



POSTGRADUATE WELCOMING SESSION

SEMESTER 2, SESSION 2020/2021

Presenter:
Assoc. Prof. Dr. Farazila Yusof



@engineering.unimalaya





Overview

- Universiti Malaya
- Faculty of Engineering
- Postgraduate Programmes
- Facilities
- Highlights 'Rules and Regulations'
- Registration Schedule



The King Edward VII College of Medicine was founded in 1905 to train the first Malaysian (Malayan) doctors. The College later became known as the University of Malaya in Singapore.



The University of Malaya Kuala Lumpur campus was established in 1959. The University Hospital was opened in 1968.



UNIVERSITY OF MALAYA

History

1905



King Edward VII College of Medicine, Singapore

1928



Raffles College Singapore

1949



Raffles College was merged with King Edward VII College of Medicine to become the University of Malaya.

1962



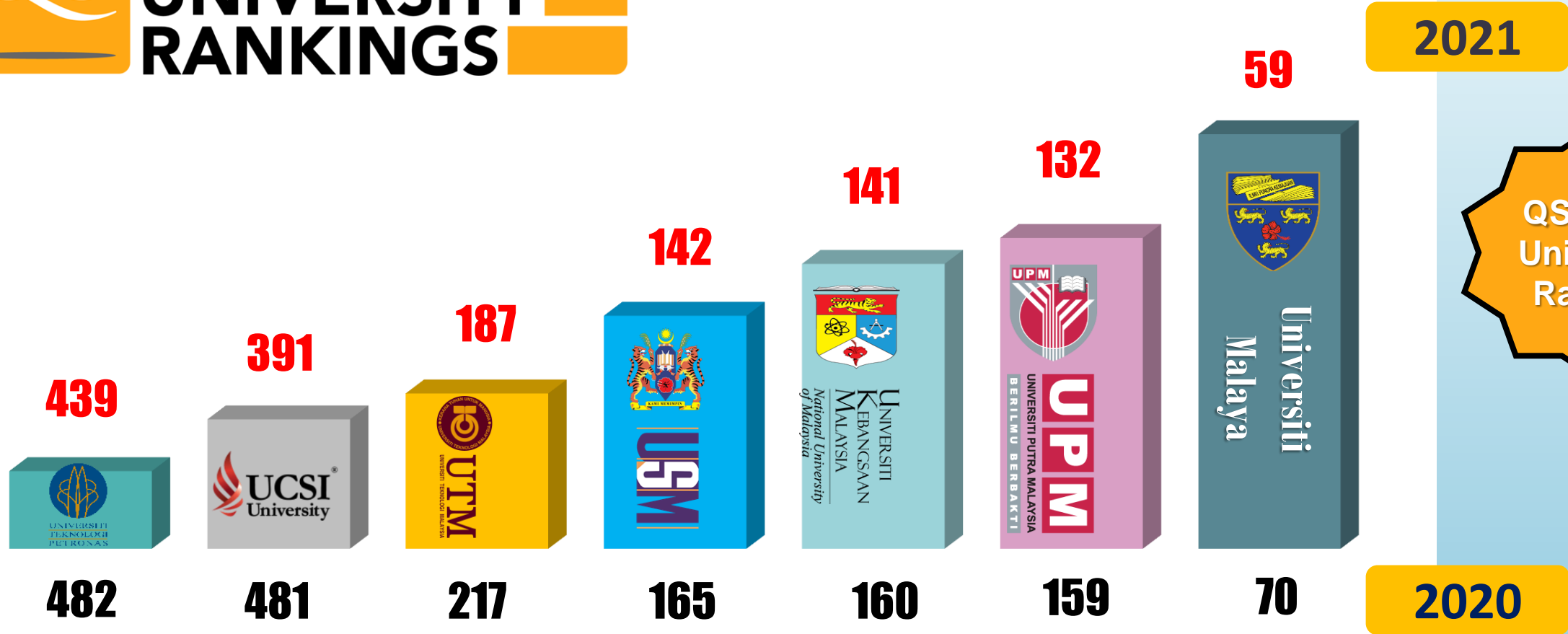
University of Singapore (now known as National University of Singapore)



