

Taklimat

Program Sijil Eksekutif Pendidikan Tinggi 2018

CICT

Pusat Teknologi Maklumat dan Komunikasi

Taklimat

Program Sijil Eksekutif Pendidikan Tinggi 2018

CICT

- 1 Pengenalan Organisasi
- 2 Pengurusan ICT
- 3 Keselamatan ICT
- 4 Pengurusan Pelanggan
- 5 Pencapaian & Perkhidmatan Masa Depan

Pusat Teknologi Maklumat dan Komunikasi

Creative ● Innovative ● Cohesive ● Technopreneur

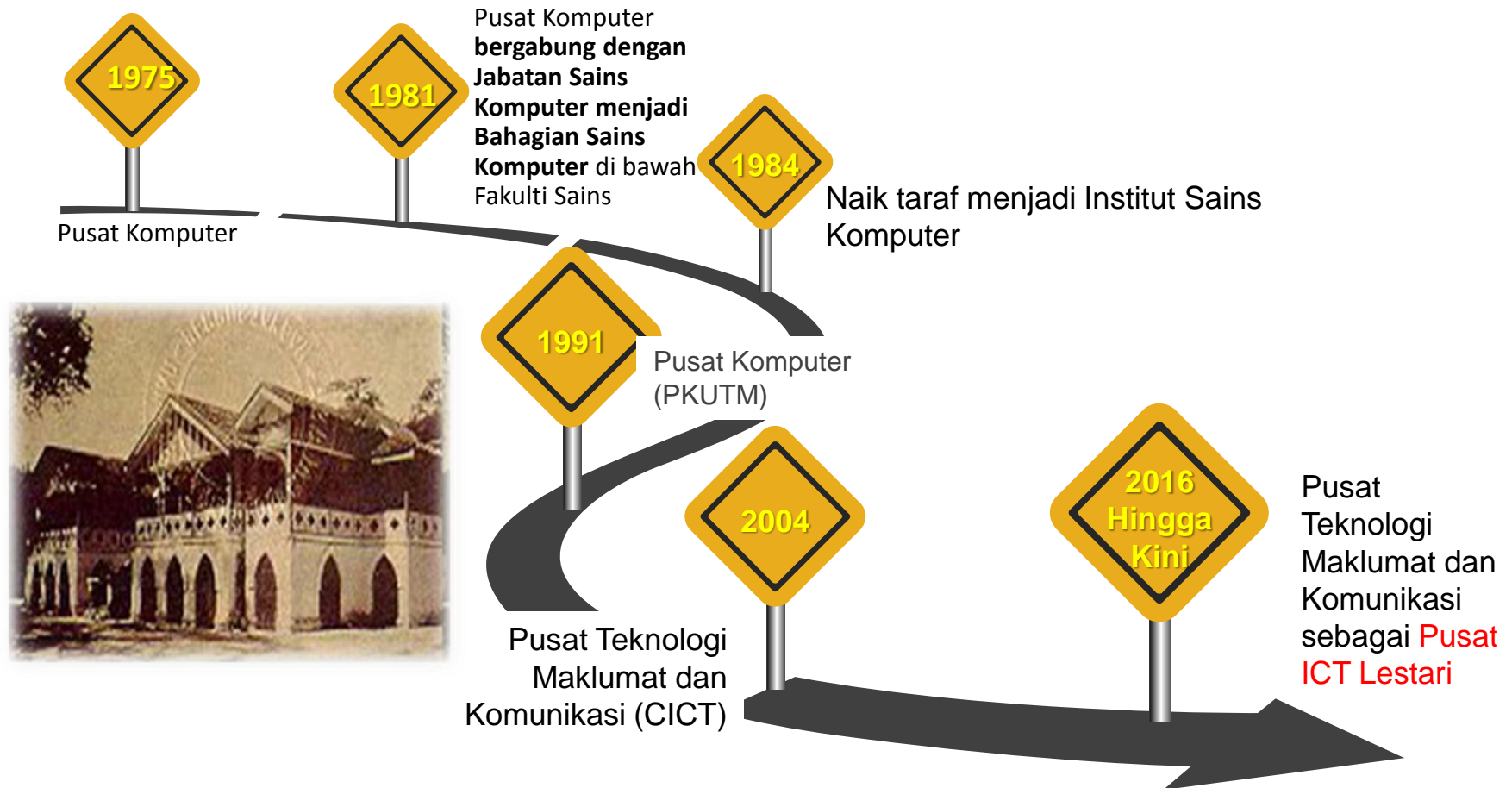
1

Program Sijil Eksekutif Pendidikan Tinggi

Pengenalan Organisasi

Pusat Teknologi Maklumat & Komunikasi





- **Proses GAJI KAKITANGAN**
- **Gunakan sistem kerangka utama IBM 390**
- **Tambahan SISTEM MAKLUMAT KAKITANGAN**
- **Tingkatkan Sistem kerangka utama kepada IBM 4341 - menampung keperluan semasa serta menggunakan Sistem Operasi VM/SP 5**
- **Tambahan SISTEM KEWANGAN**
- **Bantu agensi luar, proses:**
 - **Maklumat peperiksaan STP dan SPM**
 - **PENGAMBILAN GURU**



Perkhidmatan Awal (1985 – 1995)

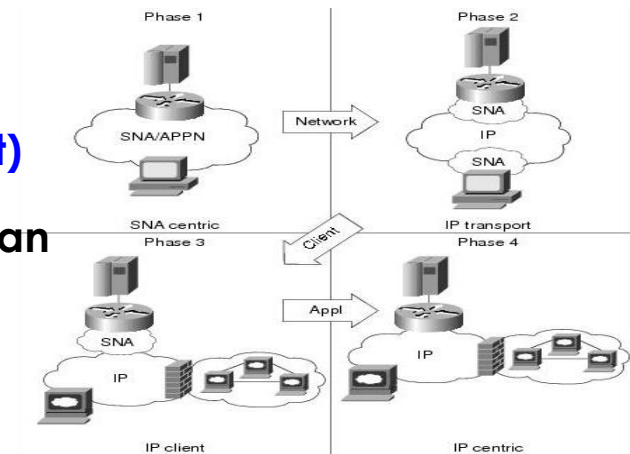
- 1988 - Pusat Komputer di Kampus Johor Bahru, ditempatkan sementara di Fakulti Alam Bina
- 1990 - Sistem kerangka Utama ditingkatkan dengan penggunaan IBM 3090-12J

Pertambahan sistem:

- Sistem maklumat pelajar
- Sistem kewangan pelajar
- Sistem peperiksaan pelajar
- Sistem jadual waktu

- 1992 – Tingkatkan keupayaan sistem rangkaian komputer (Penggunaan E-Mel melalui Jaringan BITNET, sistem otomasi pejabat PROFS dan Internet)

- 1995 - Jaringan rangkaian komputer utama disambungkan melalui Rangkaian System Network Architecture (SNA) IBM dan Ethernet dan Token Ring



2004 - 2017

VISI

Menjadikan Pusat Teknologi Maklumat & Komunikasi (CICT) sebagai nadi perkhidmatan ICT yang berkualiti dan inovatif ke arah merealisasikan aspirasi Universiti Teknologi Malaysia.

MISI

Komited untuk menyediakan perkhidmatan untuk memenuhi keperluan ICT universiti melalui aktiviti pengkomputeran pentadbiran dan akademik, penyediaan infrastruktur ICT dan latihan, penyelidikan serta perundingan berasaskan perkhidmatan yang berkualiti.

2018

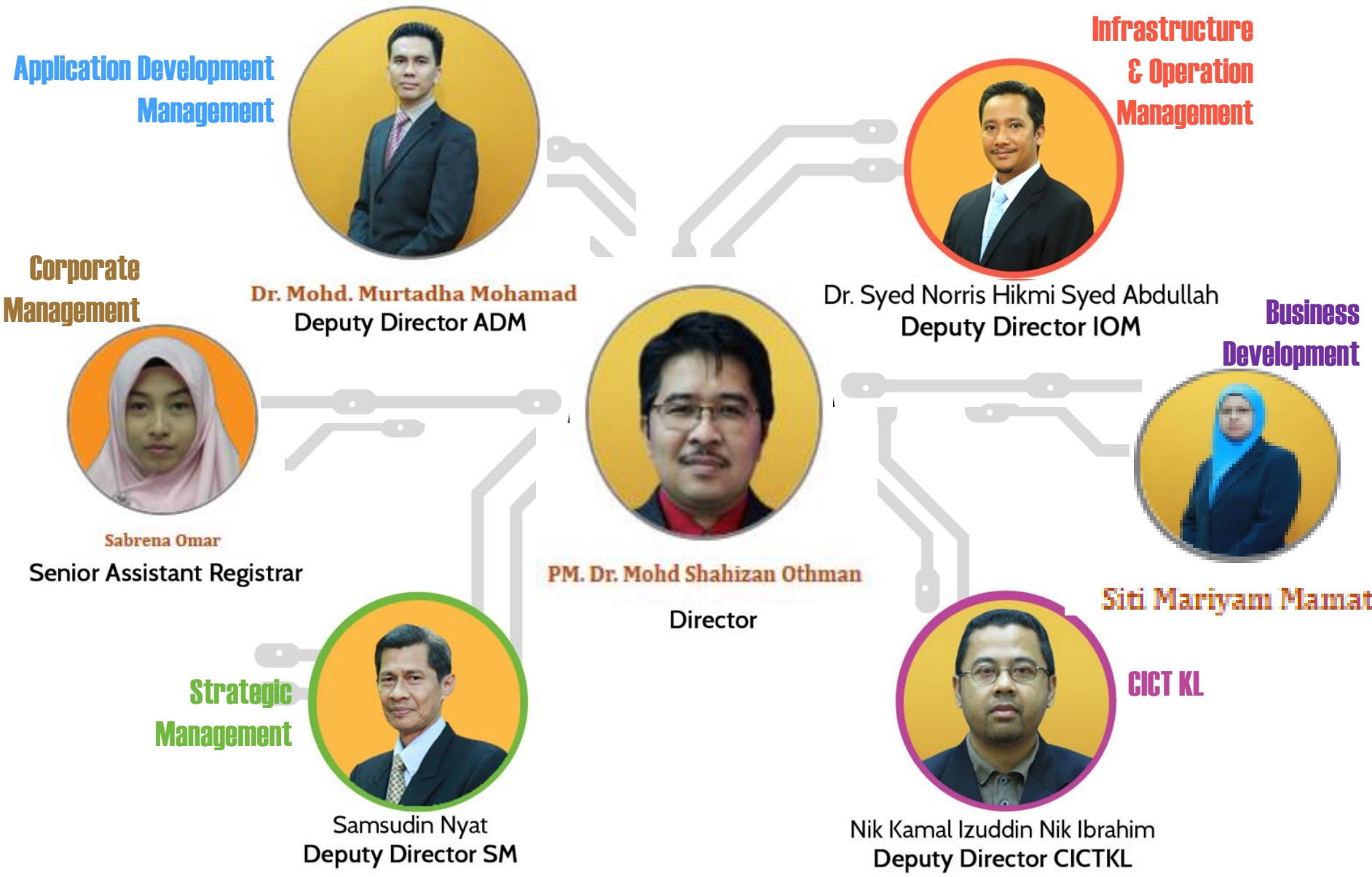
VISI

Visi kami untuk UTM menjadi “Universiti Digital peneraju penyampaian perkhidmatan berpaksikan akademia”

MISI

Meneraju pembangunan ekosistem digital bersifat entrepreneurial dengan memupuk profesional digital berinovasi dan menggalakkan kerjasama dalam perkhidmatan digital





Timbalan Pengarah

(DS 54)

PENGURUSAN & PEMBANGUNAN APLIKASI (ADM)

- Pembangunan Aplikasi
 - UTMHR
 - UTMFin
 - UTMAcad
 - Aplikasi Sokongan
- Pembangunan Multimedia & Web
- Pembangunan Mobile Apps
- Pengurusan Data & BI

Timbalan Pengarah

(DS 52)

INFRASTRUKTUR & PENGURUSAN OPERASI (IOM)

- Pusat Data
- Keselamatan ICT
- Infrastruktur
- UTM Hosting
- UTM-Ads
- High Performance Computing
- Video Conferencing & Streaming
- Pengurusan Pelanggan
- UTM Cert

Timbalan Pengarah

(FA54)

PEJABAT PENGURUSAN STRATEGIK (SMO)

- Pemusatan F
- Pengurusan Staf Attachment & Ambassador
- Pelaporan dan Perancangan Strategik
- Pengurusan Kualiti dan Penjenamaan CICT
- Pengurusan Latihan & Kompetensi Staf

Ketua Bahagian

(FA52)

PEJABAT PEMBANGUNAN BISNES (BDO)

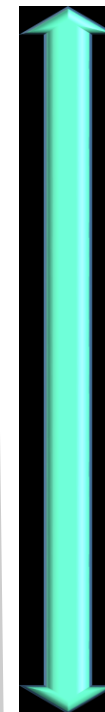
- Pengurusan Penjanaan Bisnes CICT
- Pengurusan Peluang Bisnes
- Membangun Model Bisnes

Ketua Unit

(FA48)

UNIT PENGURUSAN PROJEK

- Pengurusan Projek ICT



(FA52)
CICIT KL

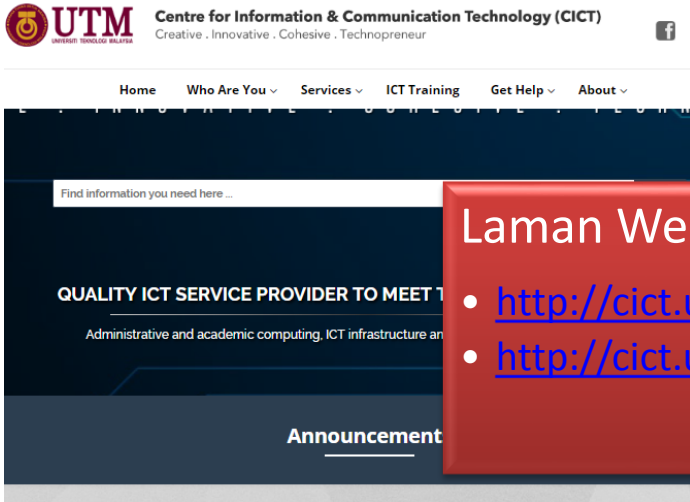
(NA44)
Pengurusan Korporat

Pegawai IT (F29/F32/F38/F41/F44/F48)

Juruteknik (FT17/FT19/FT22/FT26)

STAF SKIM F

	JB	KL	PTJ-JB	PTJ-KL
Pengurusan Tertinggi (Gred 54)	1	-	-	-
Pengurusan & Profesional (Gred 41-52)	42	4	11	-
Pelaksana (Gred 17-38)	56	14	52	5
JUMLAH	99	18	63	5
			185	



