



اَللّٰهُمَّ صَلِّ وَسَلِّمْ عَلٰى نَبِيِّنَا مُحَمَّدٍ  
UNIVERSITI  
TEKNOLOGI  
MARA

**CIDL**  
Centre for Innovative Delivery & Learning Development

**HEA**  
HAL EHWAL AKADEMIK

# REPORT ON STUDENTS OF UNIVERSITI TEKNOLOGI MARA READINESS TOWARDS THE OPEN & DISTANCE LEARNING



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## INTRODUCTION

- Introduction to the report

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- Background of the respondents
- Respondents according to faculty
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- Internet access & device facilities
- Students' internet data plan

## ODL ALTERNATIVE PLATFORM

- Alternative Platform Usage Scale

# PURPOSE OF THE ANALYSIS



Identify the students' readiness and availability from various perspectives towards the Open & Distance Learning.

Identify the suitability of application of ODL by faculties.



Identify the necessity For ODL to minimize the constraints and barrier.

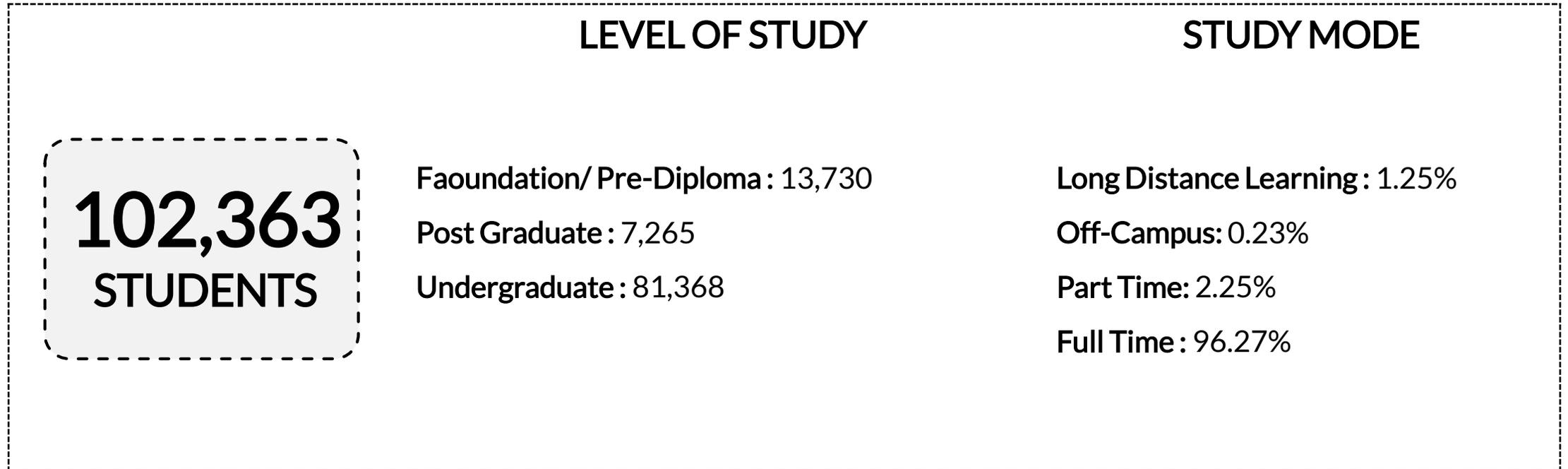
Identify the various types of platform for the purpose of ODL following to the students preferences.



# BACKGROUND OF THE RESPONDENTS



# RESPONDENTS INVOLVED IN THE STUDENTS READINESS SURVEY



# TOTAL RESPONDENTS BY FACULTY

Faculty	Total Respondents	Faculty	Total Respondents
Akademi Pengajian Islam & Kontemporari	1,645	Fakulti Kejuruteraan Elektrik	2,671
Akademi Pengajian Bahasa	1,144	Fakulti Filem, Teater & Animasi	1,148
Fakulti Perakaunan	7,462	Fakulti Sains Kesihatan	1,931
Fakulti Sains Pentadbiran & Pengajian Polisi	5,796	Fakulti Pengurusan Hotel & Pelancongan	5,348
Fakulti Sains Gunaan	7,459	Fakulti Pengurusan Maklumat	4,222
Fakulti Seni Bina & Perancangan Ukur	10,590	Fakulti Undang Undang	1,568
Arshad Ayub Graduate Business School	356	Fakulti Kejuruteraan Mekanikal	2,580
Fakulti Seni Lukis & Seni Reka	3,065	Fakulti Perubatan	480
Fakulti Pengurusan Perniagaan	19,738	Fakulti Muzik	280
Fakulti Kejuruteraan Kimia	2,071	Fakulti Farmasi	893
Fakulti Kejuruteraan Awam	3,791	Fakulti Peladangan & Agroteknologi	1,636
Fakulti Komunikasi & Pengajian Media	1,882	Fakulti Sains Sukan & Rekreasi	1,855
Fakulti Sains Komputer & Matematik	9,144	Pusat Asasi	1,519
Fakulti Pergigian	23	Others (Not stated)	1,249
Fakulti Pendidikan	817		