University of Malaya Kuala Lumpur



QS WORLD UNIVERSITY RANKINGS

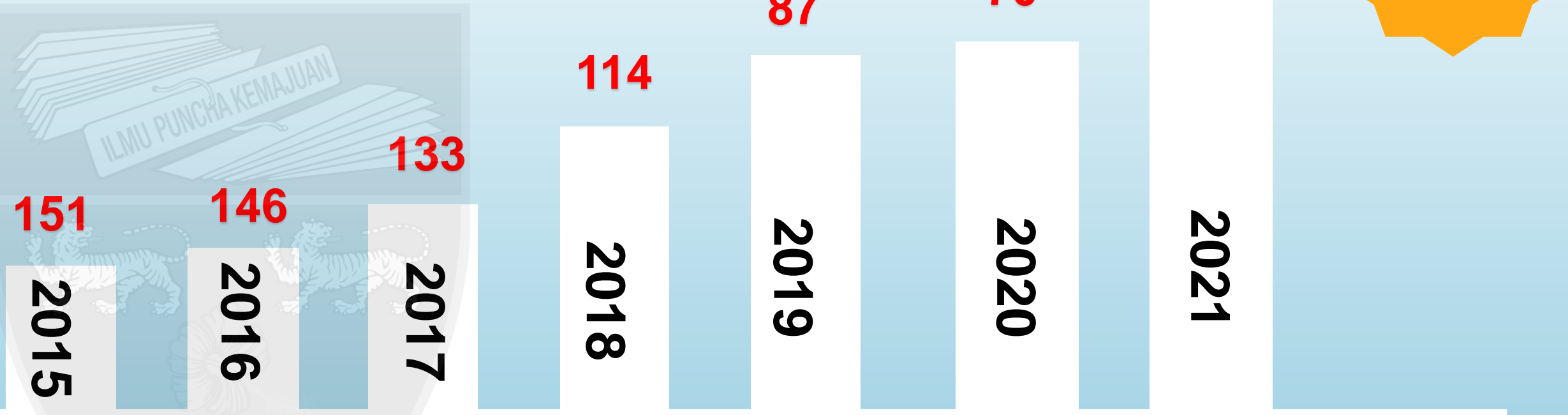


#59
QS World
University
Ranking

University Ranking

ONE OF THE

WORLD'S TOP 100 UNIVERSITIES



Since 2015, UM has always illustrated positive performance



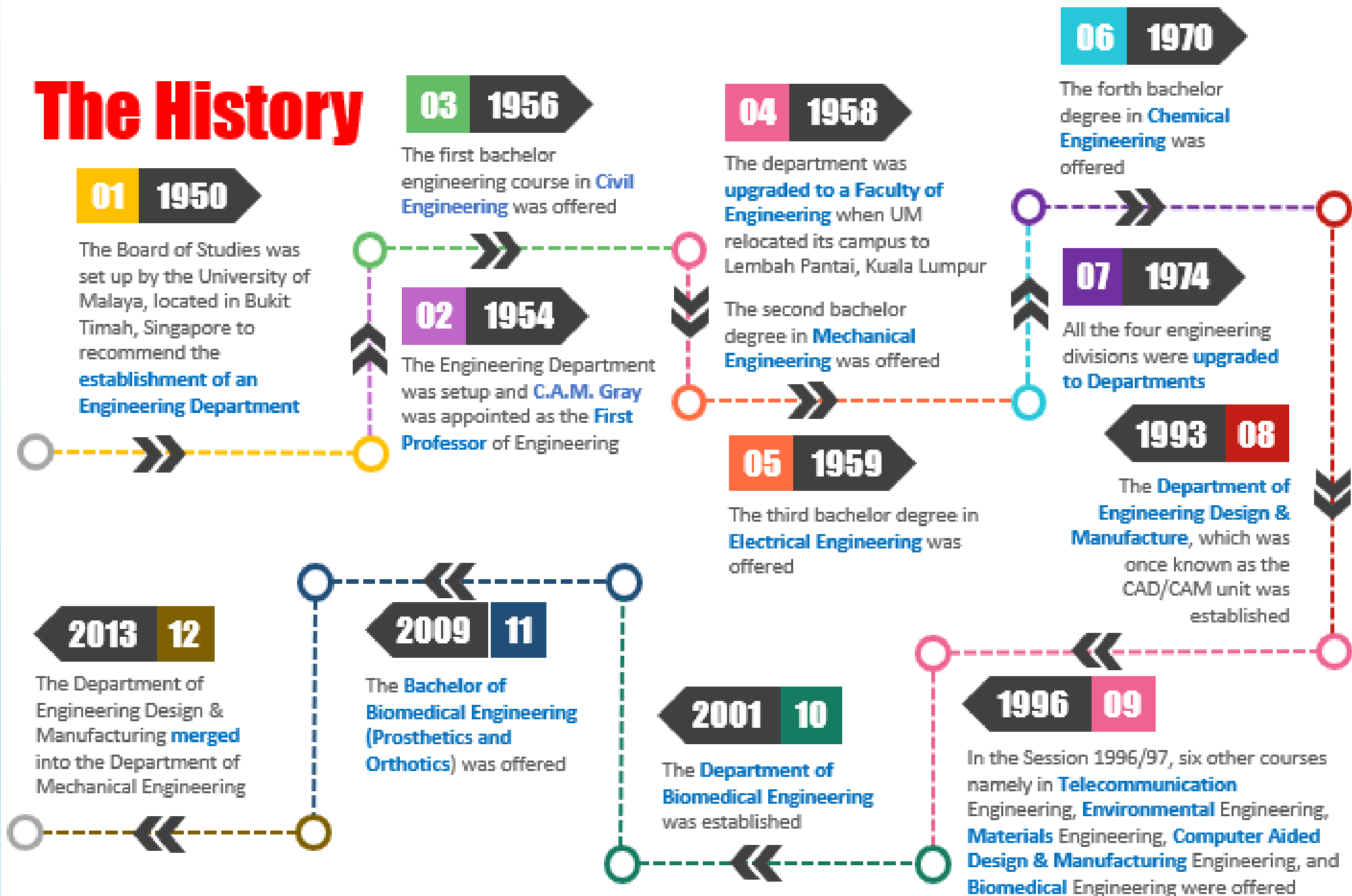
UM Ranking Performance



UNIVERSITI
MALAYA
Faculty of Engineering

Faculty of Engineering

The History



Ranking by Subject -2021 (ENGINEERING)



43
ELECTRICAL
& ELECTRONIC



WORLD UNIVERSITY RANKINGS
by subject



54
ENGINEERING &
TECHNOLOGY



WORLD UNIVERSITY RANKINGS