Laman Web CICT

- <http://cict.utm.my>
- <http://cict.utm.my/kl>

Telegram

- ICT News



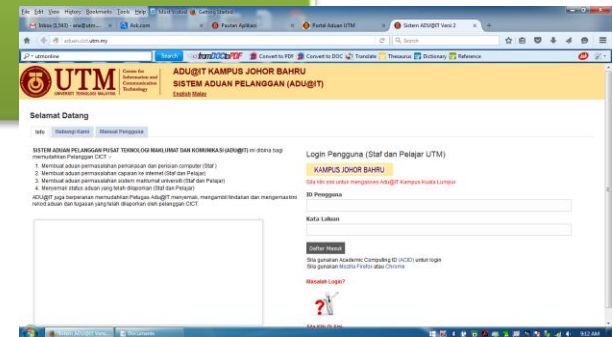
Facebook rasmi CICT

- Pusat Teknologi Maklumat dan Komunikasi UTM



Aduan

- Sistem ADU@IT



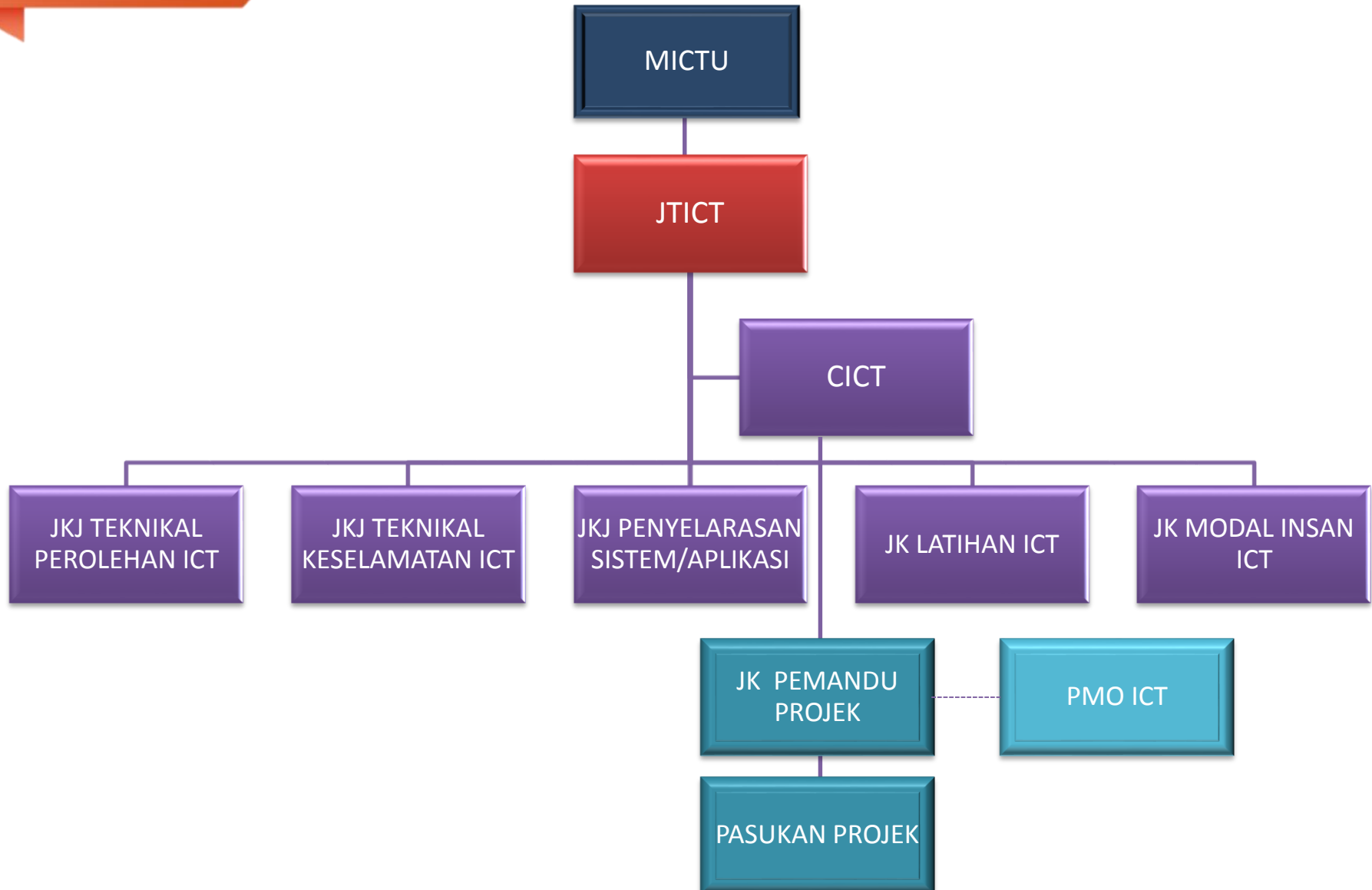
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Program Sijil Eksekutif Pendidikan Tinggi

Pengurusan ICT

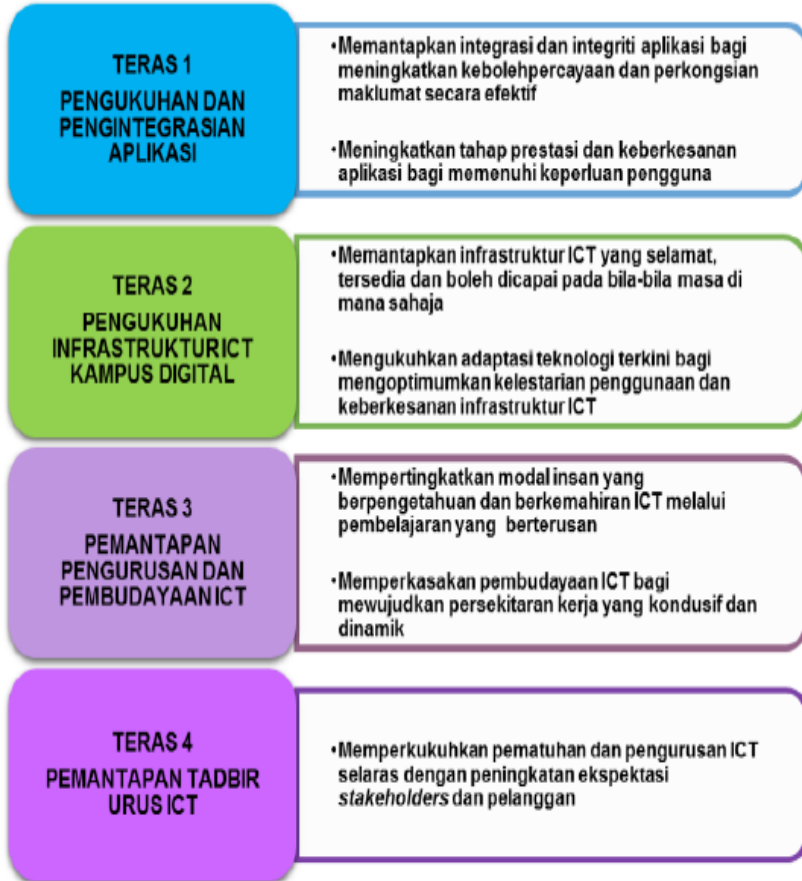
Pusat Teknologi Maklumat & Komunikasi





Perancangan Strategik Organisasi dan Penjajaran dengan Perancangan Strategik Universiti

Pelan Perancangan Strategik ICT 2014-2018



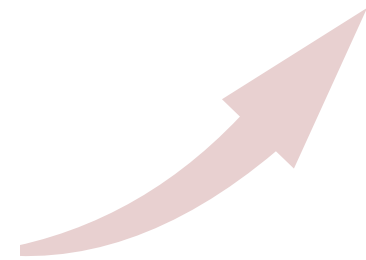
Pelan Pembangunan Pendidikan Malaysia (Pendidikan Tinggi)



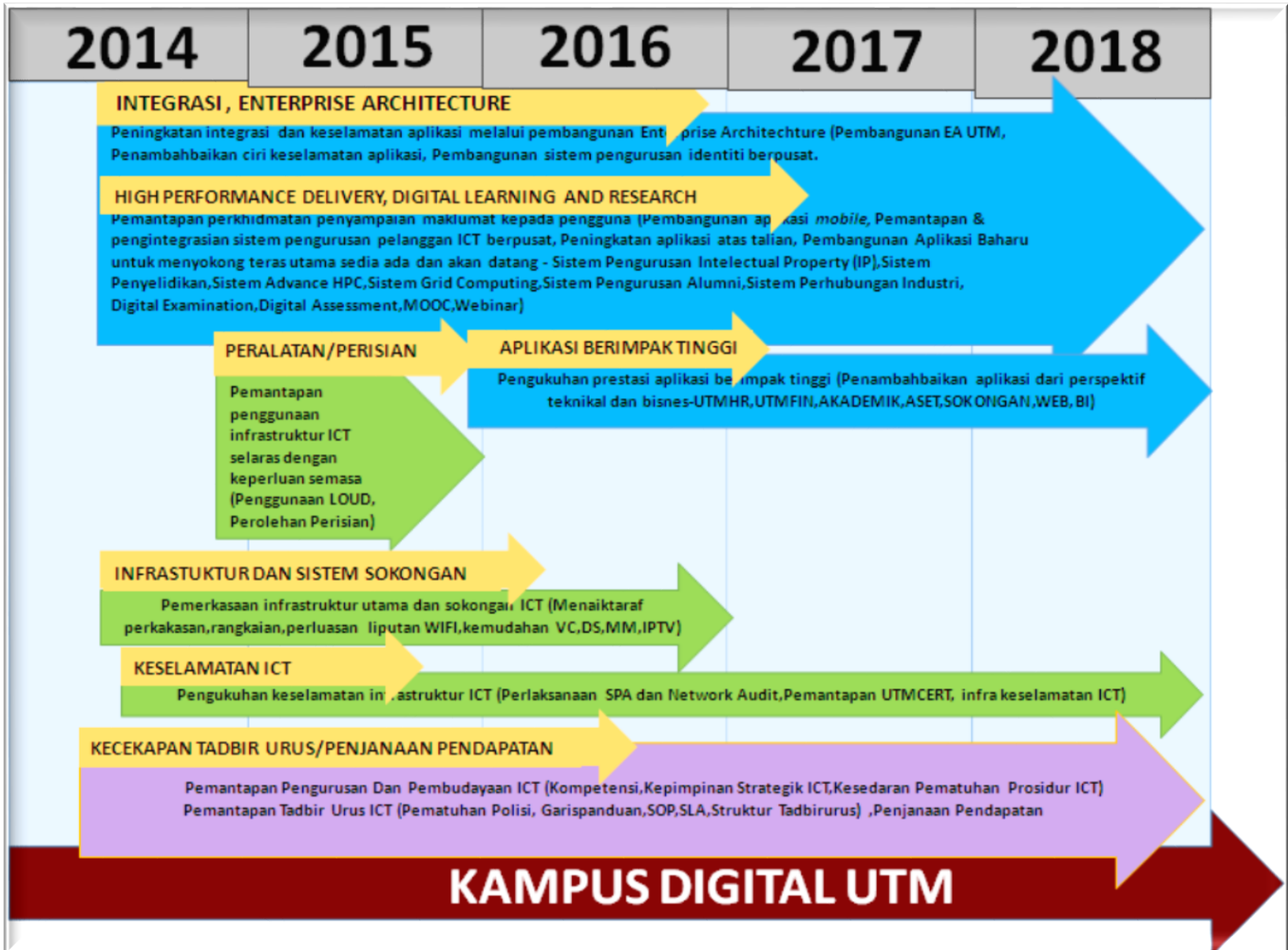
Pelan Global UTM 2012-2020



KFA 3 Infrastructure, Information and Communications Technology (ICT) System



Rajah 4-4: Teras Strategik ICT UTM dan Objektif



Current Desired State (PGU II) - ICT

Student enrolment:
27,000

UG-PG ratio:
40:60

Financial sustainability:
70:30
(Govt: Non Govt)

Academic staff with PhD by 2020:
85%

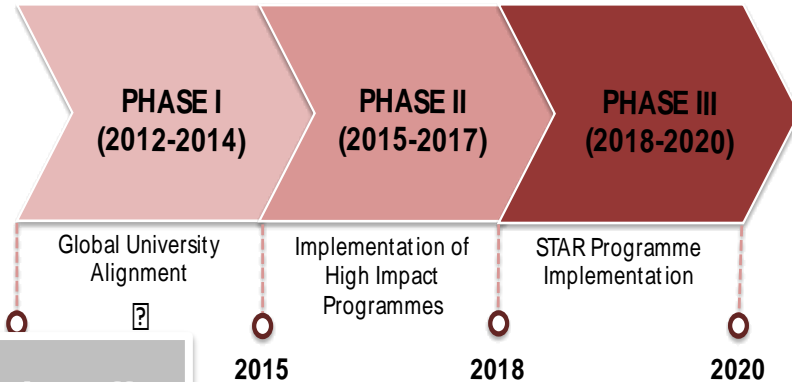
Rating:
Tier 6
(SETARA)

QS World Univ Rankings:
Top 50
(engineering and technology)

Research University:
Maintain status

- Sustainable Campus, Infrastructure, Information and Communications Technology (ICT) System, and Community Engagement & Industrial Network.
- Total Campus Experience
- High Performance Delivery
- Financial Sustainability

UTM Global Plan (2012-2020)