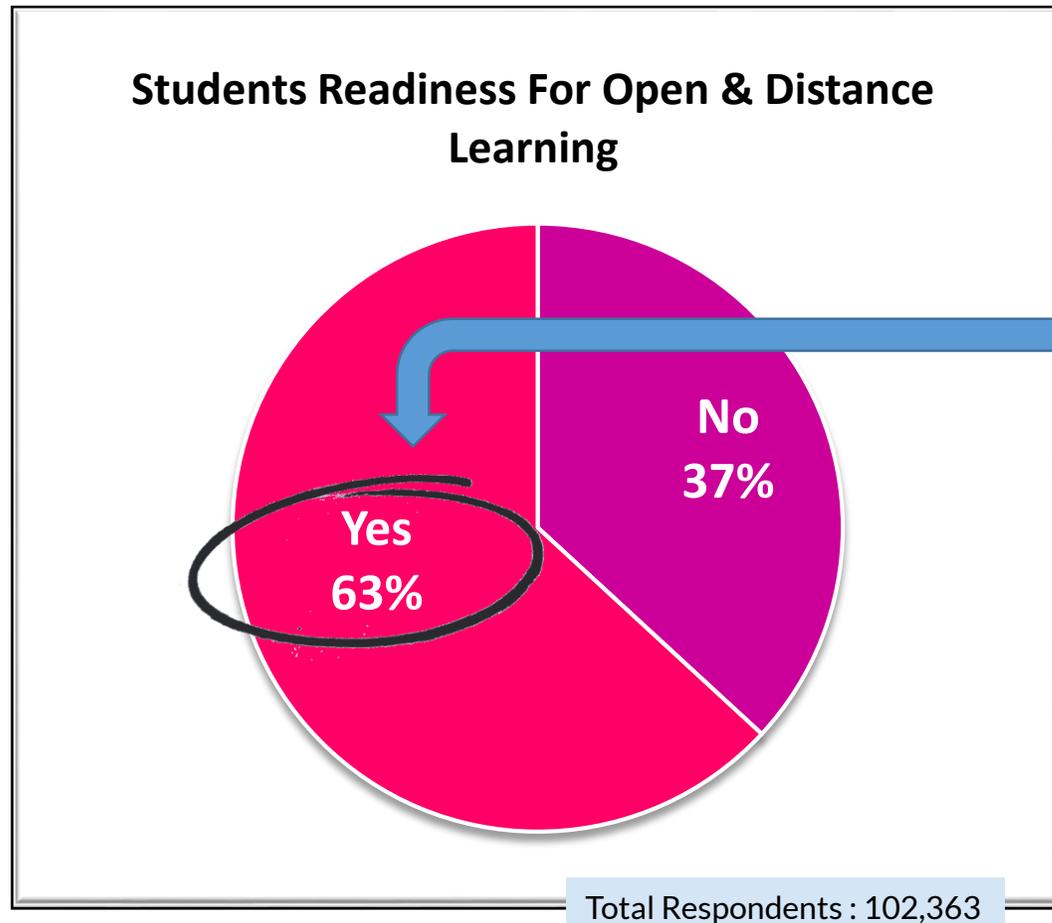
# FACULTY CODE

Faculty	Code	Faculty	Code
Akademi Pengajian Islam & Kontemporari	ACIS	Fakulti Kejuruteraan Elektrik	EE
Akademi Pengajian Bahasa	APB	Fakulti Filem, Teater & Animasi	FF
Fakulti Perakaunan	AC	Fakulti Sains Kesihatan	HS
Fakulti Sains Pentadbiran & Pengajian Polisi	AM	Fakulti Pengurusan Hotel & Pelancongan	HM
Fakulti Sains Gunaan	AS	Fakulti Pengurusan Maklumat	IM
Fakulti Seni Bina & Perancangan Ukur	AP	Fakulti Undang Undang	LW
Arshad Ayub Graduate Business School	AA	Fakulti Kejuruteraan Mekanikal	EM
Fakulti Seni Lukis & Seni Reka	AD	Fakulti Perubatan	MD
Fakulti Pengurusan Perniagaan	BM	Fakulti Muzik	MU
Fakulti Kejuruteraan Kimia	EH	Fakulti Farmasi	PH
Fakulti Kejuruteraan Awam	EC	Fakulti Peladangan & Agroteknologi	AT
Fakulti Komunikasi & Pengajian Media	MC	Fakulti Sains Sukan & Rekreasi	SR
Fakulti Sains Komputer & Matematik	CS	Fakulti Pendidikan	ED
Fakulti Pergigian	DS		