by subject



69
CHEMICAL



WORLD UNIVERSITY RANKINGS
by subject



51 - 100
CIVIL &
STRUCTURAL



WORLD UNIVERSITY RANKINGS
by subject



107
MECHANICAL



WORLD UNIVERSITY RANKINGS
by subject



17

FOR ENGINEERING



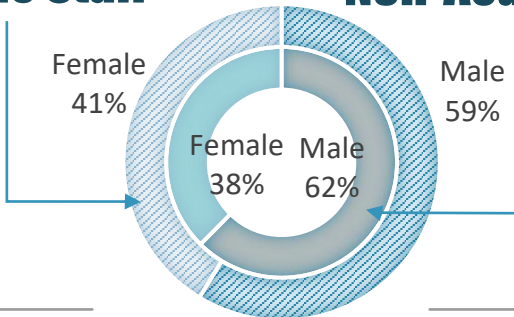
Faculty Profile



TOTAL 152
Academic staff

Male 95
Female 57

Academic Staff



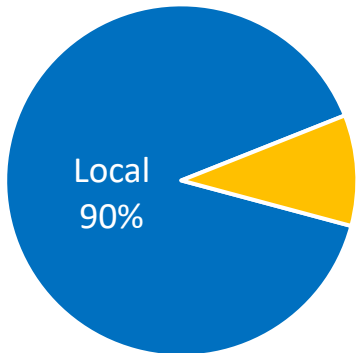
Non-Academic Staff

TOTAL 138
Non-Academic Staff

Male 81
Female 57

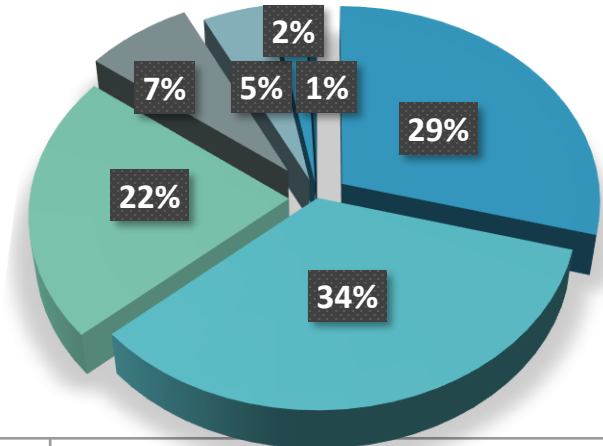


Lecturer	4
Senior Lecturer	88
Associate Professor	34
Professor	26



International (10%)