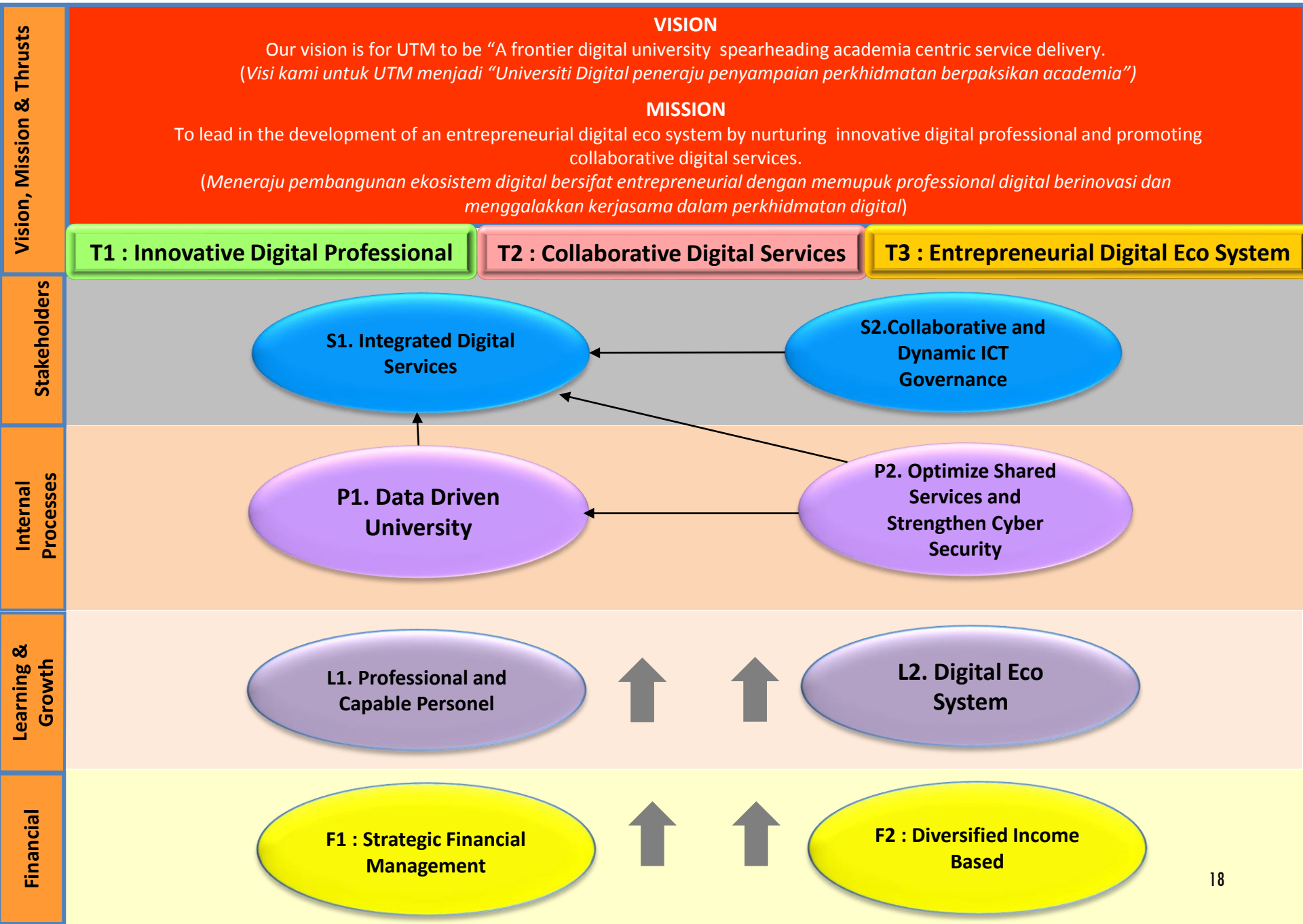
Seven KFAs:

- Excellence in Learning & Teaching
- Excellence in Research, Innovation and Commercialisation
- Sustainable Campus, Infrastructure, Information and Communications Technology (ICT) System, and Community Engagement & Industrial Network.
- Total Campus Experience
- High Performance Delivery
- Financial Sustainability
- Global Reputation

innovative • entrepreneurial • global

UTM – CICT Strategy Map 2018

Tarikh kemaskini: 3 Jan 2018

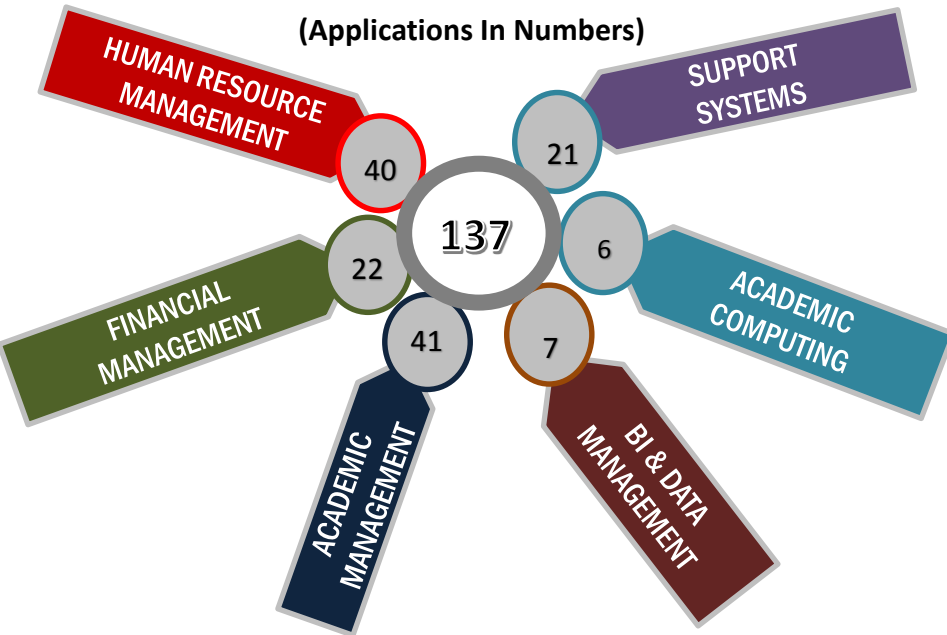


INFORMATION & COMMUNICATION TECHNOLOGY (ICT) SYSTEM → DAN UTM DIGITAL INFRASTRUCTURE

- Sustainable Campus, Infrastructure, Information and Communications Technology (ICT) System, and Community Engagement & Industrial Network.
- Total Campus Experience
- High Performance Delivery
- Financial Sustainability

INFORMATION & COMMUNICATION TECHNOLOGY (ICT) SYSTEM

(Applications In Numbers)



UTM DIGITAL INFRASTRUCTURE

Service Category	2017	2020
Wifi Collage Services		
• Access Points covering all Collages	2,000	2,000
• Access Points for Hotspot in Admin Building	350	500
Internet Gateway		
• UTMJB-Internet-TM	2 GB	2 GB
• Collage - Internet - YTL	1.5 GB	
• UTMKL - Internet - TM	1 GB	1 GB
• UTMJB-UTMKL - TM	100 Mbps	100 Mbps
• UTMJB - MyREN	50 Mbps	10 GB
Server & Storage		
• Server Virtualization	300 units	1000 units
• Main & DRC Storage	115 TB	150 TB
• HPC CPU Core	208 Core	500 Core

COMMUNITY ENGAGEMENT & INDUSTRIAL NETWORKING

Community Engagement



Program CSR 2016 Bersama Sekolah Tun Fatimah (STF) Johor Bahru



CSR UTMKL 2016 BERSAMA SMK SERI KERAMAT KUALA LUMPUR



Tajaan Bubur Lambuk Bulan Ramadhan



Free Market



Food For Free (Siri 1: 500 bungku Siri 2: 1200 bungku)

Sumbangan RM 15,000.00 untuk UTM Royal Gala Dinner

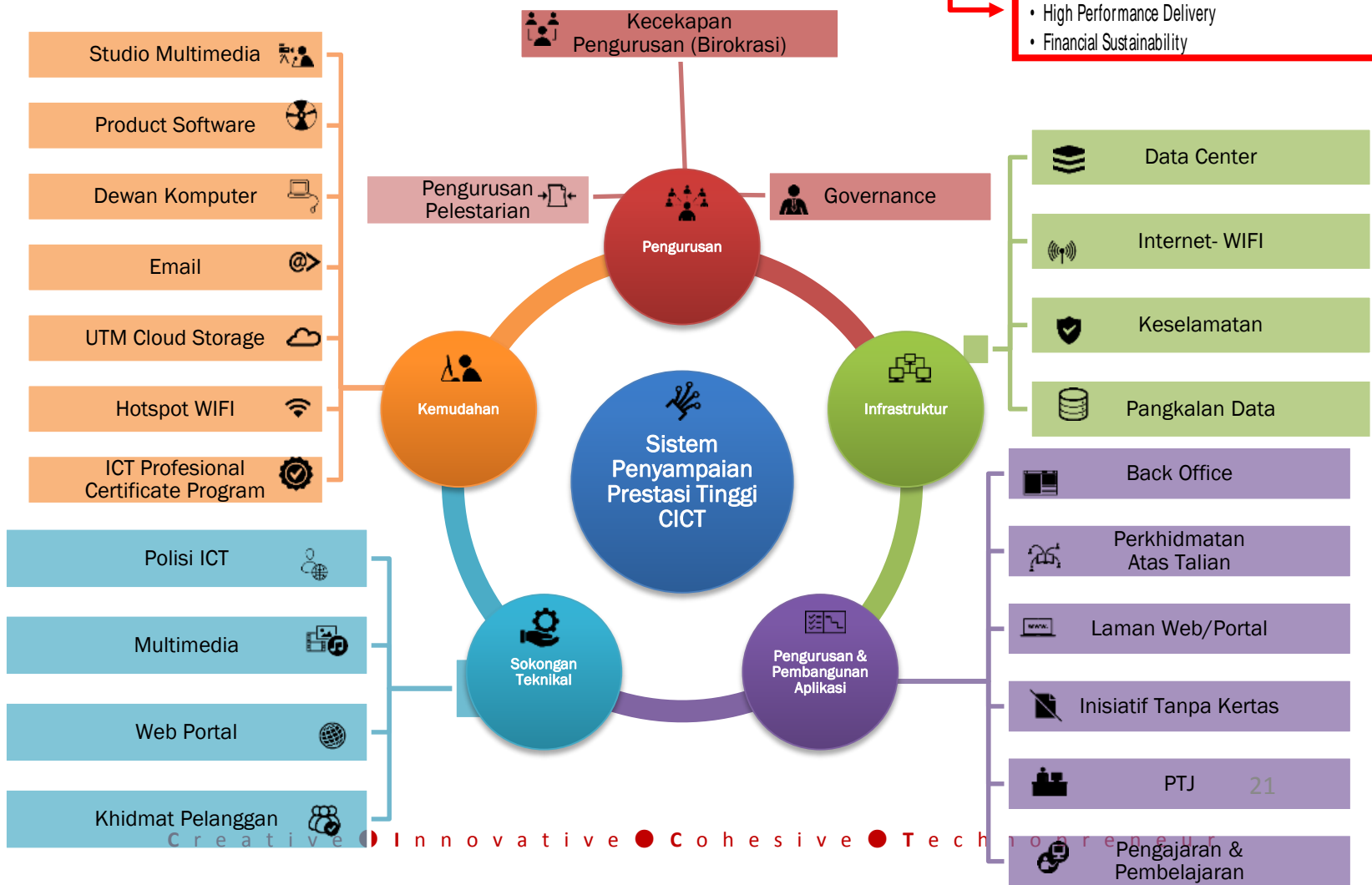
- Sustainable Campus, Infrastructure, Information and Communications Technology (ICT) System, and Community Engagement & Industrial Network.
- Total Campus Experience
- High Performance Delivery
- Financial Sustainability

Strategic Partner & Technology Provider

TM
 KEMENTERIAN PENDIDIKAN TINGGI
MDEC
CISCO
HUAWEI Driving Transform...
ORACLE
DELL
HUAWEI
YTL SINCE 1955
PRESTARIANG
RUCKUS Simply Better Wireless.
Microsoft
UJni Technologies A WHOLLY OWNED COMPANY OF UTM
 n n o v a t i v e • C o h e s i v e

HIGH PERFORMANCE DELIVERY

- Sustainable Campus, Infrastructure, Information and Communications Technology (ICT) System, and Community Engagement & Industrial Network.
- Total Campus Experience
- High Performance Delivery
- Financial Sustainability



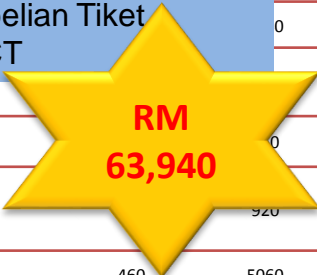
FINANCIAL SUSTAINABILITY

- Sustainable Campus, Infrastructure, Information and Communications Technology (ICT) System, and Community Engagement & Industrial Network.
- Total Campus Experience
- High Performance Delivery
- Financial Sustainability

KOS PENYEDIAAN VC BAGI PROGRAM CICT TAHUN 2017

PROGRAM/AKTIVITI	Kekerapan Mesyuarat CICTJB & CICTKL	Harga Tiket Flight/Tambang Gantian	Jumlah (Kekerapan X Harga Tiket 2 way)	Bil. Orang	Total
Perjumpaan staf bersama Pengarah	12	460	5520	2	11040
Mesyuarat Peringkat Bahagian/Unit CICT Bersama Staf Bahagian/Unit CICT	2	460	920	2	1840
Mesyuarat Jawatankuasa Pengurusan CICT	11	460	5060	2	10120
Mesyuarat Jawatankuasa CICT 2017			0	4	7360
Perjumpaan Pengarah staf Penolong Pegawai teknologi Maklumat	1			2	920
Perjumpaan bersama Pengarah bersama AJK BKCICT	1		0	1	460
Mesy. Pengarah dgn BDO & Liaison Officer setiap Bahagian CICT video conferencing bersama CICTKL	2		920	2	1840
Mesyuarat Jawatankuasa Pengurusan CICT	11	460	5060	2	10120
Mesyuarat Jawatankuasa Eksekutif CICT	4	460	1840	2	3680
Sesi Perjumpaan Pengurusan Bersama Staf	3	460	1380	2	2760
Mesyuarat Jawatankuasa Penilaian Teknikal Perolehan ICT Universiti (JATIT)	8	460	3680	2	7360
Mesyuarat Pembayaran Projek	7	460	3220	2	6440
Jumlah Keseluruhan	66		30360		63,940

Penjimatan Pembelian Tiket Kapalterbang CICT

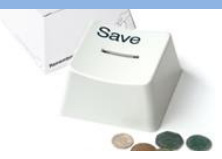


KOS PENYEDIAAN VC BAGI PROGRAM UNIVERSITI TAHUN 2017

Tempahan VC Bagi Program Universiti dan PTJ	Bil Tempahan	Harga Tiket Flight/Tambang Gantian	Anggaran Bil. Orang	Jumlah (RM)
Program Universiti dan PTJ	443	460	2	407,560.00