# ANALYSIS OF STUDENTS' READINESS FOR ODL

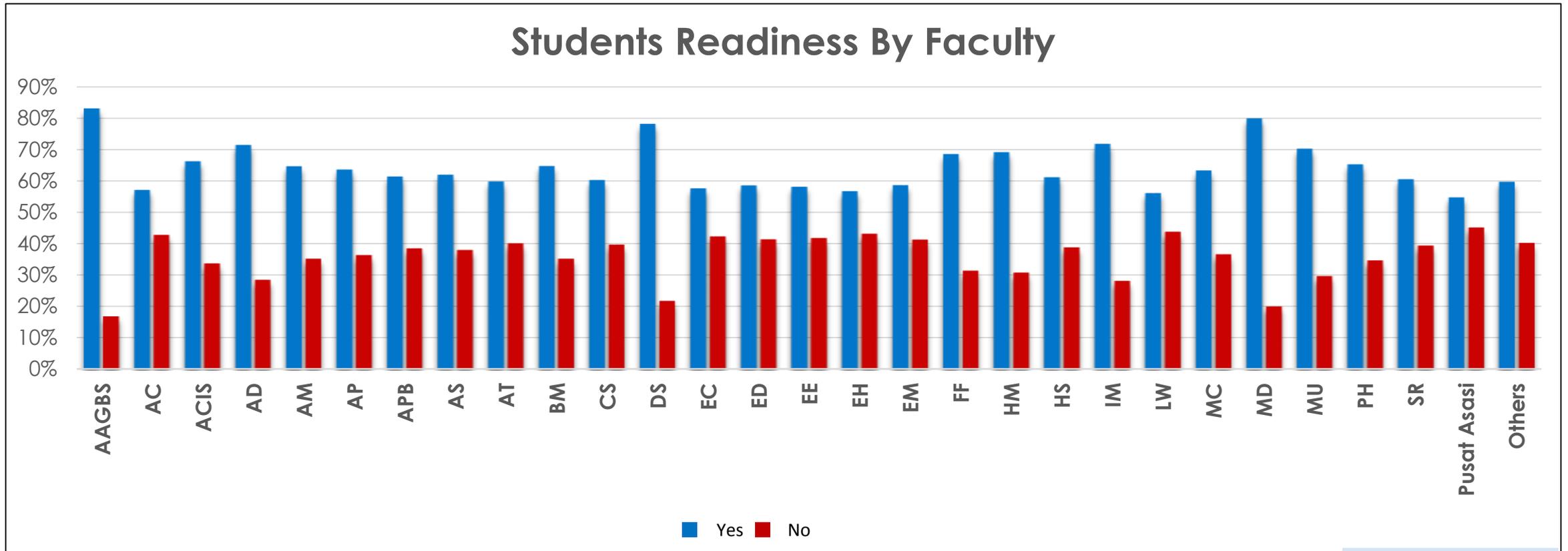


# STUDENTS' READINESS



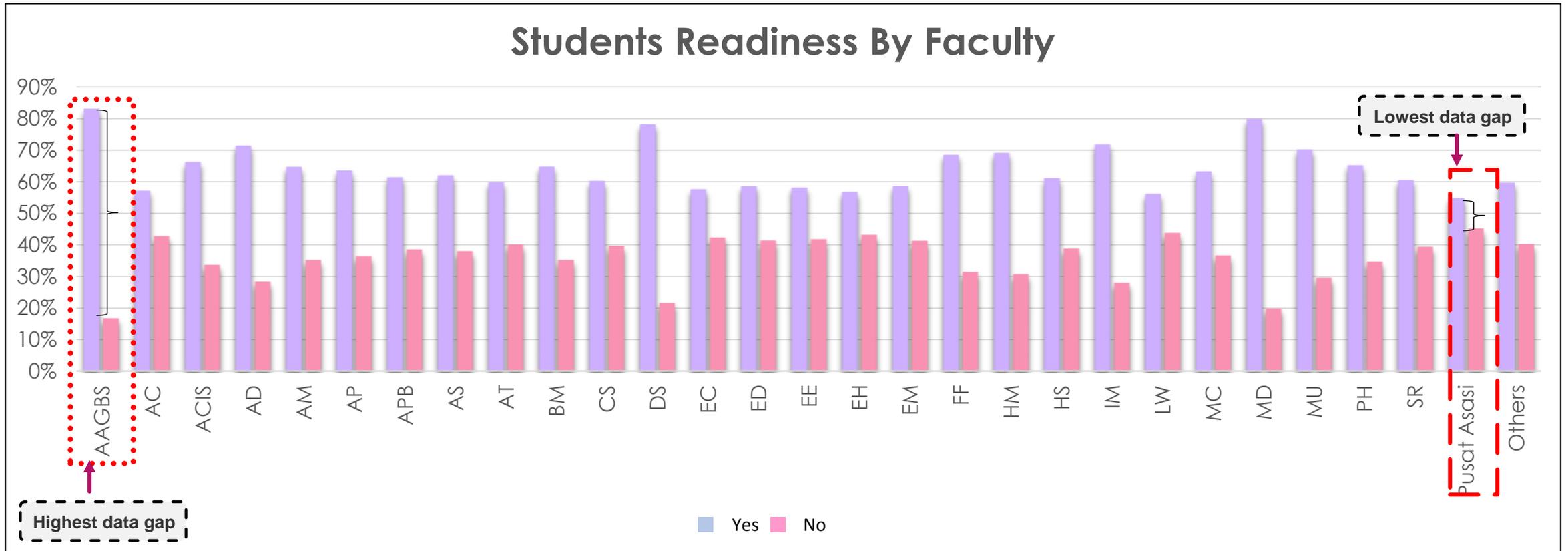
» **MAJORITY OF STUDENTS**  
Stated that they have the availability for Open & Distance Learning.

# STUDENTS' READINESS BY FACULTY



Refer : [Faculty Code](#)

# STUDENTS' READINESS BY FACULTY



Refer : [Faculty Code](#)

# STUDENTS' READINESS BY FACULTY

Faculty	Students Readiness By Faculty(%)		Faculty	Students Readiness By Faculty(%)	
	Yes	No		Yes	No
AAGBS	83.15	16.85	EH	56.93	43.07
AC	57.30	42.70	EM	58.80	41.20
ACIS	66.38	33.62	FF	68.64	31.36
AD	71.55	28.45	HM	69.28	30.72
AM	64.84	35.16	HS	61.26	38.74
AP	63.73	36.27	IM	71.93	28.07
APB	61.54	38.46	LW	56.31	43.69
AS	62.13	37.87	MC	63.44	36.56
AT	60.02	39.98	MD	80.00	20.00
BM	64.87	35.13	MU	70.36	29.64
CS	60.40	39.60	PH	65.40	34.60
DS	78.26	21.74	SR	60.70	39.30
EC	57.79	42.21	Pusat Asasi	54.97	45.03
ED	58.75	41.25	Others	59.89	40.11
EE	58.33	41.67			

Refer : [Faculty Code](#)

## Students Readiness By Faculty



- Table shows the students' readiness by faculty.
- The survey shows that majority of the students by faculty
- Surveys show that the majority of students according to the faculty think they have availability for online P&P.