1. Egypt (1)
2. India (1)
3. Iran (4)
4. Sudan (1)
5. Algeria (1)
6. Bangladesh (5)
7. Indonesia (2)
8. Netherland (1)



- Administrative
- Technical
- Science Officer
- Information Technology
- Researcher
- Finance
- Driver

Chartered Engineer 74
Total

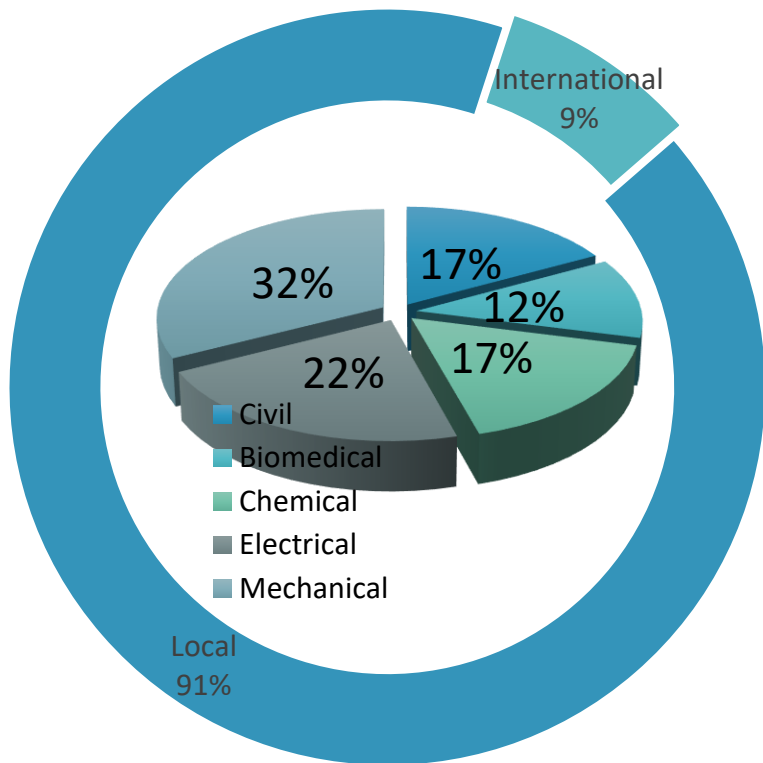
5 13 9 16 31
Civil Biomedical Chemical Electrical Mechanical

Professional Engineer 52
Total

4 10 10 14 14
Civil Biomedical Chemical Electrical Mechanical



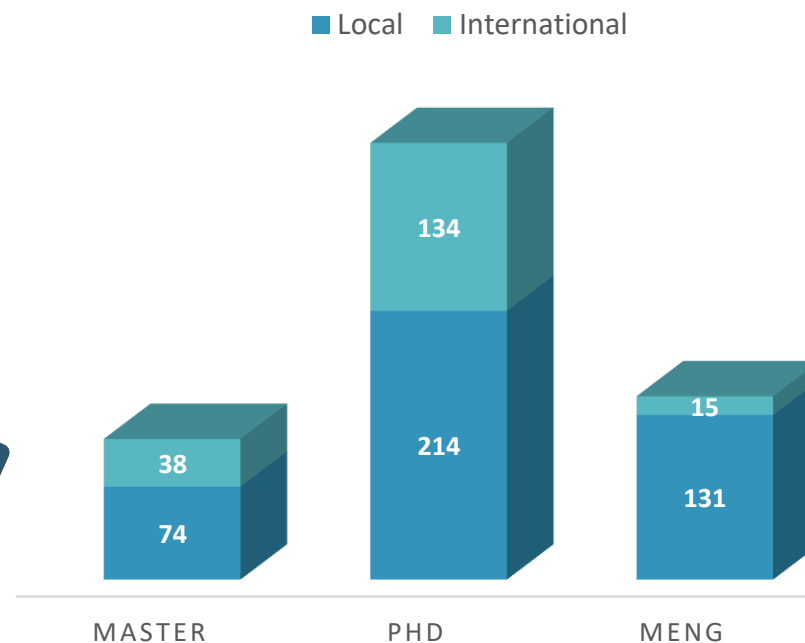
Undergraduate Students 2197



Current Students 2020



Postgraduate Students 606



International Students 189

International Students 187 (31%)