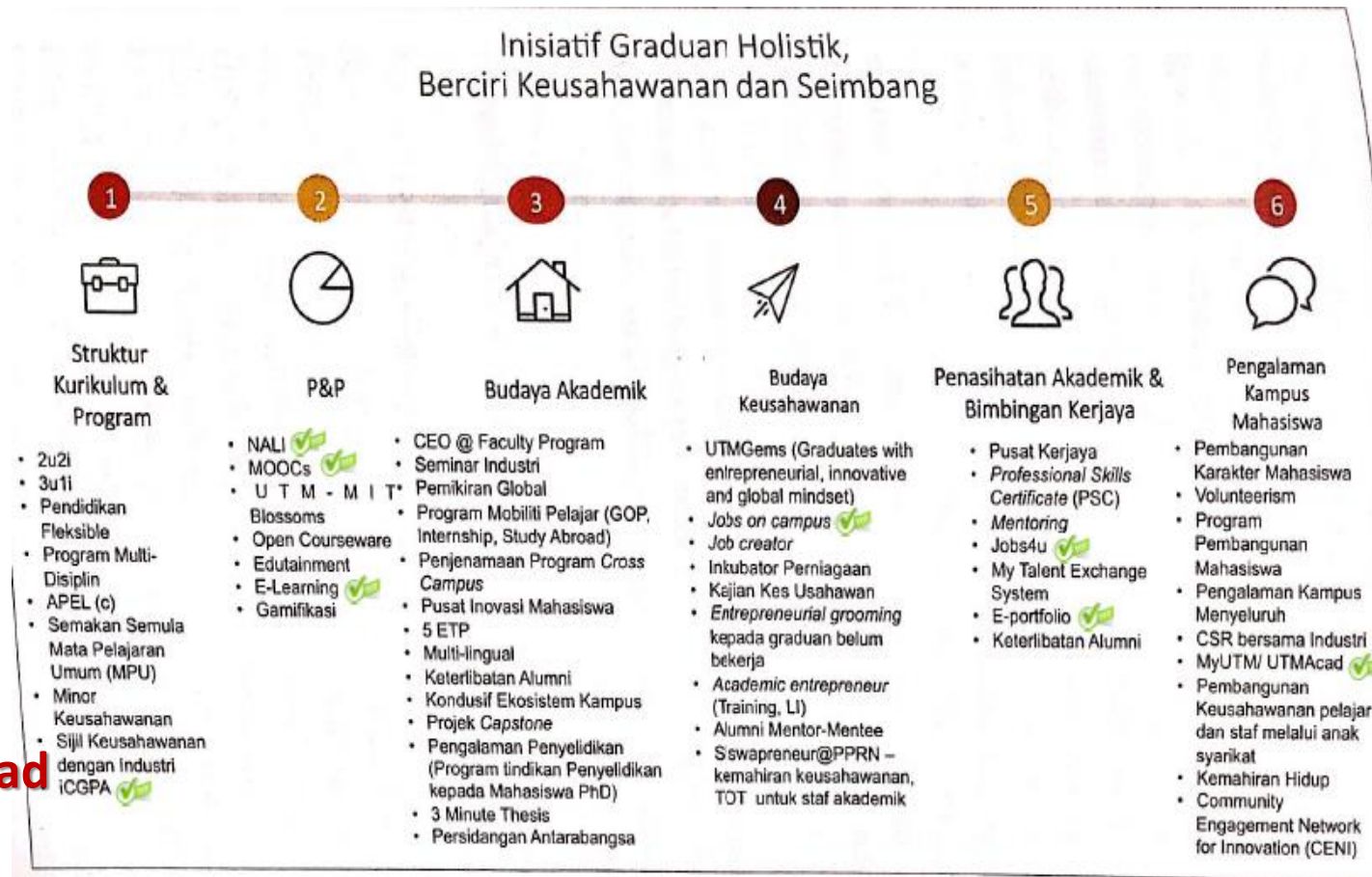


Perkhidmatan VC telah menjimatkan perbelanjaan perjalanan Universiti



Inisiatif Graduan Holistik

- iCGPA**
- eLearning**
- NALI**
- MOOCs**
- ePortfolio**
- Jobs On Campus**
- Jobs4U**
- MyUTM/UTMAcad**



Rajah 4.2 Inisiatif dalam menghasilkan graduan holistik, berciri keusahawanan dan seimbang

1. PERANCANGAN STRATEGIK

- Pelan Strategik ICT 2014 – 2018

Gred Jawatan : F44
 Nama Bahagian : PENGURUSAN STRATEGIK
 Nama Unit : Unit Strategik

2. PENJANAAN PENDAPATAN

A	KAI INDIVIDU (60%)	SASARAN BHG	SASARAN INDIVIDU	PENCAPAIAN INDIVIDU	% PENCAPAIAN INDIVIDU	% PENCAPAIAN SEBENAR
1	Bilangan aktiviti dalam hubungan strategik dengan rakan industri dan komuni	2	1	100.00%	100	93.3
2	Peratus (%) indek kepuasan pelanggan (PTJ) terhadap staf attachment dan	90	100	90.00%	95	
3	Bilangan Polisi dan SOP yang dibangunkan	15	13	90.00%	100	
B	Penjanaan Pendapatan (20%)	SASARAN BAHAGIAN (500K)	SASARAN INDIVIDU (200K)	PENCAPAIAN INDIVIDU	% PENCAPAIAN INDIVIDU	% PENCAPAIAN SEBENAR
1	Projek Pembangunan Sistem Aduan Pejabat Harta Bina Ver 2.0		150	100	70	75
2	Pembangunan Sistem Thumb Print		50	40	80	

ICT

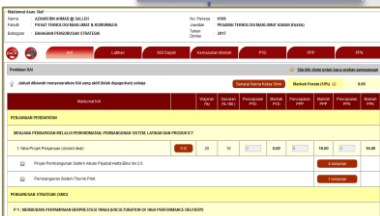
- Jawatankuasa Teknikal Projek ICT
- Report Card Individu

- Unit Customer Relationship Management (CRM)



Kad Laporan Individu

NO	INDIKATOR/STRATEGI	SASARAN BAHAGIAN	SASARAN INDIVIDU	PENCAPAIAN INDIVIDU	% PENCAPAIAN INDIVIDU	PENCAPAIAN SEBENAR
1	Bilangan aktiviti dalam hubungan strategik dengan rakan industri dan komuni	2	1	100.00%	100	93.3
2	Peratus (%) indek kepuasan pelanggan (PTJ) terhadap staf attachment dan	90	100	90.00%	95	
3	Bilangan Polisi dan SOP yang dibangunkan	15	13	90.00%	100	



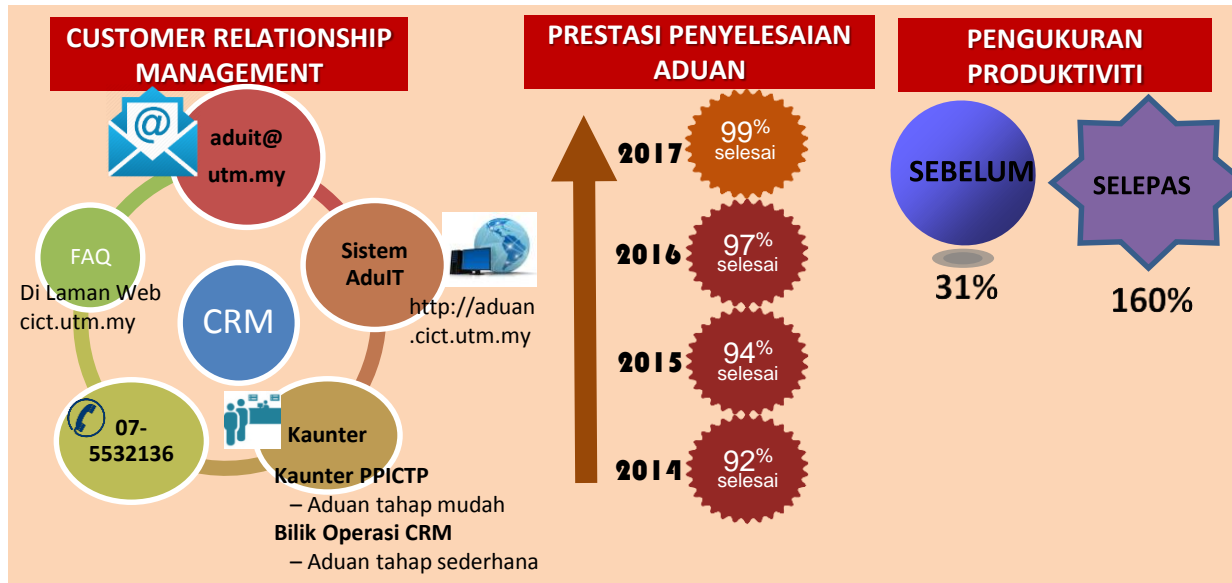
PROJECT MANAGEMENT OFFICE (PMO)



5. PEMBANGUNAN APLIKASI BERASASKAN IR4.0

APLIKASI	IMPAK
eCS v2	<ul style="list-style-type: none"> Kepuasan pelanggan meningkat Proses kerja lebih lancar Tempoh operasi dikurangkan 'Real Time' Process 'Tracking System' – staf & kerja
GuideMe@UTM	<ul style="list-style-type: none"> Semua maklumat berkaitan UTM boleh diakses bila-bila masa dan dimana-mana
Pay2UTM (FPX, Credit Card, E-Wallet)	<ul style="list-style-type: none"> Transaksi tanpa tunai Jaminan Keselamatan (Secured) 'easy reconciliation' Semua transaksi direkod
Portal Pelajar & Staf (MyUTM)	<ul style="list-style-type: none"> Kemudahan Capaian menggunakan 1 ID - UTMID (authentication) Kawalan aras capaian pengguna (peranan) – keselamatan data dan maklumat

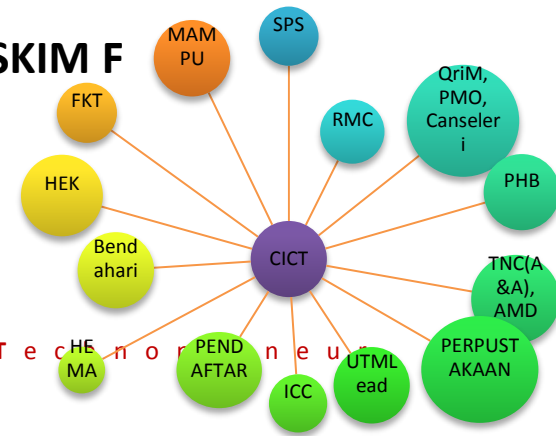
6. ONE STOP CENTER ADUAN DAN PERMOHONAN



7. PENGURUSAN PEMUSATAN SKIM F

Program

- Attachment, 2015
- Ambassador, 2015
- Sinergi, 2018



8. Program Wacana Ilmu



OBJEKTIF

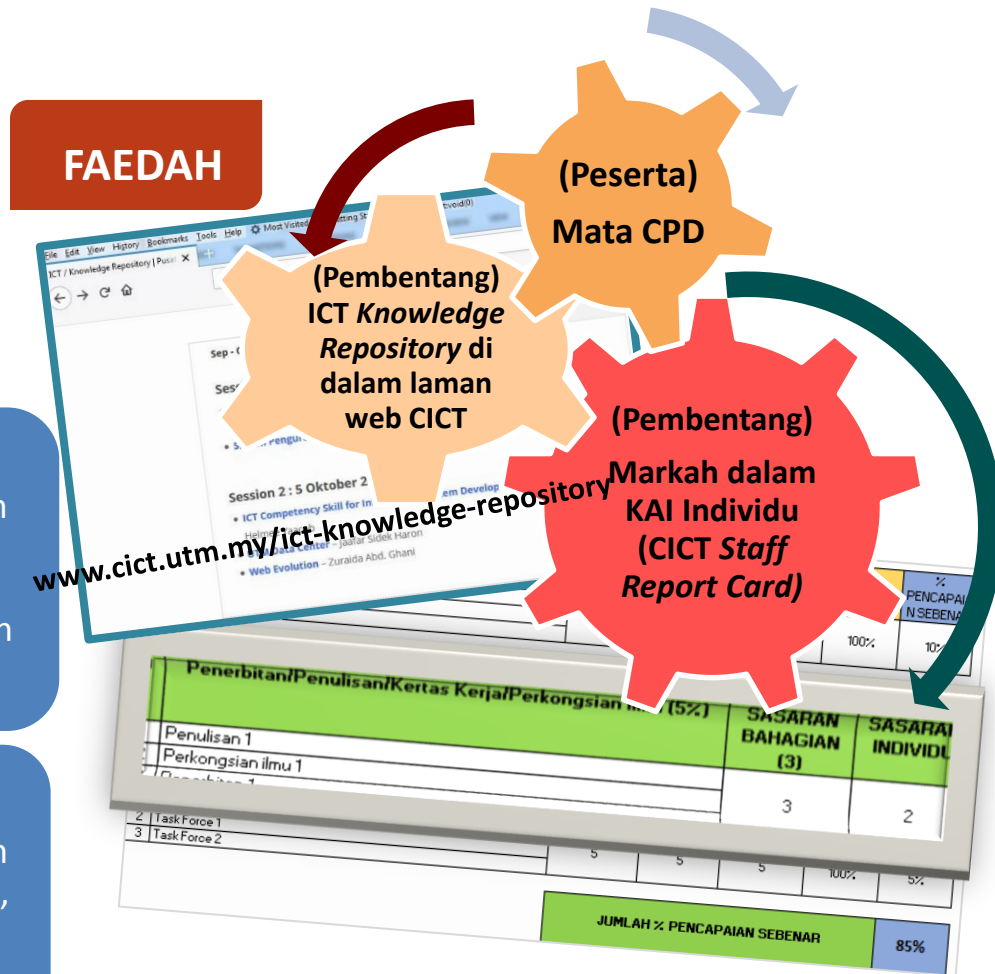
Membudayakan organisasi pembelajaran berterusan dan meningkatkan pengetahuan organisasi.

Menggalakkan warga organisasi, meningkatkan kemahiran individu dan pengetahuan melalui perkongsian pengetahuan dan pengalaman.

Menyumbangkan nilai tambah (value added) kepada penyampaian perkhidmatan ICT

Memenuhi KAI L2.1 iaitu Program Sesi Perkongsian Maklumat (cth. Kolokium, Kursus, *eBook Review*, *Technology Update*)

FAEDAH



PERINGKAT CICT KESELURUHAN



Bil	Telegram Group	Ahli Kumpulan Telegram & Tujuan
1	 CICT-Staff AzmiKamis: Ambil laluan ...	Semua staf CICT, Hebahan dan makluman umum kepada semua staf
2	 JPU CICT 2016 Ali: Yes, blh proceed	Kumpulan Pengurusan CICT
3	 CICT UTM Executives Nik Kamal: Selamat Hari ..	Keahlian kumpulan, Ketua Unit & Ketua Projek
4	 CICT OPERASI Mohd Zhan: boleh try prof	Semua staf teknikal yang kendalikan servis ICT
5	 CICT UTM 2017 - Stra... Alias Mohd: Photo	Ahli Task-Force CICT Strategy Map

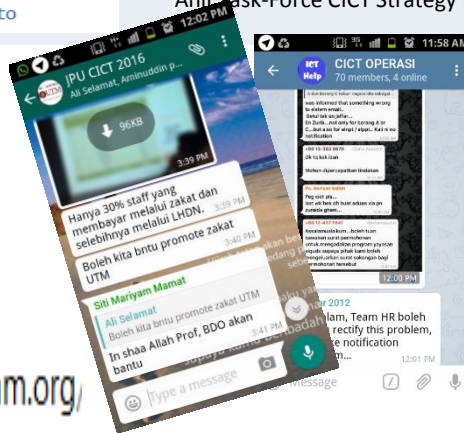


Telegram: eLearning@UTM

Telegram: Pengurus Fasiliti

PERINGKAT BAHAGIAN DALAM CICT

Bil	Telegram Group	Ahli Kumpulan Telegram & Tujuan
1	 TaskForce Business CICT Ali: Mohon wakil decide seger...	Ahli Task-Force Penjanaan CICT mewakili setiap Bahagian
2	 BDO-CICT MNazir, Dr: training tea...	Urusetia Penjanaan CICT (BDO)



<https://web.telegram.org/>



<https://web.whatsapp.com>

3

Program Sijil Eksekutif Pendidikan Tinggi

Keselamatan ICT

Pusat Teknologi Maklumat & Komunikasi



Usaha Pengenalpastian dan Penilaian Risiko

Data Recovery Centre

Pusat data adalah infrastruktur penting yang terdiri daripada pelayan (server), ruang penyimpanan data (storage) dan pangkalan data. Untuk menjamin “zero loss” data dan maklumat jika berlaku apa jua bentuk bencana, pembangunan DRC yang bertempat di UTMKL telah dilaksanakan.