# STUDENTS' READINESS BY FACULTY

Faculty	Data Gap (%)	Faculty	Data Gap (%)
AAGBS	66.29	EH	13.86
AC	14.61	EM	17.60
ACIS	32.77	FF	37.28
AD	43.10	HM	38.56
AM	29.68	HS	22.53
AP	27.46	IM	43.87
APB	23.08	LW	12.63
AS	24.25	MC	26.89
AT	20.05	MD	60.00
BM	29.75	MU	40.71
CS	20.80	PH	30.80
DS	56.52	SR	21.40
EC	15.59	Pusat Asasi	9.94
ED	17.50	Others	19.78
EE	16.66		



## DATA GAP FOR STUDENTS' READINESS BY FACULTY

Shows the difference between the students who have and do not have the availability for the ODL by faculty.



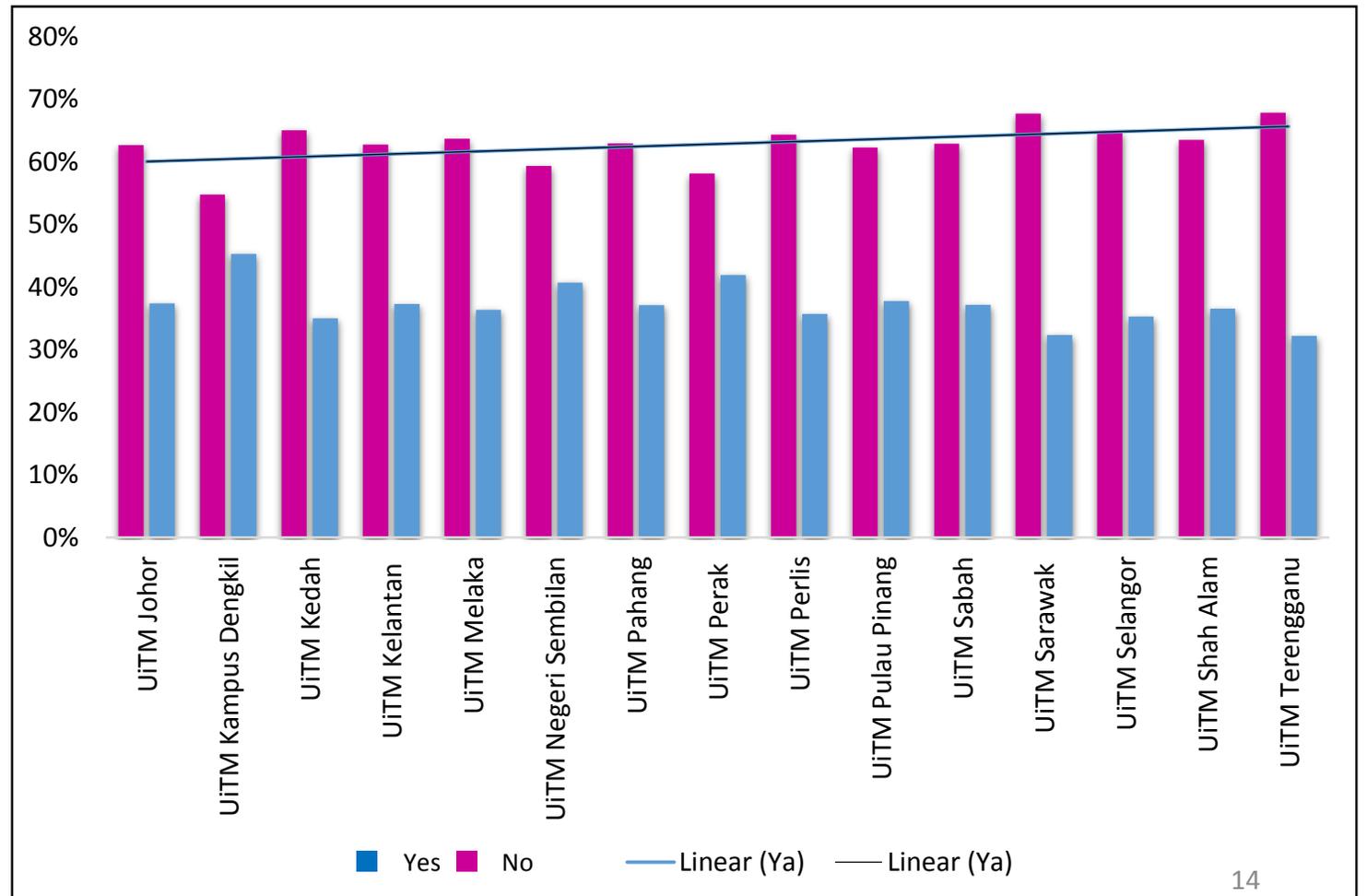
= lowest gap



= highest gap

# STUDENTS' READINESS BY BRANCHES

UiTM Branches	Students Readiness (%)	
	Yes	No
UiTM Johor	62.63	37.37
UiTM Kampus Dengkil	54.76	45.24
UiTM Kedah	65.03	34.97
UiTM Kelantan	62.71	37.29
UiTM Melaka	63.65	36.35
UiTM Negeri Sembilan	59.32	40.68
UiTM Pahang	62.92	37.08
UiTM Perak	58.11	41.89
UiTM Perlis	64.32	35.68
UiTM Pulau Pinang	62.27	37.73
UiTM Sabah	62.86	37.14
UiTM Sarawak	67.69	32.31
UiTM Selangor	64.75	35.25
UiTM Shah Alam	63.46	36.54
UiTM Terengganu	67.84	32.16



# OPEN & DISTANCE LEARNING FACILITIES

- 01 Internet access. 
- 02 Device facilities such as laptop or computer. 
- 03 Web camera for online video streaming. 
- 04 Data plan subscription. 