THE MANAGEMENT

FACULTY OF ENGINEERING



**UNIVERSITI
MALAYA**
Faculty of Engineering



Prof. Dr. Saad Mekhilef
Dean



**Assoc. Prof. Ir.
Dr. Suhana Mohd Said**
Deputy Dean
(Undergraduate)



**Assoc. Prof.
Dr. Farazila Yusof**
Deputy Dean
(Postgraduate)



**Assoc. Prof.
Dr. Andri Andriyana**
Deputy Dean
(Research)



**Dr. Raja Ariffin
Raja Ghazilla**
Deputy Dean
(Development)



Dr. Juliana Usman
Head of Dept.
Biomedical Engineering



**Assoc. Prof. Ir.
Dr. Ngoh Gek Cheng**
Head of Dept.
Chemical Engineering



**Assoc. Prof. Ir. Dr. Faridah
Othman**
Head of Department
Civil Engineering



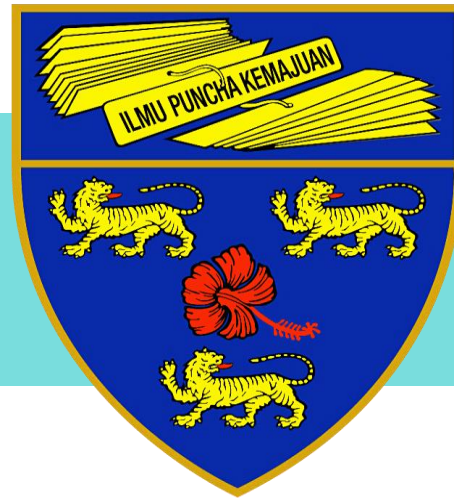
**Assoc. Prof. Ir.
Dr. Chow Chee Onn**
Head of Department
Electrical Engineering



**Assoc. Prof. Datin Ir. Dr.
Bushroa Abdul Razak**
Head of Department
Mechanical Engineering

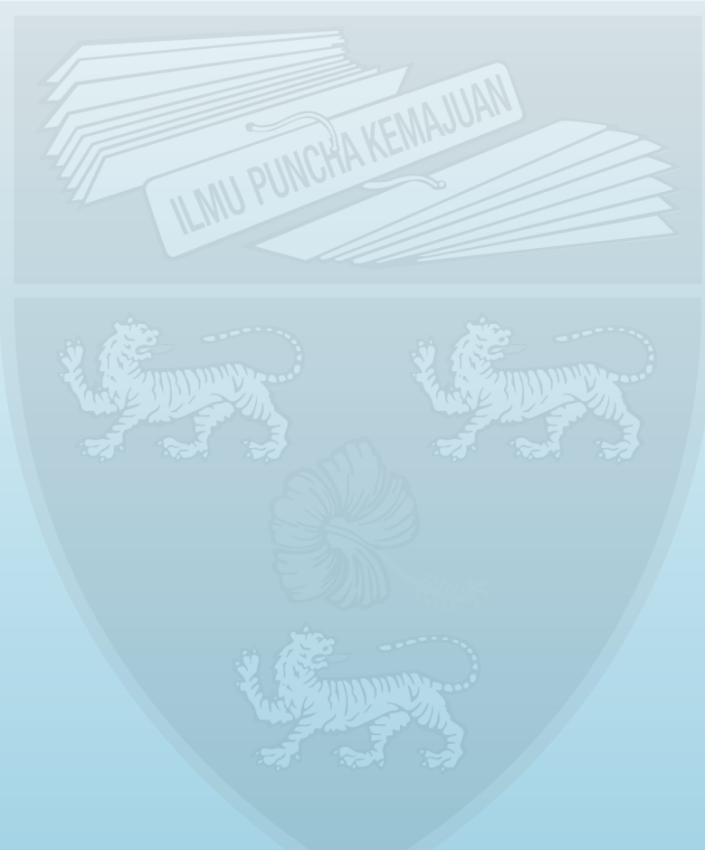


**Mdm. Noor Lailatul
Marini Kamal Amir**
Principal Assistant
Registrar



POSTGRADUATE PROGRAMMES

engineering@UM



PROGRAMMES OFFERED SESSION 2020/2021

- Master by Coursework

Master of Biomedical Engineering

Graduates of this program will address biomedical related matters such as physicians, research scientists, sales and field engineering, designers, or testing of biomedical devices such as prosthetics and orthotics or design engineers of circuits and computer software for medical instrumentation.

Master of Safety, Health & Environment Engineering

Graduates of this Program are expected to be able to address challenges relevant process, occupational and environmental safety and health found in various industrial aspects including oil and gas, semiconductor, plastics, automotive, energy and manufacturing

Master of Mechanical Engineering

This course offers a wide variety of careers and specialties — from pure mechanical, manufacturing, automotive, energy to aerospace.