Power backup/Gen Set

Untuk mengatasi gangguan sumber tenaga seperti elektrik di Pusat Data

CCMC

Unit Command Control and Monitoring Centre (CCMC) ditubuhkan untuk memastikan kelancaran perkhidmatan ICT seperti ketersediaan server, sistem aplikasi dan rangkaian. Pemantauan dilaksanakan setiap masa agar risiko kegagalan perkhidmatan dapat dielakkan dan diatasi dengan kadar segera sekiranya berlaku

UTMCert

Pasukan UTM Computer Emergency Response Team (CERT) ditubuhkan sebagai langkah memperkemas pengendalian insiden keselamatan ICT. Ianya disarankan oleh MAMPU kepada semua agensi yang melaksanakan infrastruktur ICT

Pengurusan Kewangan

J/K Perolehan Teknikal Universiti, J/K Sebutarga dan J/K Teknikal peringkat CICT. Proses perolehan mesti melalui penilaian jawatankuasa berkaitan bagi memastikan ia mematuhi prosidur pengurusan perolehan/kewangan Universiti dan Perbendaharaan Malaysia.

OSHE

Jawatankuasa OSHE memainkan peranan yang penting di CICT dalam menangani risiko yang melibatkan kesihatan pekerja dan bangunan.

Pengurus Fasiliti

Tindakan proaktif dalam mencegah & mengurangi risiko di CICT

Penetapan Threshold Risiko

- Dasar dan Polisi ICT
- Pengurusan Keselamatan ICT ISO 27001
- Projek IDM/ SSO
- UTM Cert
- Kawalan dan Pemantauan CCMC
- Penguatkuasaan kawasan bebas asap

Mekanisme dan Petunjuk Amaran Awal

- Pelaksanaan DRC
- SMS Gateway
- Gen Set / ups
- Notis amaran, pekeliling, memberi ceramah, pengesahan daripada pihak yang bertanggungjawab
- Pemasangan CCTV
- Emel dan hebahan kepada staf

Beware.....

To ensure fair usage to all users, your online experience may be monitored.

Guidelines:

- Internet Application Policy
- E-mail Application Policy
- Website Contents and Publishing Policy
- Computer Distribution Policy (staff)
- Student Computer Lab Policy
 - Operating Hours, Booking, Attire Code, Cleanliness
- ICT Security Policy
- Computer Equipment Loan Policy
- Disposing of Computer Equipment Policy

<http://cict.utm.my>

Internet Policy

- Your password (UTMID) is your responsibility
- Your PC/devices must be free of spywares, adwares, viruses and worms before connecting to the UTM networks
- Commercial use of UTM networks is prohibited
- Dissemination and access to pornographic and political materials are strictly prohibited
- Hacking, network scanning, phishing and data decrypting activities are prohibited at all cost
- Use of pirated softwares are prohibited.
- Use of gambling apps, gator, hotbar, searchbar, and cracked games on UTM owned computers are prohibited

Centre for Information & Communication Technology (CICT)
Respected, Involved, Respected

Email Policy

Home Who Are You Services Policy Get Help Contact About

- You are responsible for your email account and password
- Slanders, fouls language, sexually explicit words are not to be used in email at all time
- Personal use of email is allowed but its use for commercial activities is strictly prohibited
- Dissemination of prohibited materials through email attachment is not allowed
- Encryption is required for sending confidential materials
- Spamming and phishing activities are strictly prohibited
- Use of email account by a third party is prohibited

4

Program Sijil Eksekutif Pendidikan Tinggi

Pengurusan Pelanggan

Pusat Teknologi Maklumat & Komunikasi





Pengurusan



Mahasiswa



Komuniti



Staf

Penentuan Keperluan Pelanggan



Kenyataan Misi Perkhidmatan Pelanggan

KAMI KOMITED MENYEDIAKAN PERKHIDMATAN ICT BERIMPAK TINGGI DAN MELAKSANAKAN PENAMBAHBAIKAN BERTERUSAN BAGI MENINGKATKAN KEPUASAN PELANGGAN SEJAJAR DENGAN VISI DAN MISI CICT

Piagam Pelanggan & SLA Antara PTJ

Piagam Pelanggan

Menjadikan ICT sebagai utiliti asas universiti

Menyediakan perkhidmatan berpusat bagi memudahkan pelanggan memberi fokus kepada bisnes teras masing-masing

Menyediakan perkhidmatan bersepadu bagi memudahkan capaian maklumat dengan berkesan

Membuat penambahbaikan berkesan dalam perkhidmatan ICT

SLA BERSAMA PTJ

1. FOKUS PELANGGAN

- Kepuasan Pelanggan - 85% CSI & Kualiti Perkhidmatan
- Khidmat Pelanggan - 90% Permohonan pelanggan dipenuhi
 - i. Kemudahan ICT ≤ 3 hari bekerja
 - ii. Data Universiti ≤ 5 hari bekerja
 - iii. Khidmat sokongan teknikal $\leq 5\%$ gangguan
- Pengurusan Aduan - 90% Aduan diselesaikan
 - i. Masa maklum balas (kecuali Adu@IT) ≤ 4 jam
 - ii. Masa penyelesaian
 - o Berat ≤ 5 hari
 - o Sederhana ≤ 3 hari
 - o Mudah ≤ 4 jam

Objektif Kualiti

2. PENGURUSAN PROJEK ICT YANG EFEKTIF

- Pematuhan spesifikasi teknikal 100%
- Penyempurnaan projek mengikut masa 80%
- Pemantauan projek mengikut deliverable 100%

3. PROFESIONAL DIGITAL BERINOVATIF

- Staf CICT mengikuti program pembangunan Kepakaran digital
- Pelaksanaan perancangan latihan 90%
- Kualiti pengendalian latihan 90%
- Pengurusan kompetensi peserta 80%

4. KUALITI OPERASI & PERKHIDMATAN DIGITAL ICT

- Up-Line Perkhidmatan 99% (Aplikasi, Infra & Operasi)
- Kemudahan ICT 100% mengikut standard kemudahan ICT
- Keselamatan ICT 98%

5. EKOSISTEM DIGITAL KEUSAHAWANAN

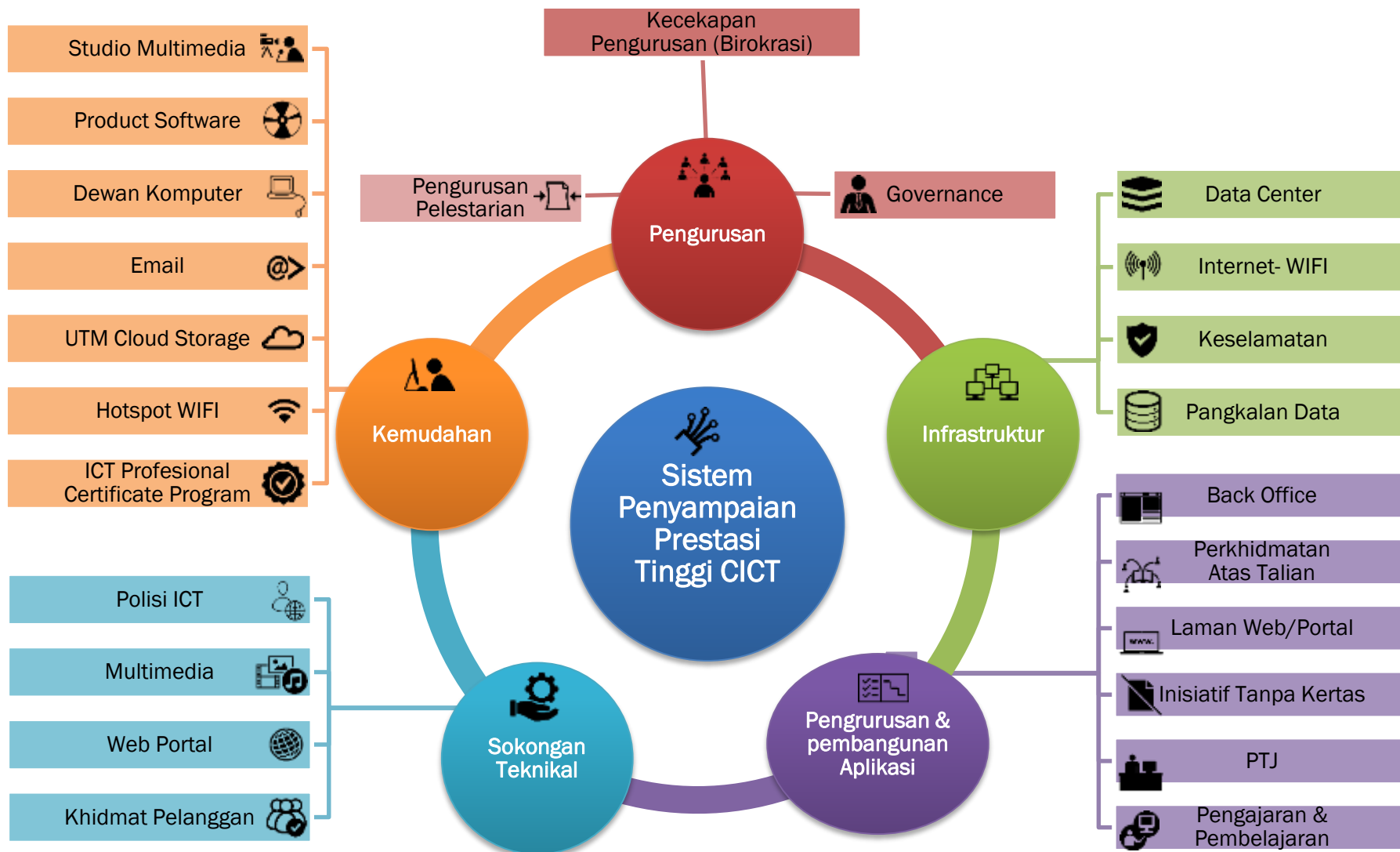
- Penjimatan 75% mengikut sasaran tahunan
- Sasaran penjana tahunan $\geq 80\%$

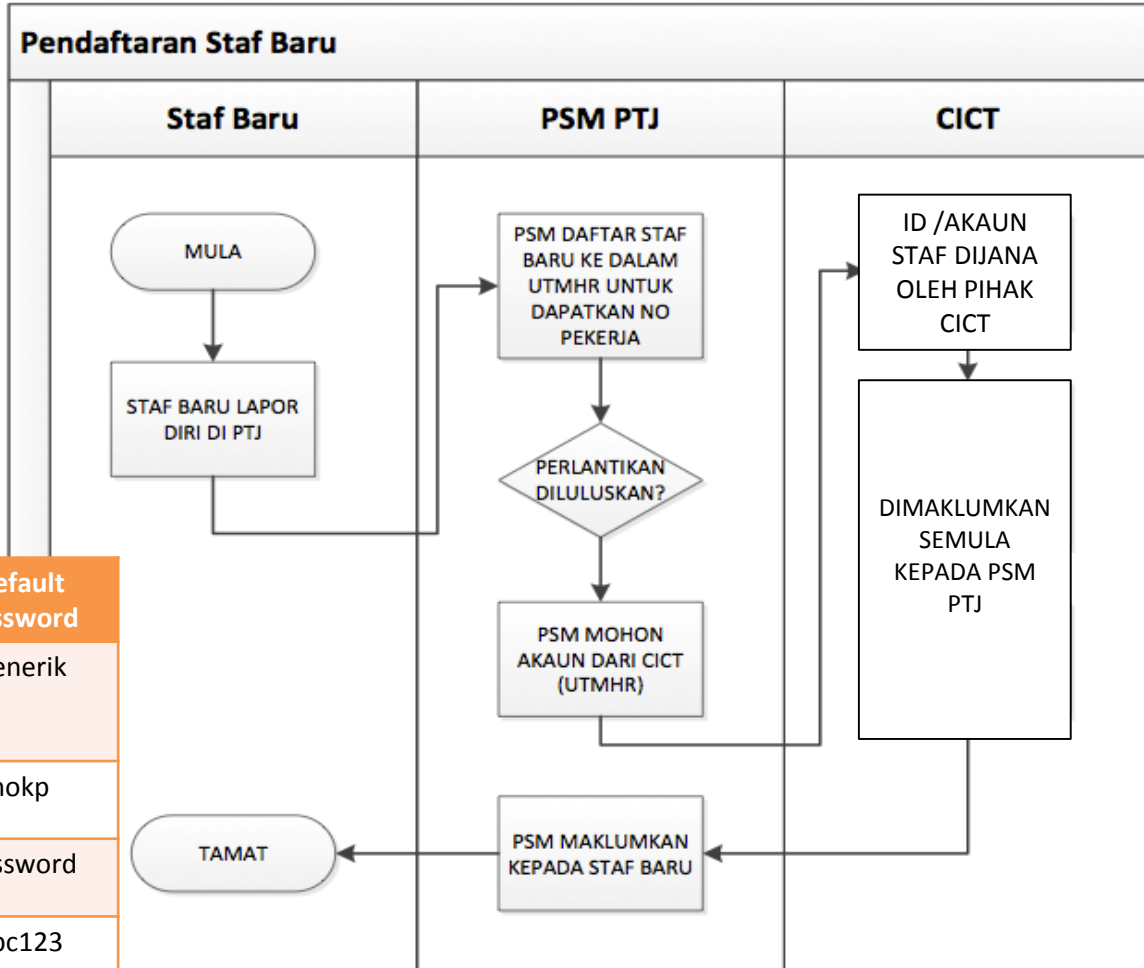
PROGRAM ATTACHMENT DAN AMBASSADOR Di PTJ

Peraksanaan Staf Attachment & Ambassador

- Mula dilaksanakan bermula pada Oktober 2015 melibatkan staf di semua peringkat.
- Tempoh masa Attachment/Ambassador adalah maksima 1 tahun pada sesuatu tempat
- Pemilihan staf adalah berdasarkan keperluan semasa university atau PTJ.
- Tujuan utama untuk memberi perkhidmatan terbaik kepada pelanggan/PTJ.
- Penempatan staf adalah sepenuh masa di PTJ yang ditempatkan.
- Penilaian prestasi staf dinilai oleh Pegawai Penilai Pertama dari PTJ dan Pegawai Penilai Kedua dari CICT.

Perkhidmatan Teras CICT Dalam Sistem Penyampaian Perkhidmatan





BIL	ID/ AKAUN	CATATAN	Default Password
1	UTMID/ ACID	ID untuk akses portal MyUTM, Hotspot@UTM & Virtual Private Network (VPN)	Generik
2	Emel	Emel rasmi UTM xxx@utm.my	nokp
3	UTMHR	Sistem Aplikasi	password
4	UTMFin	Sistem Kewangan Universiti	abc123
5	iHadir	Sistem Kehadiran & Cuti	No pekerja



UTMID/ ACID

HOW TO RESET YOUR ID

- ✓ Login to <https://acid.utm.my>
- ✓ Check UTMID and Reset Your ACID password



Please follow the instructions below to retrieve your ACID account

For lecturer and staff please insert your **staff no.**
For student please insert your **matric no.**

e.g: BE030999



UTM Centre for Information & Communication Technology (CICT)
Referred . Relevant . Respected



my.utm.my
ONE STOP STUDENT SERVICES

ACID is part from computer service, which provide unique consumer ID through confirmation from server to login into academic computing system.
All students have own distinctive consumer ID after registering program through respective faculty.