# STUDENTS' READINESS



Students readiness for Open & Distance Learning

**63% READY FOR ODL**

70.72%



Has Web Camera Facilities

27.02%



Subscribed to Unlimited Data Plan

94.56%



Have Device Facilities.

64.59%



Have Easy Internet Access.

# STUDENTS' READINESS

 Students' readiness for Open & Distance Learning

**37% NOT READY FOR ODL**

44.37%



Do Not Have  
Web Camera  
Facilities.

28.11%



Majority of the  
students have an  
internet plan less  
than 5GB.

63.81%



Do Not Have  
Device Facilities.

77.14%

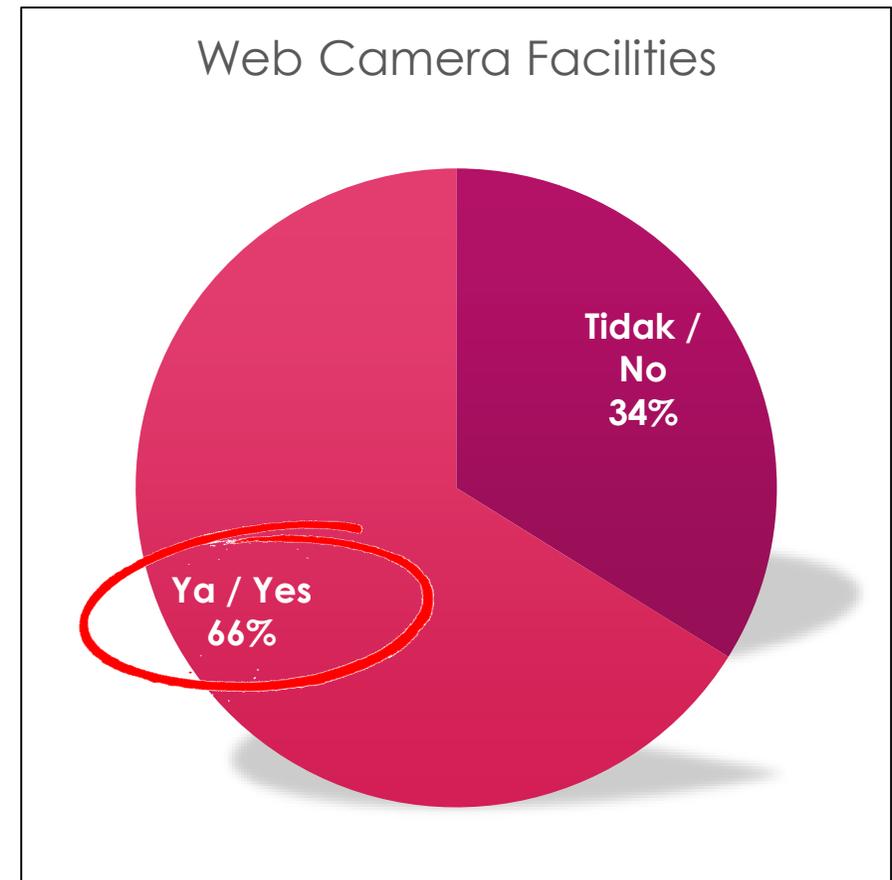
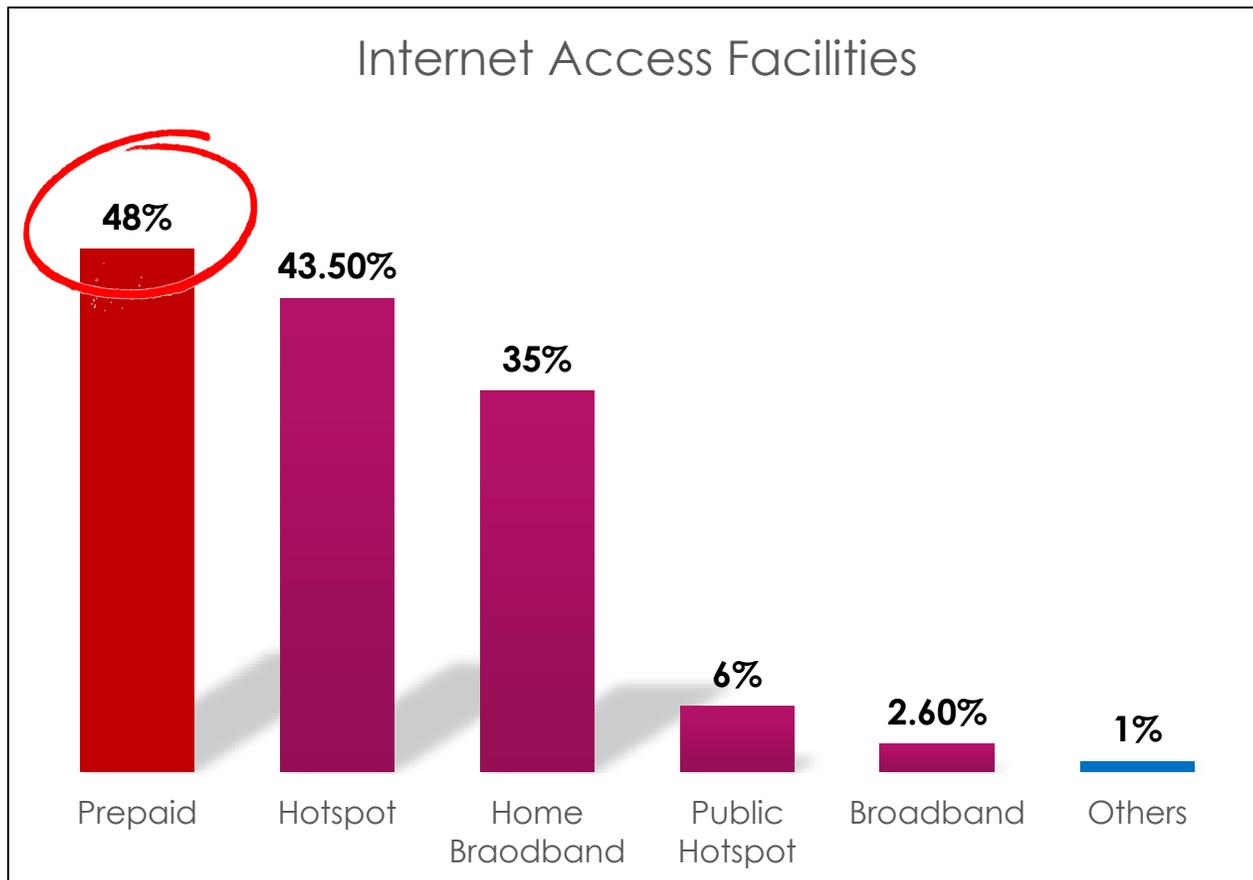