Coordinators



Ir. Dr. Lai Khin Wee



**Ir. Dr. Jegalakshimi
Jewaratnam**



Ir. Dr. Ong Zhi Chao

Learning Outcomes

Demonstrate continuing and advanced knowledge and have the capabilities to further develop or use these in new situations or multi-disciplinary contexts;

Analyse and evaluate problems in the discipline critically particularly in situations with limited information and to provide solutions through the application of appropriate tools and techniques;

Appraise available information and research evidence and apply it in engineering context;

Plan and perform research undertakings professionally, ethically and responsibly;

Report technical findings in both written and oral forms; and

Recognize the needs for continuing professional development.

Program Structure

- **Master of Biomedical Engineering**

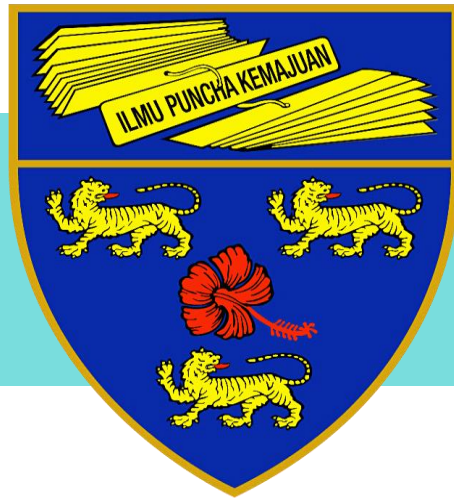
COURSE	CREDIT
Core Courses	21
Elective Courses	9
Research Project	12
TOTAL CREDITS	42

- **Master of Mechanical Engineering**

COURSE	CREDIT
Core Courses	18
Elective Courses	12
Research Project	12
TOTAL CREDITS	42

- **Master of Safety, Health and Environment Engineering**

COURSE	CREDIT
Core Courses	21
Elective Courses	12
Research Project	10
TOTAL CREDITS	43



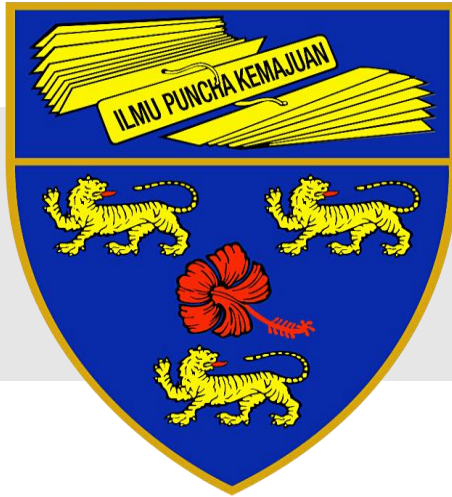
Facilities

engineering@UM

Lecture Hall and Rooms

Lecture Hall	No of Rooms	Capacity
Auditorium	2	200 - 400 pax
Lecture Hall	9	100 – 240 pax
Tutorial Room	11	80 pax
The Cube	12	40 – 50 pax
Computer Labs	7	30 – 60 pax
Teaching and research labs	180	





RULES & REGULATIONS HIGHLIGHTS

University of Malaya Rules (Master's Degree) 2019
University of Malaya Regulations (Master's Degree) 2019

DURATION OF WITHDRAWAL

DOCTORAL

MASTER'S

WITHDRAWAL FROM SEMESTER

Category	Normal Semester	Special Semester	Fee Charges	Calculated for the Duration of Study	Grade
Personal Reason*	Week 1 - 2	Week 2	No	Yes	-
	Week 3 - 7	Week 2	Yes	Yes	Grade W1
Mobility Programme Reason*	Week 1 - 2	Week 1 - 2	No	No	Grade W3
	Week 3 - 14	Week 3 - 7	Yes	No	Grade W1
Medical Reason*	Week 1 - 7	Week 1 - 3	No	No	Grade W3
	Week 8 - 14	Week 4 - 7	Yes	No	Grade W1

Note: *Candidate who withdraws from a semester will be charged a minimum payment to retain the candidature.