Url: <https://my.utm.my>
<http://aduan.cict.utm.my>

HelpDesk :075532136

 UTM Library

 Achievement

 Activity List

 Admission

 Immigration Management Student

 Elearning

 College Parcell

 Faculty and School

 My Profile

 Software Centre

 Student Registration

 Staff Directories

 Job on Campus

 E-Portfolio

 Hostel

 Student Evaluation of Teaching

 Graduate Studies Management System (GSMS)




The screenshot shows the MYUTM Portal Staff interface. At the top, there is a navigation bar with the UTM logo, the title 'PORTAL STAF UTM', and the user's name 'DINIHA BINTI MISKAM' with a profile picture and a gear icon. Below the navigation bar is a main content area with a large banner for 'Bazar Ramadhan 2018' featuring the UTM logo and text: 'Bermula 17.5.2018 ~ 14.6.2018 @ LAMAN MENANTI, TAMAN TROPIKA UTM JOHOR BAHRU 3.00PETANG ~ 7.30MALAM'. Below the banner, there are tabs for 'BERITA', 'BORANG', 'PEKELILING', and 'BANTUAN'. The 'BERITA' tab is active, showing a list of news items with titles and dates. On the right side, there is a 'SLIDE KEHADIRAN' section with buttons for 'Masuk', 'Keluar', and 'Rekod Kehadiran'. Below this are buttons for 'LNPT 2017', 'Baki Cuti', 'CPD 2018', 'CIS 2017', 'Baki Pergajian', 'SLIP GAJI', 'Tahun Isytihar Harta', and 'Kadar Keterhutangan'. On the left side, there is a sidebar with a 'SISTEM UTM' menu containing various system links like 'Profil', 'Sumber Manusia', 'Beban Tugas (eLog)', etc., and a 'PAUTAN LAIN' menu with links like 'Pengurusan Mesyuarat', 'Emel', 'Aduan', etc.


PORTAL MYUTM Interface


SOFTWARE DOWNLOAD

UTM SOFTWARE CENTER



Dashboard Postgraduate Student

Student Info Activity
NURFARAHIN BINTI BURHANUDDIN 




NURFARAHIN BINTI BURHANUDDIN
 Master Of Philosophy
 Chemical And Energy Engineering

Matric No.: MKK153049
Semester/Norm: 3 / 8
SV: Dr. Umi Aisah Bt Asli

Type of Study: Research (Full Time)
E-mail:
Phone: 0132927341

Achievement

MM Result	0 Publication
1 Activity	0 Award

UTM Software Centre 

Hit Counter : 00050202

Software Name :

No.	Software Name	Version	Manufacture	Category	Type	Date	View
1.	EndNote X8	X8	Thomson Reuters	Software	Application	24-01-2017	
2.	Symantec Antivirus 64-Bit	14	Symantec	Software	Application	29-11-2016	
3.	Symantec Antivirus 32-Bit	14	Symantec	Software	Application	29-11-2016	
4.	Visual Paradigm for UML		Visual Paradigm	Software	Application	06-10-2016	
5.	Nvivo 11	11	QSR International	Software	Application	06-10-2016	
6.	Matlab R2013b	R2013b	MathWorks	Software	Application	05-10-2016	
7.	ArcGIS 10.2.1	10.2.1	ArcGIS	Software	Application	02-10-2016	
8.	Microsoft Office	For Mac 2011	Microsoft	Software	OS	02-10-2016	
9.	Ansys 140	14.0	ANSYS	Software	Application	02-10-2016	
10.	Ansys 150	15.0	ANSYS	Software	Application	02-10-2016	
11.	AutoCAD@Autodesk		Autodesk Inc.	Software	Application	02-10-2016	
12.	EndNote X4	X4	Thomson Reuters	Software	Application	02-10-2016	
13.	Mathematica 9	9	Wolfram	Software	Application	02-10-2016	
14.	Matlab R2013a	R2013a	MathWorks	Software	Application	02-10-2016	
15.	Nvivo 10	10	QSR International	Software	Application	02-10-2016	

Outstanding Balance of RM 3,366.00

Services

Quick Links

Contact Us

Any inquiry, directly contact us :

SRAD
AMD
SPS
UTMI

School Of Graduate Studies,
 F54, Universiti Teknologi Malaysia
 UTM Johor Bahru,

Virtual Private Network (VPN)

To access UTM intranet services
from outside UTM campus <http://vpn.utm.my>

A screenshot of a web browser displaying the UTM VPN login page. The browser's address bar shows the URL 'https://vpn.utm.my/por/login_psw.csp?rnd=0.18122406881686426#https%3A'. The page header includes the UTM logo and the text 'Center for Information & Communication Technology' and 'VPN UTM Services'. The main content area is titled 'Access SSL VPN' and contains two input fields: 'Username' and 'Passcode'. Below these fields is a green 'Log In' button. To the right of the login form, there is a red 'Note:' followed by the text 'Use UTMID to login'. Below the login form, there is an 'INFORMATION:' section with text: 'Please use your ACID (Academic Computing ID) account in order to begin your secure session. To check your ACID account, click here.' and 'To access IEEE website please use this link http://ezproxy.utm.my.' The browser's toolbar shows various icons for navigation and settings.

← → ↻ 🏠 🔒 Secure | https://vpn.utm.my/por/login_psw.csp?rnd=0.18122406881686426#https%3A

📱 Apps ★ Bookmarks 🖥️ Widescreen - Wikipedia 🌈 Understanding video ⚙️ Settings 📄 Disable Pop-up Block

 **UTM** Center for Information & Communication Technology
UNIVERSITI TEKNOLOGI MALAYSIA | VPN UTM Services

Access SSL VPN

Username

Passcode

Log In

Note:
Use UTMID to login

INFORMATION:
Please use your **ACID** (Academic Computing ID) account in order to begin your secure session.
To check your ACID account, [click here](#).

To access **IEEE** website please use this link <http://ezproxy.utm.my>.



Virtual Private Network (VPN)

The screenshot shows a web browser window displaying the UTM VPN service page. The page title is "Center for Information & Communication Technology" and "VPN UTM Services". The URL is "https://vpn.utm.my/por/service.csp?rnd=ddfndadabffpflf". The page features a navigation menu on the left with "Resource Group" containing "L3VPN", "UTM Databases", "UTM Systems", and "UTM Email". The main content area displays a list of systems with their names and types.

System Name	Type
SAMS	Type:HTTP
eCs System	Type:HTTP
Outcome Based Education System (OBE)	Type:HTTP
UTMShare	Type:HTTPS
eReservation System	Type:HTTP
Web Central	Type:HTTP
RADIS	Type:HTTPS
VRMS	Type:HTTP
GSMS	Type:HTTP
LIMS	Type:HTTP
VRMS	Type:HTTP
GSMS	Type:HTTP
LIMS	Type:HTTP
Sistem Aduan ICT UTM	Type:HTTP
EBMS	Type:HTTP
UTMOnline	Type:HTTP
MyACID	Type:HTTPS
UTMFin	Type:HTTPS
eSmart System	Type:HTTP
HRFIN	Type:HTTPS

Virtual Private Network (VPN) List of System



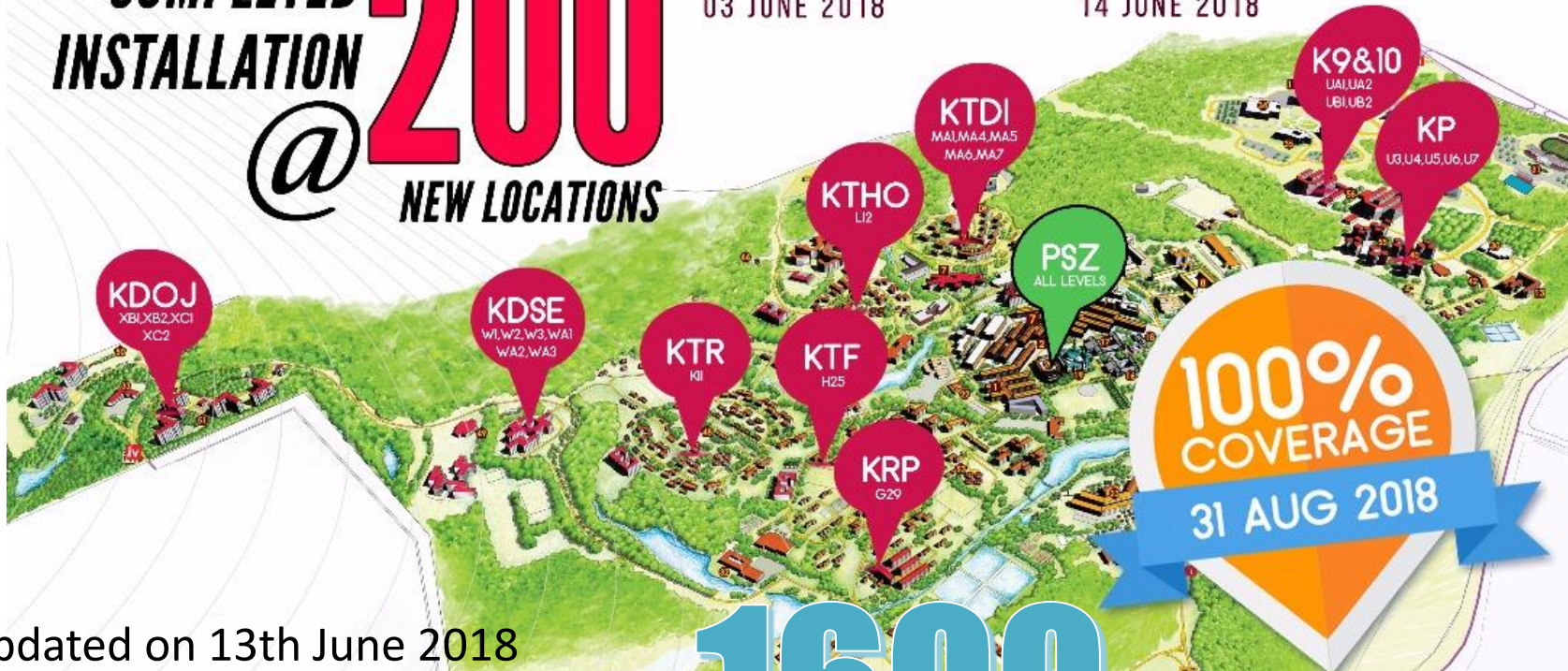
WIFI EXPANSION PROJECT @UTM RESIDENTIAL COLLEGES

ESTIMATED END DATE
31 AUGUST 2018

COMPLETED INSTALLATION @ 200 NEW LOCATIONS

START DATE
03 JUNE 2018

COMPLETED 200 LOCATION
14 JUNE 2018



Updated on 13th June 2018

Total 1600 locations

Customer Relationship Management (CRM) | Contact Us System Aduan : <http://aduan.cict.utm.my> | Email : aduit@utm.my | Phone No : 07-5532136/ 31976/ 31977/ 019-7786131





High Performance Computing(HPC)

HPC

- refers to the **practice of aggregating computing power** in a way that delivers **much higher performance** than one could get out of a typical desktop computer or workstation in order **to solve large**

What is HPC?

problems in science, engineering, or business and performing research activities

through computer modelling, simulation and analysis.

HPC uses supercomputers and computer clusters for solving complex computational problems. HPC technology focuses on using parallel processing algorithms and systems.





UTM HPC Network Diagram.....

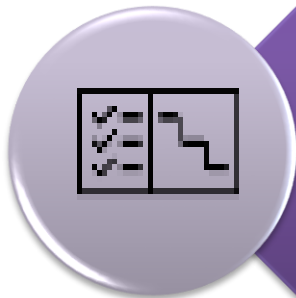


Kelulusan Spesifikasi Teknikal Bagi Perolehan ICT

Bagi Perolehan ICT, spesifikasi teknikal hendaklah disemak dan diluluskan oleh Jawatankuasa Teknikal Perolehan ICT Universiti sebelum sesuatu sebutharga dipelawa.



CICT adalah urusetia jawatankuasa ini dan di Pengerusikan oleh Pengarah CICT. Keahlian jawatankusa ini adalah dikalangan Pegawai Teknologi Maklumat Kanan dan Pengurus Teknologi Maklumat Fakulti.



Salinan minit mesyuarat yang telah disahkan oleh CICT hendaklah disertakan bersekali semasa permohonan sebutharga dibuat.



Had Kuasa Rundingan Terus perolehan ICT

Jenis Perolehan	Nilai (RM)	Kuasa Melulus
Perisian Khusus	Sehingga RM50,000	Pengarah CICT
Perisian Umum		
Pangkalan data, Jurnal dan Maklumat Atas Talian		
Pelanjutan Kontrak Penyelenggaraan & Menaiktaraf Bagi Perkhidmatan ICT dan Perkhidmatan Internet	Sehingga RM200,000	

Permohonan yang memerlukan kelulusan Pengarah CICT hendaklah menghantar dokumen lengkap ke Unit Perolehan Universiti, Pejabat Bendahari. Unit Perolehan Universiti akan mendapatkan kelulusan daripada Pengarah CICT.