Do Not Have  
Internet Access.

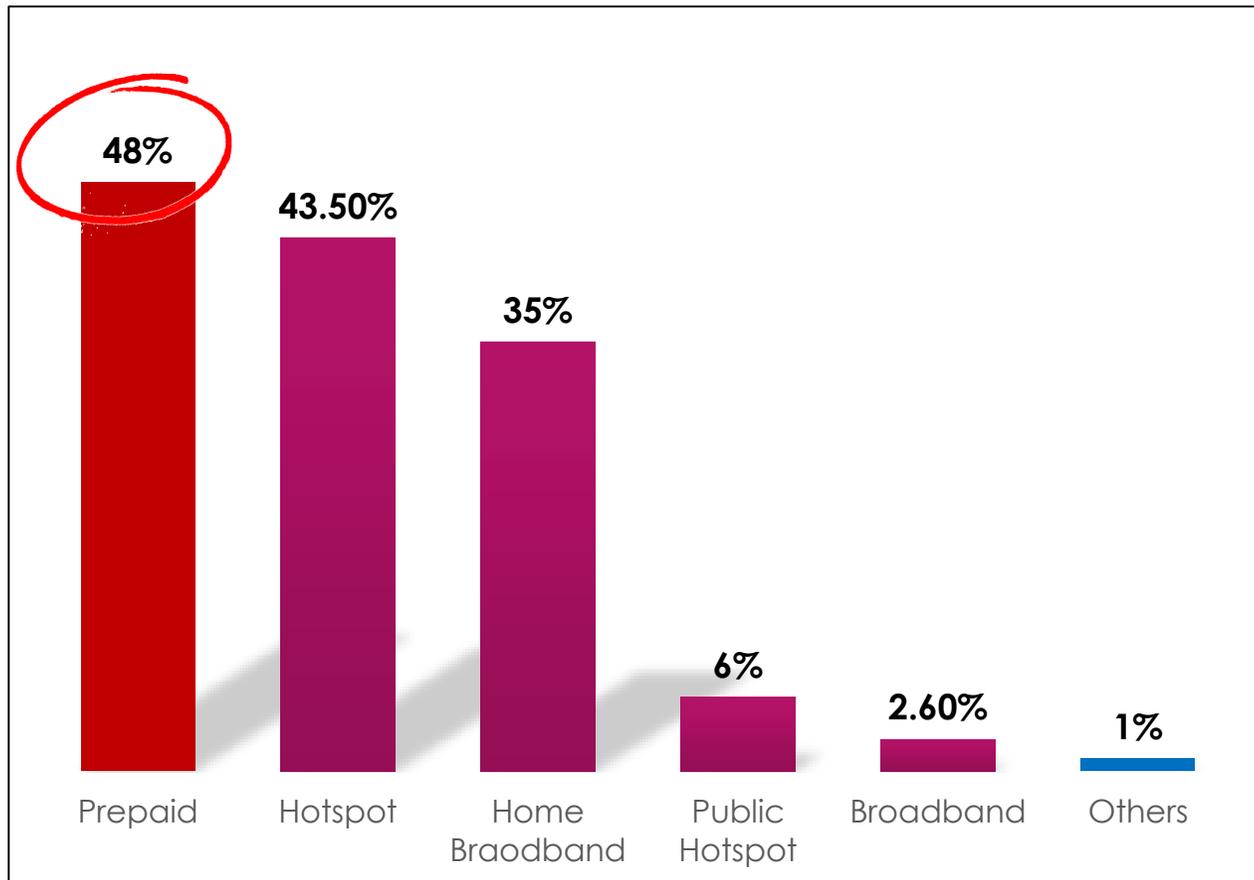
# INTERNET ACCESS & DEVICE FACILITIES FOR OPEN & DISTANCE LEARNING



# INTERNET ACCESS & DEVICES FACILITIES



# ACCESS OF INTERNET & DEVICES FACILITIES



## Internet Access Facilities

- Access of internet is the most important medium for the ease of ODL.
- Based on the graph, there are various internet access for students depending on the availability.
- Use of own internet or data is one of the best alternative for students besides public hotspot & wifi connection.