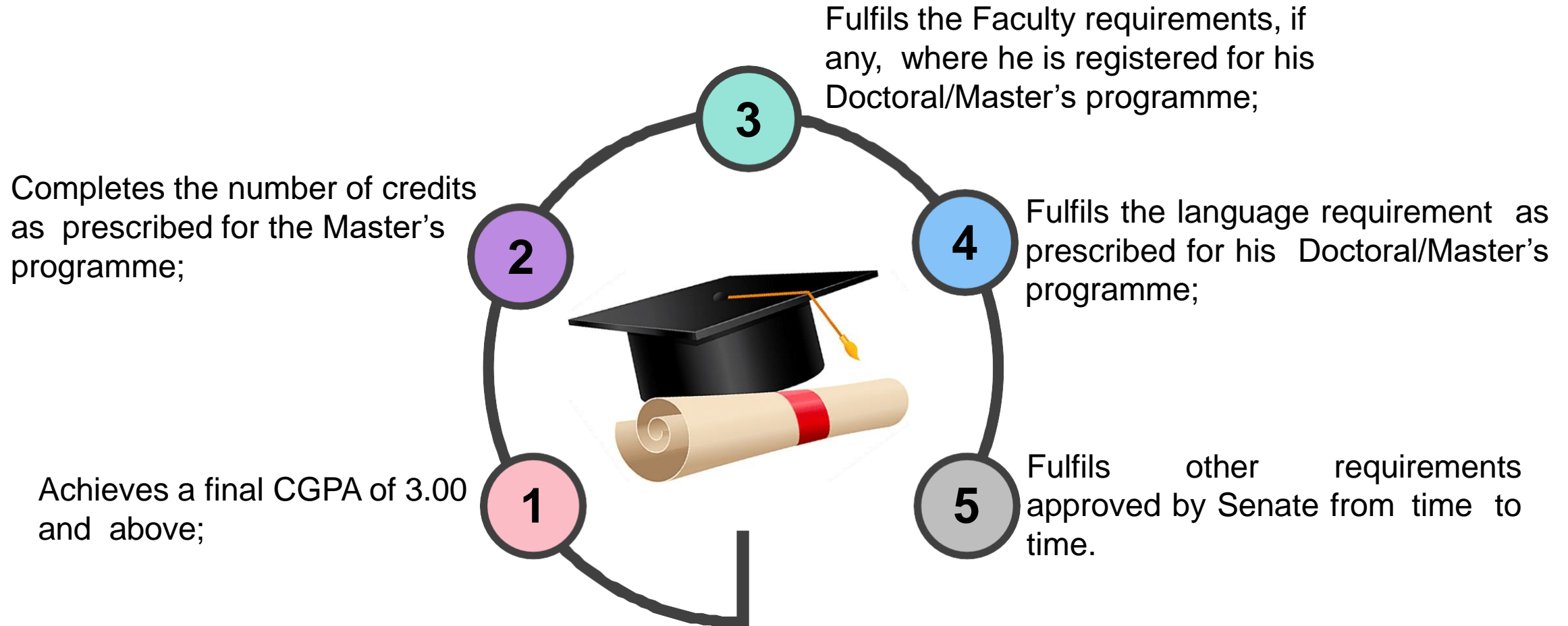
MARKING SCHEME AND GRADE POINT AVERAGE

MARKS	GRADE	GRADE MARKS	MEANING
90 – 100	A+	4.0	High Distinction
80 – 89	A	4.0	Distinction
75 – 79	A-	3.7	
70 – 74	B+	3.3	Pass
65 – 69	B	3.0	
60 – 64	B-	2.7	Fail
55 – 59	C+	2.3	
50 – 54	C	2.0	
45 – 49	C-	1.7	
40 – 44	D+	1.5	
35 – 39	D	1.0	

CRITERIA IN SUMMATIVE ASSESSMENT

University of Malaya Examination
Methods (Master's Degree) 2019
University of Malaya Examination Rules
(Master's Degree) 2019

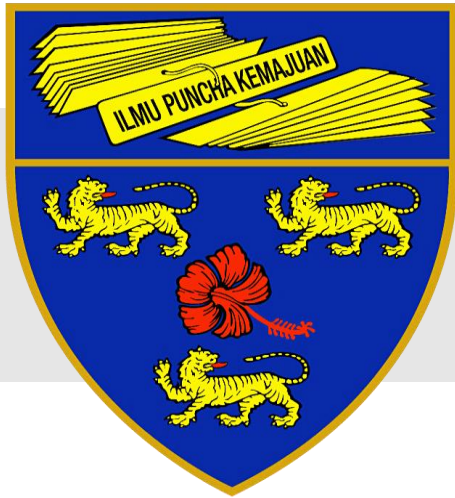
GRADUATION – Programme of Study by Coursework



GRADUATION – With Distinction

MASTER'S BY COURSEWORK

- a) achieved a final CGPA of 3.70 and above;
 - b) **never** failed any courses;
 - c) Never repeated any courses throughout his programme of study;
 - d) completed the programme of study for the coursework component within a period not exceeding 4 Semesters from the date of the candidate's initial registration with the exception of candidates pursuing Master of Business Administration and Masters of Architecture, completed the programme within a period not exceeding 5 semesters.
-



Important Points

Important Points

Research Project

*Appointment of supervisor
Confirmation of title
Datelines of submission*

Research Methodology Class

Join the class that is provided for your mode of studies only.