Gallerium CICT



Gallerium CICT Aras 2, D07, CICT

Lawatan, sila hubungi Pejabat Am CICT 07-5532627



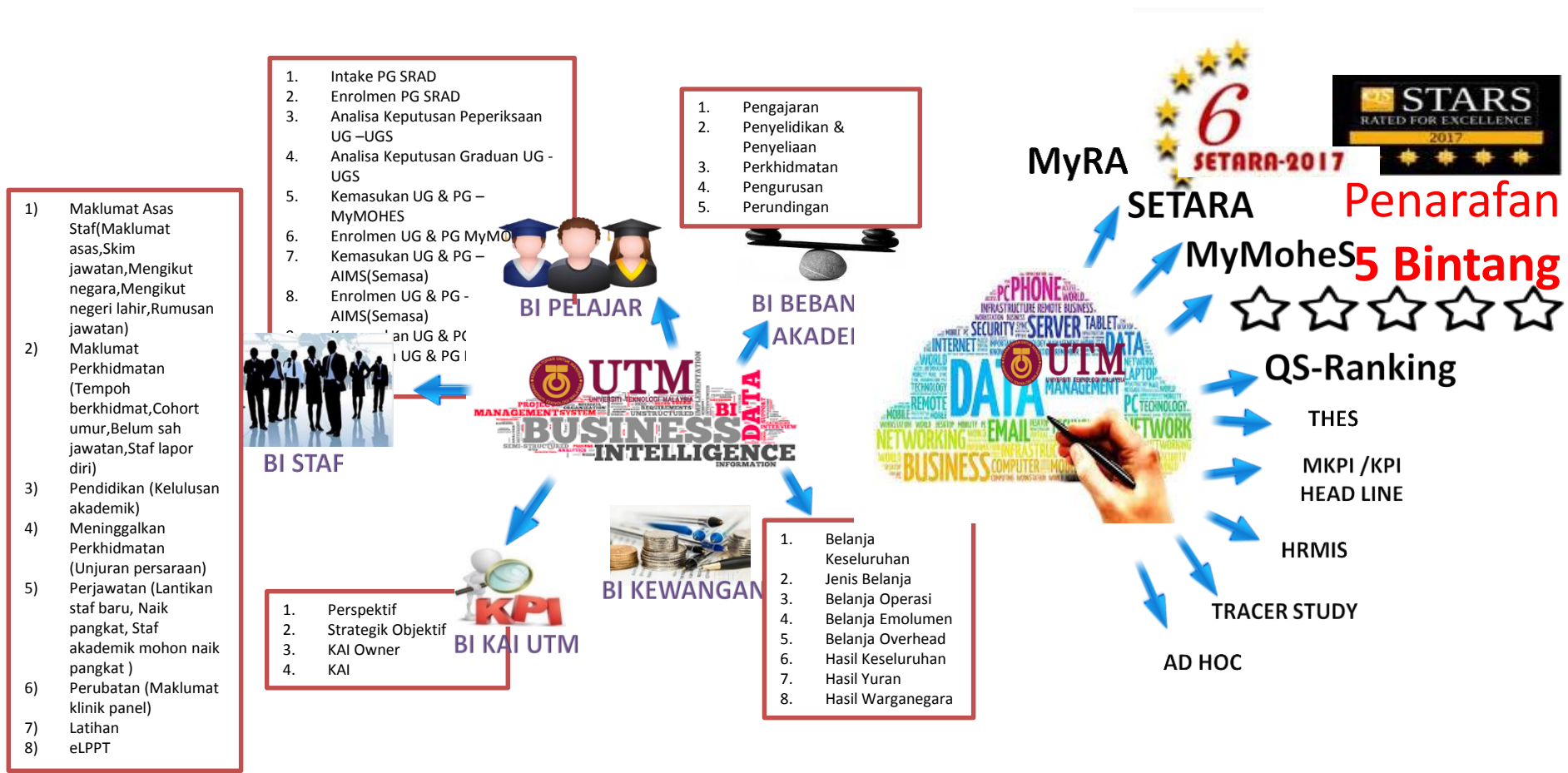
Program Sijil Eksekutif Pendidikan Tinggi

5 Pencapaian CICT & Perancangan Akan Datang

Pusat Teknologi Maklumat & Komunikasi



SUMBANGAN TERHADAP RATING & RESEARCH UNIVERSITY DALAM PENGURUSAN DATA UNIVERSITI & BUSINESS INTELLIGENCE

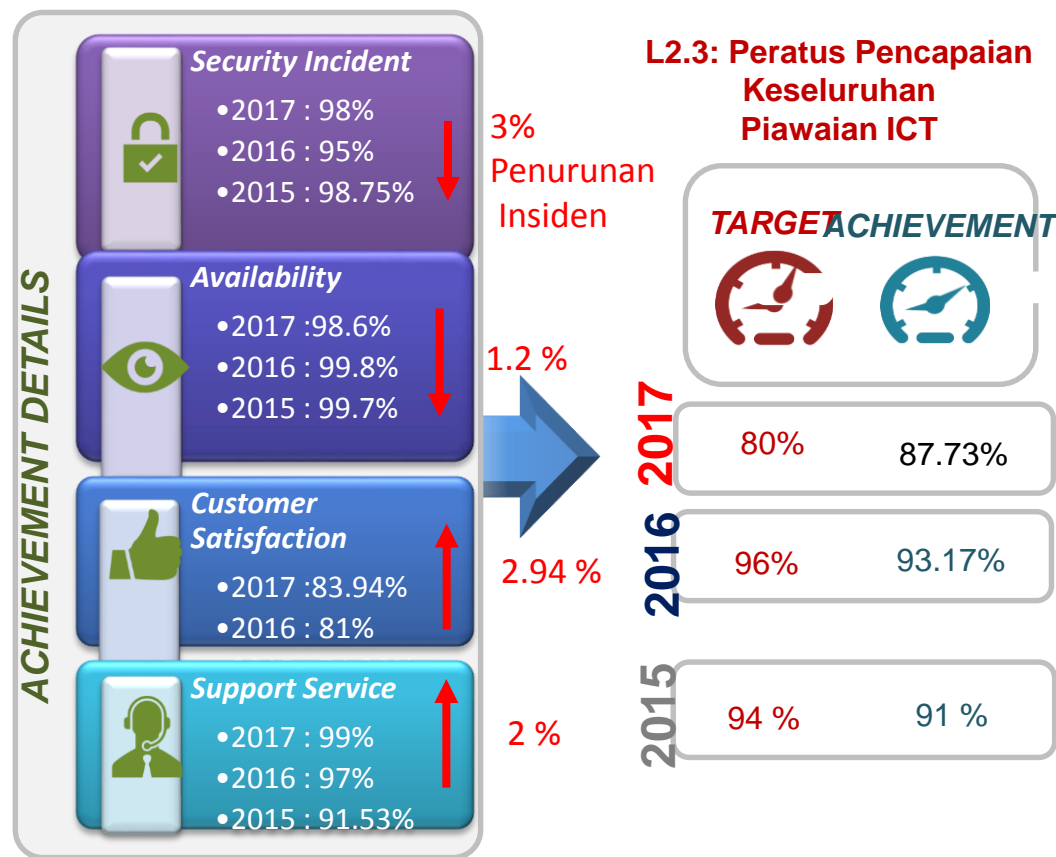


**SUMBANGAN TERHADAP RATING & RESEARCH UNIVERSITY
DALAM
PENGURUSAN DATA UNIVERSITI & BUSINESS INTELLIGENCE**



Strategik Objektif mengikut Perspektif

Bil	Perspektif	Bilangan Strategi k Objektif	Strategic Objective	Bil KAI
1	Pihak Berkepentingan (Stakeholders)	2	S1. Excellent Products & Services S2. Comprehensive Strategic Branding program	2 3
2	Proses Dalam (Internal Process)	3	P1. Enculturation of High Performance Delivery P2. Strengthening Implementation of Corporate Governance & Standard Compliance P3. Enculturation ICT Innovative Business Practices	1 2 1
3	Pembelajaran dan Peningkatan (Learning and Growth)	3	L1. Outstanding Staff with Holistic Values L2. Knowledge and Technology Asset L3. Conducive Working Environment	4 2 2
4	Kewangan (Financial)	3	F1. Prudent Financial Management F2. Diversified Income Base F3. Unlocking Asset	1 6 1
JUMLAH			11	25



PENGIKTIRAFAN

**Persijilan Rekabentuk
Datacenter Tier3
1 Disember 2017**



**Anugerah UTMFin SAGA
Compliance (AG)
22 November 2017**



**Impak
Pensijilan
SAGA**

**Integrasi
antara sistem**

**Kawalan
Capaian
Pengguna**

**UTMFin –
produk inovasi
yang diiktiraf
oleh Akauntan
Negara**

**Keselamatan
Data Terjamin**

Senamrobik Perdana

- 2015 & 2016 : PTJ Paling Aktif
- 2017: PTJ Paling Gempak, PTJ Paling Ceria



PUSAT DATA BAHARU UTM

IPT PERTAMA DI MALAYSIA

**Persijilan Rekabentuk Datacenter Tier3
Dianugerahkan pada
1 Disember 2017**

**KEMUDAHAN DI DALAM
PUSAT DATA BAHARU UTM**



STRATEGI



IMPAK

Design certified
(TIA-942 Tier 3 -
2017)

Pusat Data dengan
infrastruktur
redundun dimana
penyelenggaraan ke
atas peralatan dapat
dilaksanakan tanpa
mengganggu
perkhidmatan ICT
yang lain

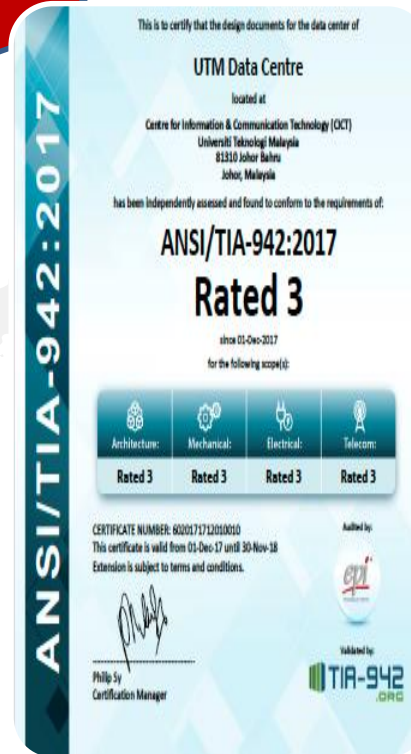
Operation
Certified
(ISMS + TIA 942 -
2018)

24 x 7 x 365 ICT
Application Services,
reduce downtime,
proper maintainance

Business opportunity,
Cloud services, Hosting
services especially in
southern region

Green Technology

Longer lifetime for ICT
equipments



Network Room



Server Room



Genset



Computer Room
Air Conditioning
System

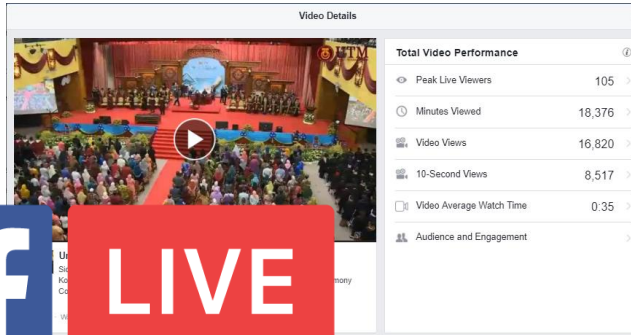


DCIM (Data Center
Infrastructure
Monitoring

PENERAJU PERKHIDMATAN VIDEO STREAMING, CONFRENCING DAN MONTAJ

2017

11 events



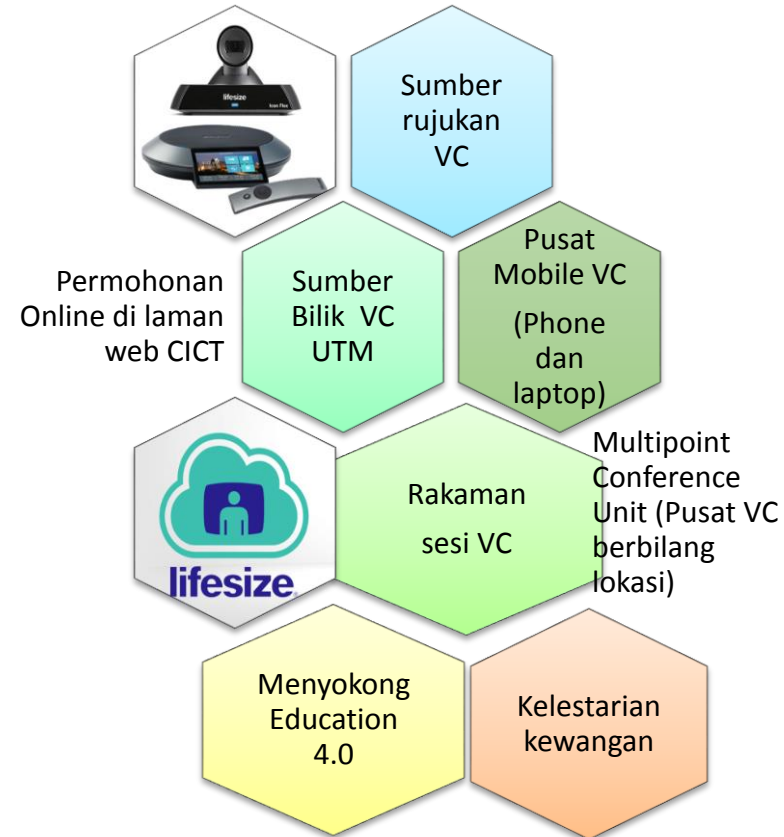
142,562 viewers. Reach more audience.