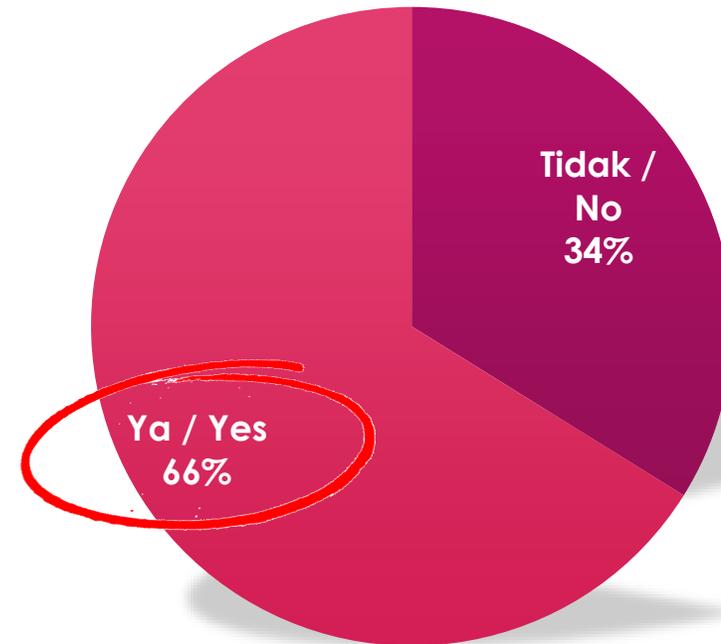
# INTERNET ACCESS & DEVICES FACILITIES



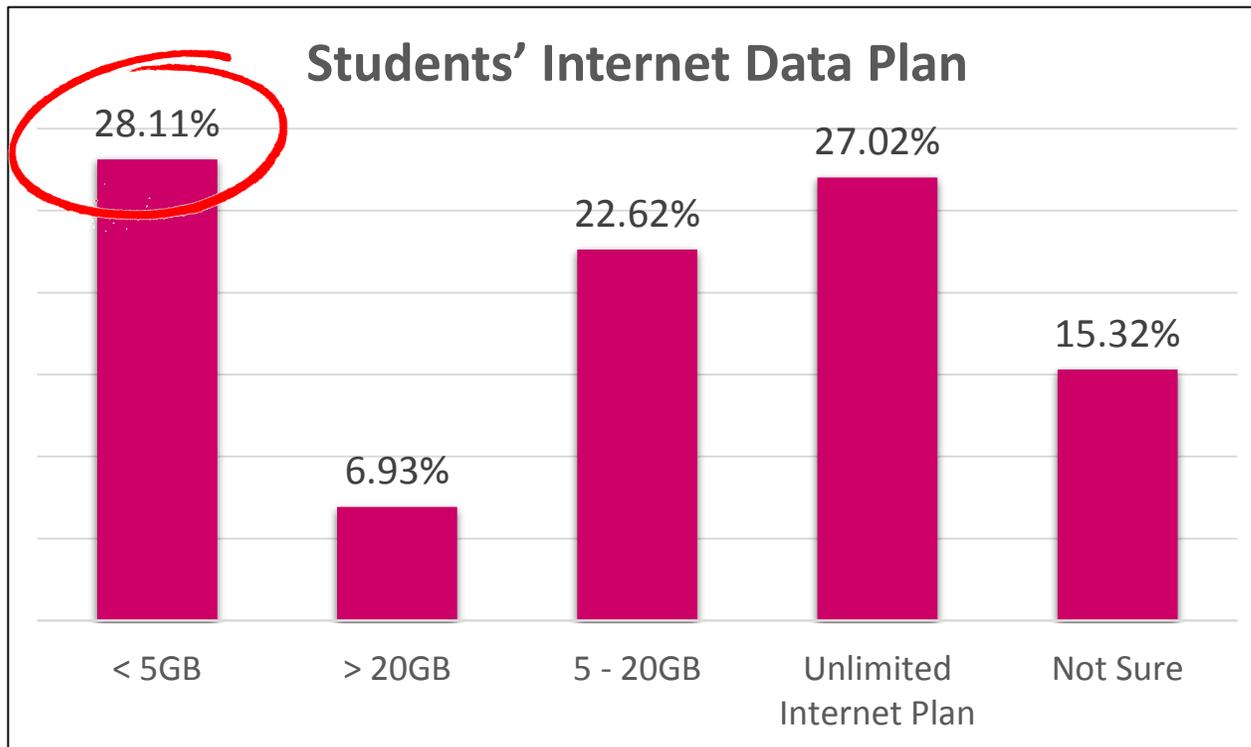
## Internet Access Facilities

- Some students may not have devices facilities which enables and facilitates them for ODL activities through online platform.
- Even though majority of the students have the web camera facilities, however from the survey, 34% students do not have this facilities.

