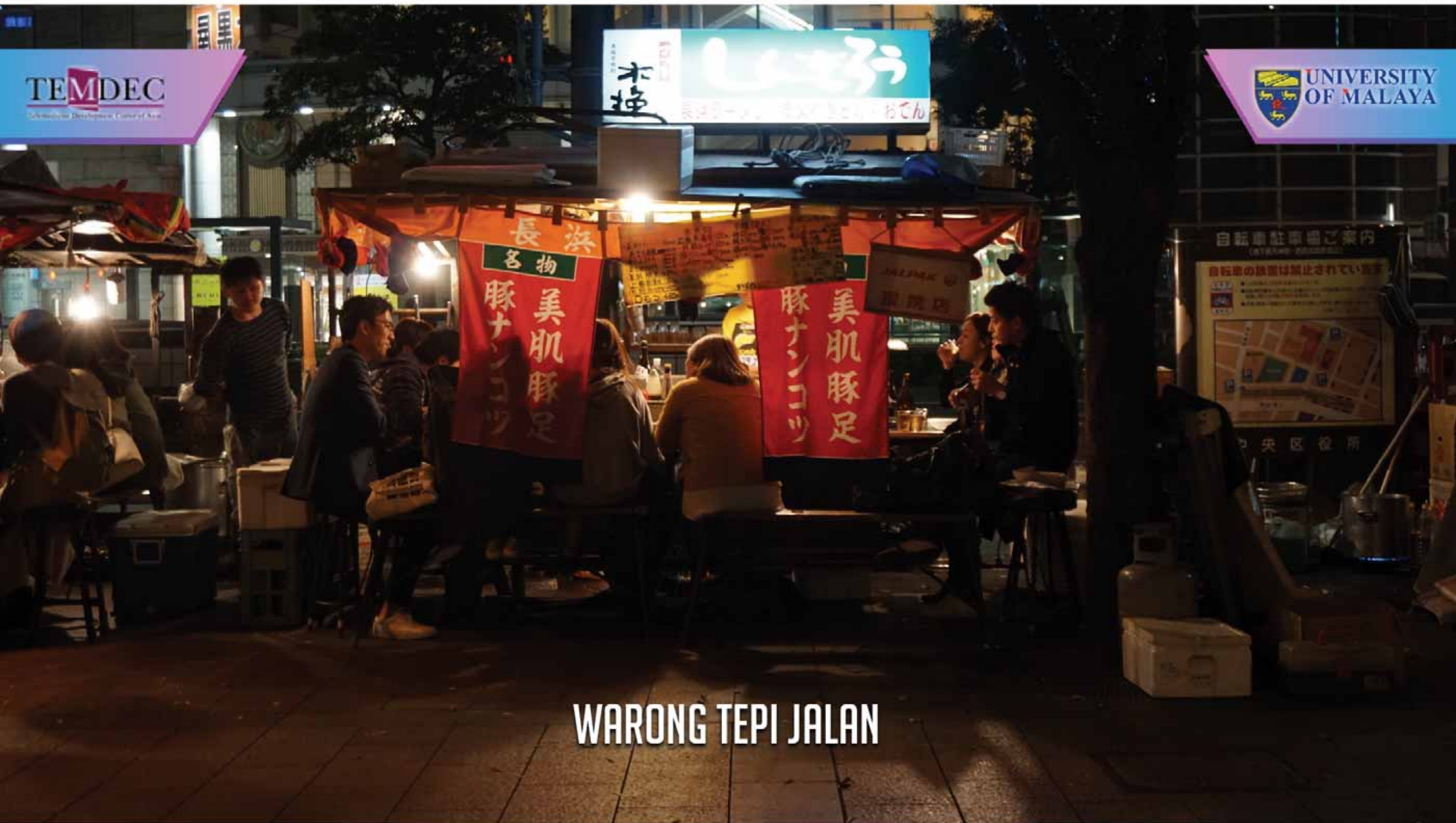
**SUPERMOON IN FUKUOKA**





**REALITY!**

WARONG TEPI JALAN



SHOEI Personal Fitting System



SHOEI J-FORCE IV  
MODERNO TC-101  
販売価格 ¥46,800

SHOEI J-FORCE IV  
MODERNO TC-101  
販売価格 ¥46,800



SHOEI J-Cruise  
PASSE TC-11022F/Level3  
販売価格 ¥45,900



SHOEI J-Cruise  
CLEAVE TC-6 (ホワイト/グレー)  
販売価格 ¥45,900

試着用フェイスカバー  
をご用意しました。  
ぜひご利用ください。

NAK BELI TAK MAMPU

NAPS motorcycle part shop

**THANK YOU FOR YOUR ATTENTION!!**