Global worldwide view

High Definition video quality

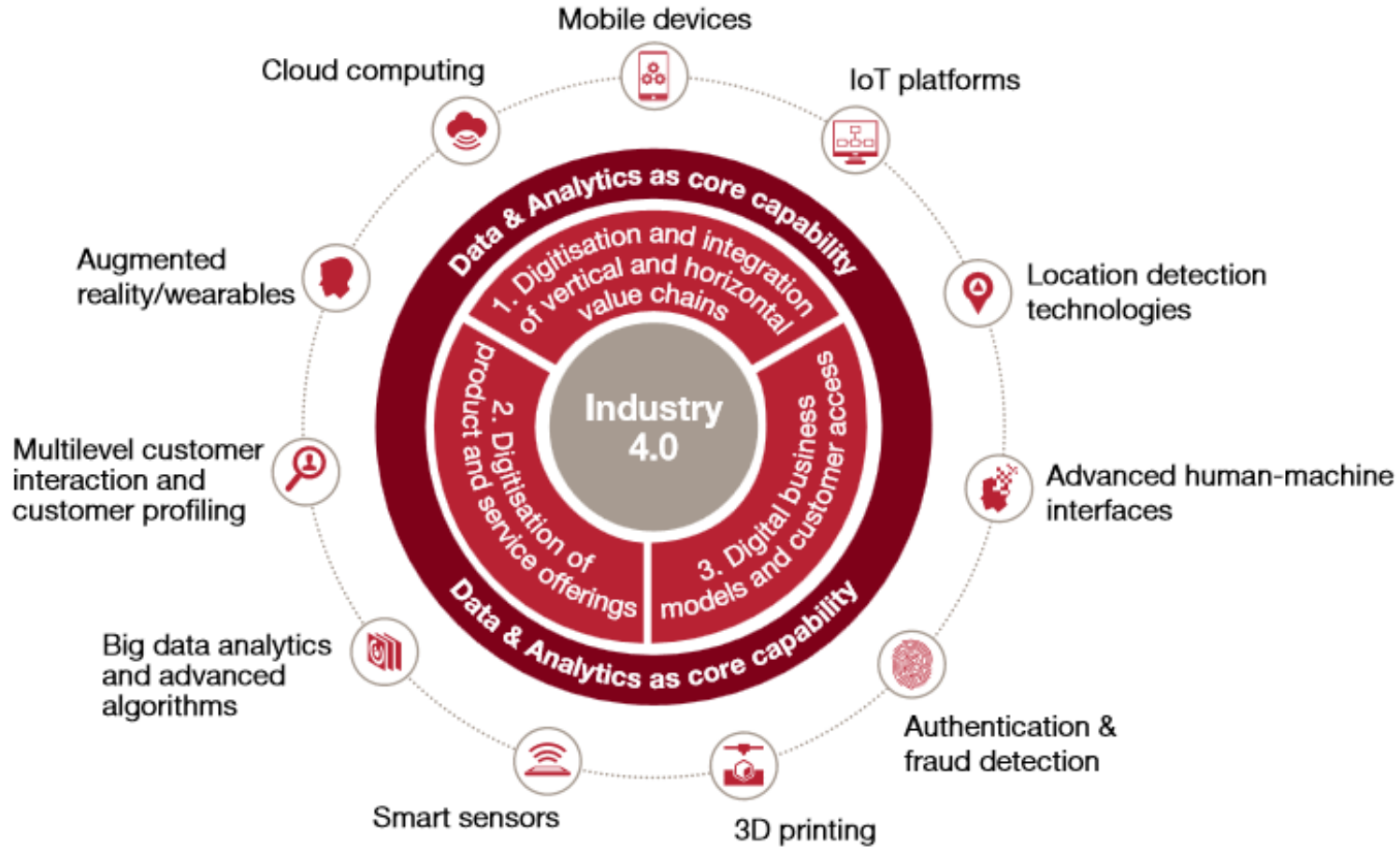
Integration with video system

MultiCameraProduction & VC



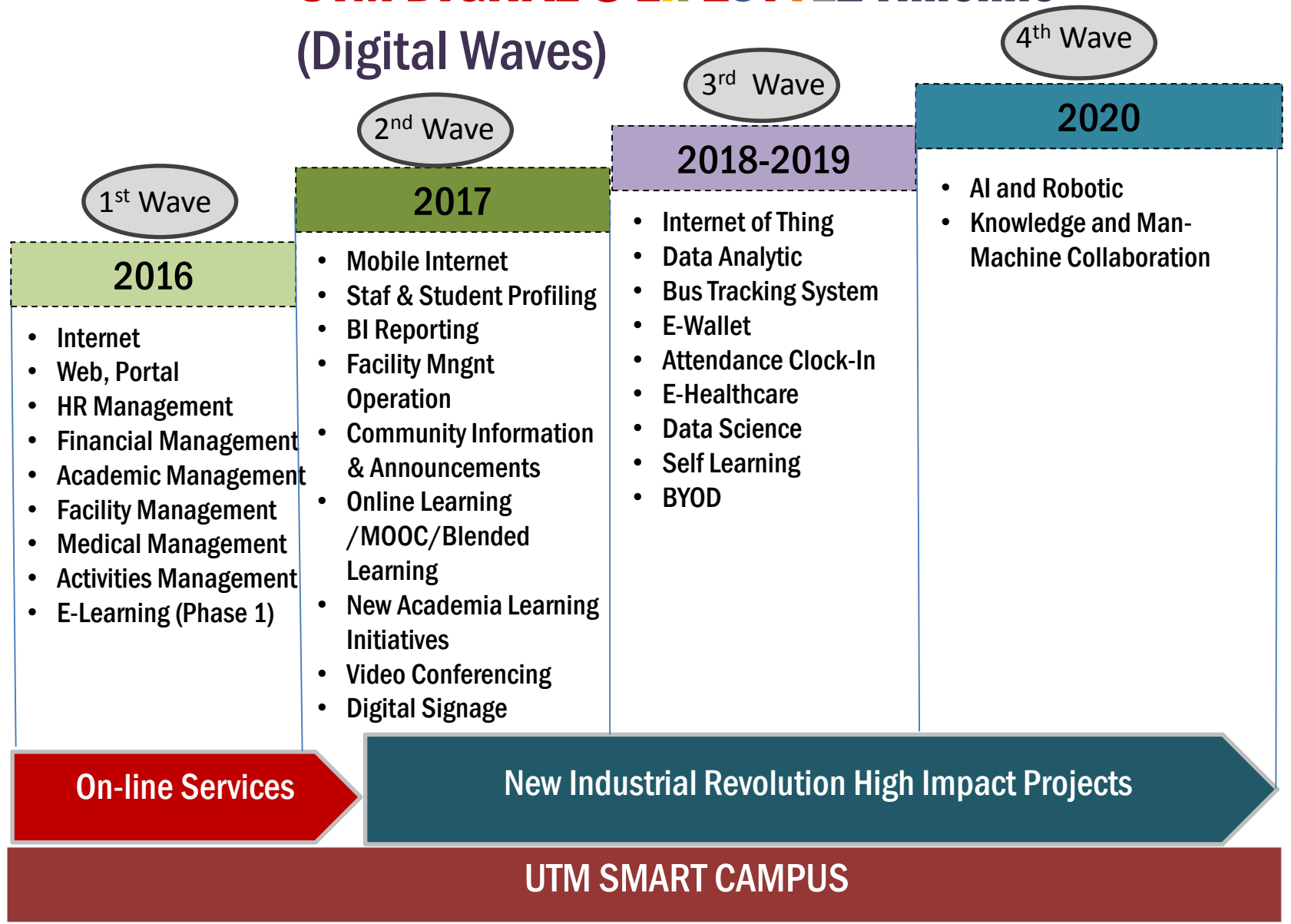
PERKHIDMATAN VIDEO CONFRENCING

DIGITAL @ LIFESTYLE - Industrial Revolution 4.0



Resource : www.pwc.com/industry40

UTM DIGITAL @ LIFESTYLE Timeline (Digital Waves)



On-line Services

New Industrial Revolution High Impact Projects

UTM SMART CAMPUS

ICT Innovation



Mobile Apps

BigData



Social Media



How Crowdsourcing Works in 6 Easy Steps

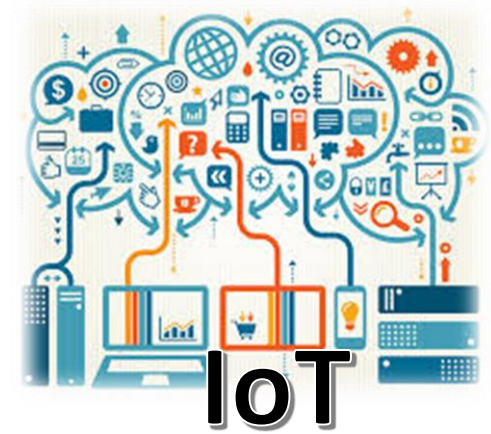
- 1 Company has a problem
- 2 Company broadcasts the problem online
- 3 The online "crowd" submits solutions
- 4 The crowd & company vet solutions jointly
- 5 Company rewards winning solvers
- 6 Company & community profits

From <http://www.ebizq.net/blogs/enterprise>

CROWDFUNDING



CLOUD

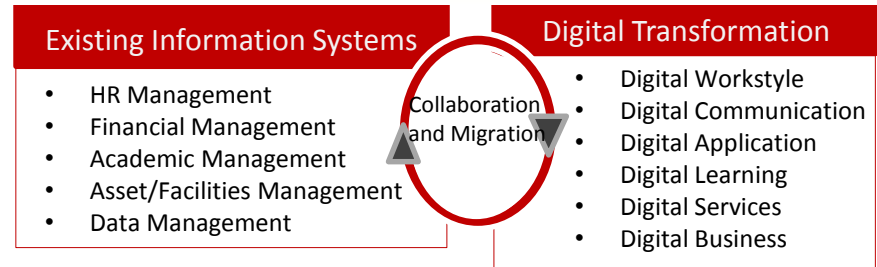
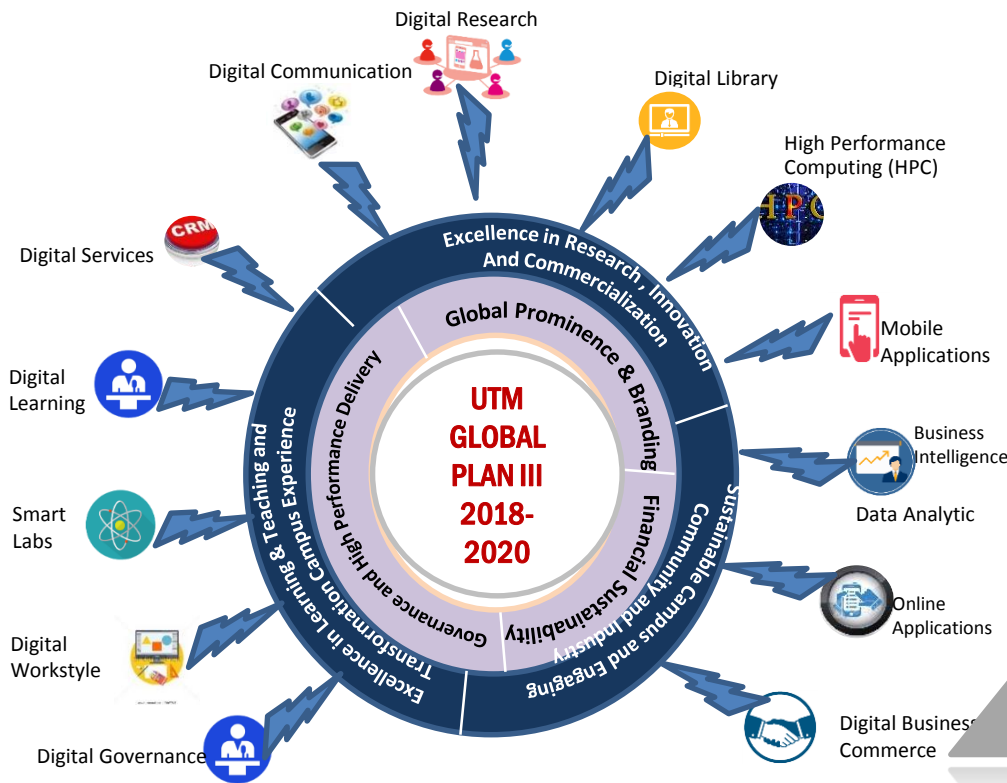


IoT

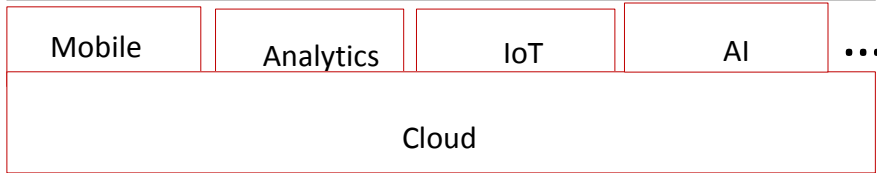
The 9 Pillars of IR4.0



ECO-SISTEM DIGITAL MEMACU PENCAPAIAN KFA PGU3

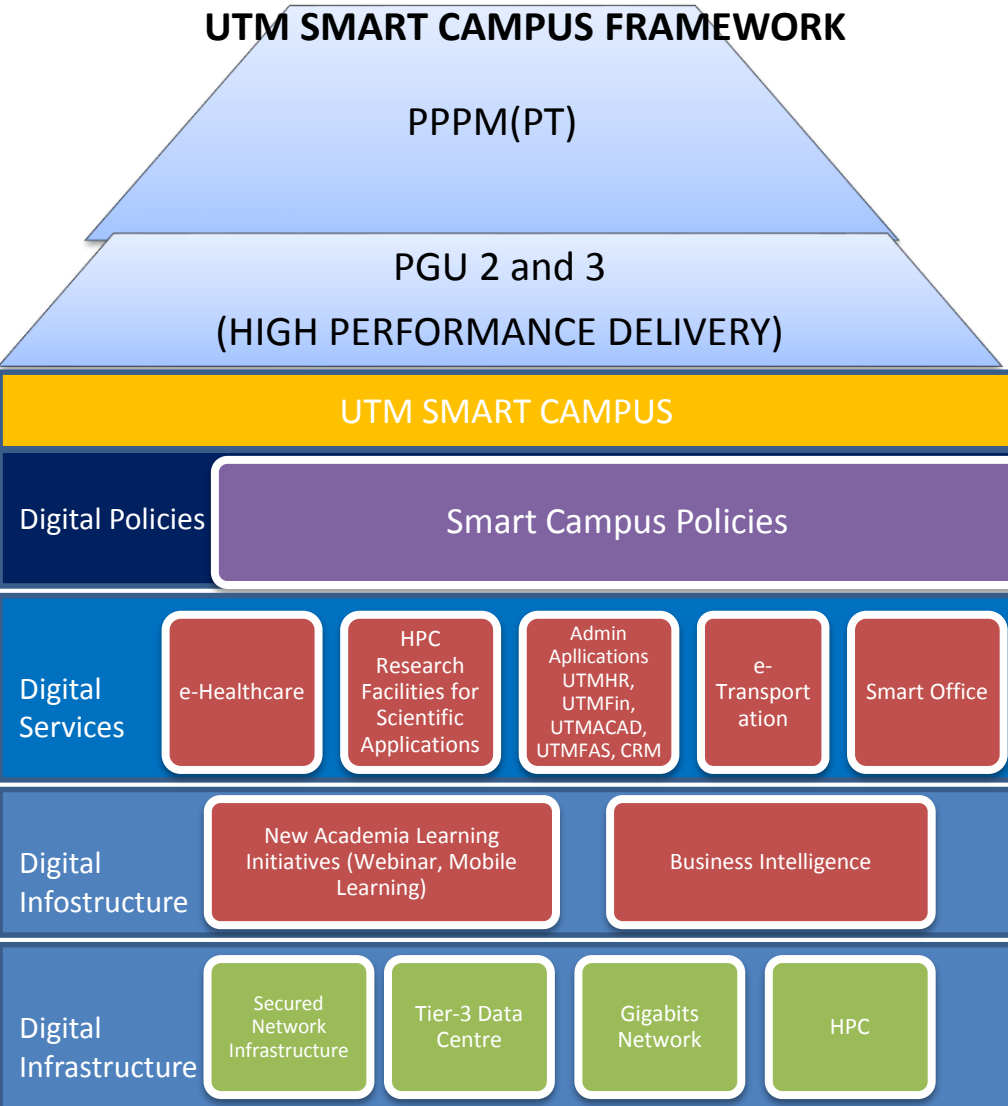


Industrial and University Revolution 4.0




UTM Digital Campus Platform

UTM SMART CAMPUS FRAMEWORK





Devices

- Intelligence devices to delivers digital contents in a user-friendly manner
- Powerful consumer devices will access, process and present digital content and interact with the digital and physical world



Network

- Communication and information info structure to support user access
- User will be able to seamlessly connect with and have and access to whatever information they want.



Applications

- Easy accessible multimedia content for diversified user applications
- Content will play a key role in satisfying people’s information needs and entertainment expectations
- Media content and context will be created, consumed and shared by anyone

CICT SEBAGAI *DIGITAL @ LIFESTYLE* KEY ENABLERS - TOTAL CAMPUS EXPERIENCE

- Sustainable Campus, Infrastructure, Information and Communications Technology (ICT) System, and Community Engagement & Industrial Network.
- Total Campus Experience
- High Performance Delivery
- Financial Sustainability



DIGITAL INFRASTRUCTURE



UTM 4.0 Towards IR4.0

UTM4.0 4th INDUSTRIAL
REVOLUTION
DIGITAL NERVOUS SYSTEM



Oleh

**PUSAT TEKNOLOGI MAKLUMAT DAN KOMUNIKASI
(CICT)**

Slide di  cict.utm.my <Get Help> <Sijil Eksekutif Pendidikan Tinggi>