Web Camera Facilities



# STUDENTS' INTERNET DATA PLAN



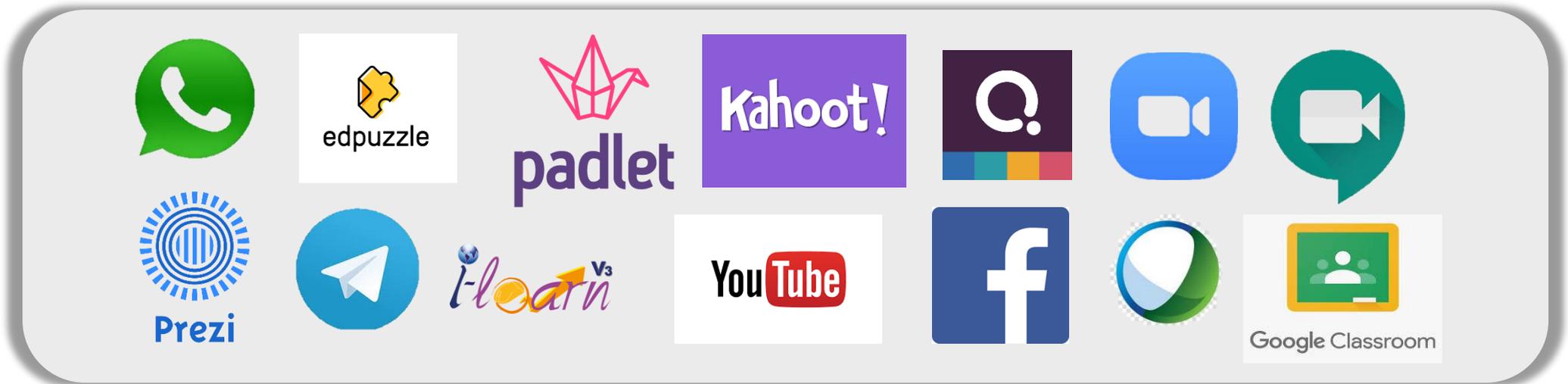
- Majority of the students (28.11%) subscribes to **less than 5GB internet plan**. This may cause the students to face difficulties during ODL.
- Total of **27.02%** students subscribes to **unlimited internet data plan** which brings easy access to the students and maximizing the use of online applications for the purpose of ODL.

# ALTERNATIVE PLATFORM FOR ODL

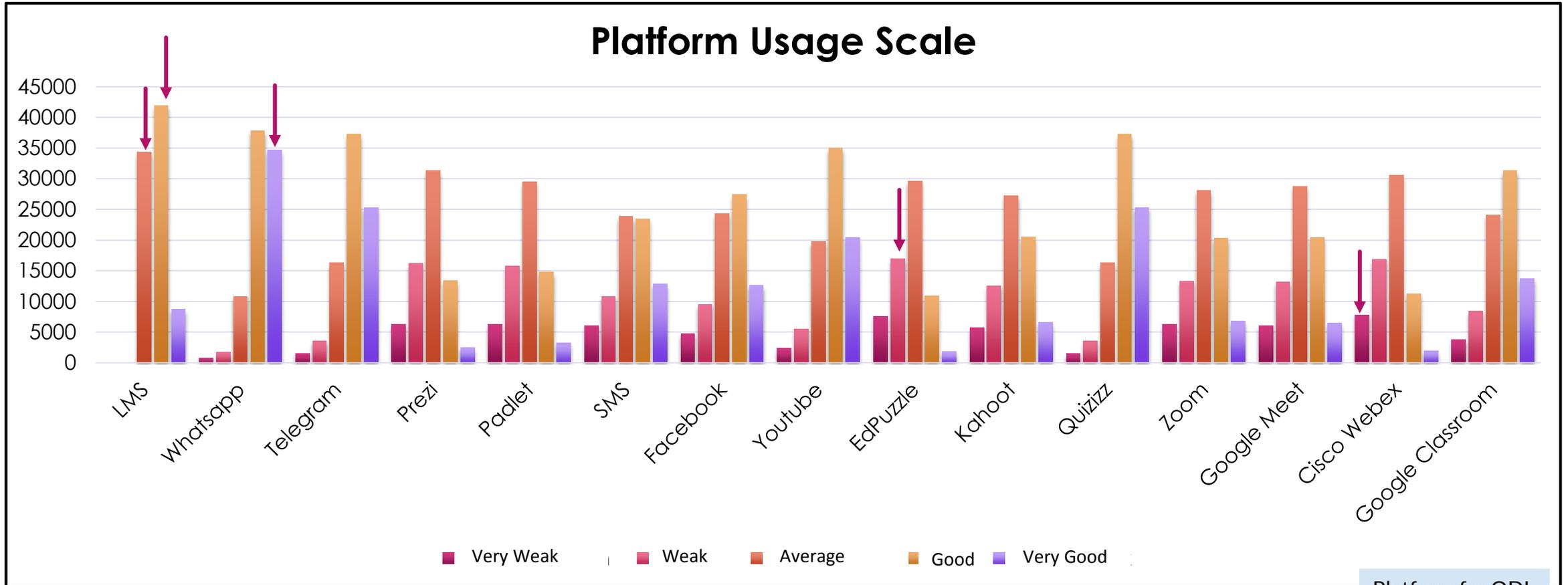


# ALTERNATIVE PLATFORM FOR ODL

- There are various alternative Open & Distance Learning platforms for the lecturers and students.
- The survey recorded students' perspective on their preferences and suitability on various ODL platforms.



# ALTERNATIVE PLATFORM FOR ODL



Platform for ODL

# THANK YOU

PREPARED BY:

CENTRE FOR INNOVATIVE DELIVERY &  
LEARNING DEVELOPMENT, ACADEMIC  
AFFAIRS DIVISION