Plan your schedule for examinations

Avoid requesting special date of exam as it will affect on other students

Bahasa Malaysia Course

International student must fulfill the course before graduation (details in your offer letter)

Enrolment Status

*Ensure you have done Confirmation of Registration and your status is **ACTIVE***

Add and Drop Courses

*Add and drop courses can be done until **Week 2 (19.03.2021)***

Confirmation Letter for Visa

*Apply at least **ONE MONTH** before the expiry date of Visa **(NO Last Minute!)***

Siswamail

Activate your siswamail and check regularly. Only use your siswamail to check /send emails.

Teaching and Learning

*Given the current health situation, the teaching and learning activities will be conducted online and the e-Learning mode will be in operation **until further notice***

please go to

<https://umacademic.um.edu.my/news/reminder-elearning> for latest information on e-Learning).

REGISTRATION

REGISTRATION DATES FOR POSTGRADUATES (BY COURSEWORK)

Online Registration
(Self-Enrolment)

2 March –
22 March 2021

Online Module
Registration

2 March –
22 March 2021

Confirmation of Modules

18 March – 22 March
2021

via Maya Portal at <https://maya.um.edu.my>

If you have any technical questions about the Module Registration for Semester 2, 2020/2021 Academic Session, please login to your Maya account, go to Enquiries tab

If you have any issue related to login, do visit [UMSITS FAQ](#)

REFERENCE

MAYA PORTAL ACADEMIC SESSION | NEW STUDENTS SELF-ENROLMENT 2020/2021 & MODULE REGISTRATION

PART 1: SELF-ENROLMENT

SELF-ENROL

- Log in to maya.um.edu.my
- Use kemasukan UM/ MAYA username & password
- Go to Admission menu & confirm all the checklist given
- Confirm self-enrolment

24th September 2020 - 5th October 2020 (Local Undergraduate)
5th October 2020 - 9th October 2020 (International Undergraduate & Local and International Postgraduate)

CREATE SISWAMAIL

- Go to siswa.um.edu.my
- Click New Registration & follow the instructions accordingly
- Activation of siswamail account will take 5 - 60 minutes

PART 2: MODULE REGISTRATION

LOG-IN TO MAYA WITH SISWAMAIL CREDENTIALS

- Go to maya.um.edu.my
- Username: Siswamail_Username@perdana.um.edu.my
Password : Siswamail Password

SELECT SPECIALISATION

- Select & confirm programme specialisation
- Only applicable for programme Bachelor of Science with Education & Bachelor of East Asian Studies
- Programme without specialisation proceed to step 5
- The chosen specialisation will be approved by faculty admin before module(s) registration begins

UPDATE PERSONAL DETAILS

- Fill-in all required compulsory details
- Click 'UPDATE' button

REGISTER MODULE(S)

- Select & register module(s) based on programme structures / programme (DIET)
- Maximum credit hours registered will be capped automatically by the system (maximum of 22 credit hours)
- Add/drop of module(s) can be done until Week 2 (26th October 2020)

6th October 2020 (Local & International Undergraduate)
5th October 2020 (Local & International Postgraduate)

GENERATE PRE-INVOICE (CONFIRM REGISTRATION)

- Pre-invoice tuition fees will auto-generate as module registration is performed
- Click either 'PAY NOW' / 'PAY LATER' to complete & confirm your module registration

22nd October 2020 - 26th October 2020 (Week 2)

COMPLETED MODULE(S) REGISTRATION

- Your status for this semester is now activated

IMPORTANT NOTES:

- Modules refers to subject of a particular student programme.
- Siswamail refers to UM student mail account

MAYA PORTAL

SEMESTER II
2020/2021

MODULE REGISTRATION &
REGISTRATION CONFIRMATION
(ENROLMENT ACTIVATION)
POSTGRADUATE STUDENTS

MODE OF STUDIES	MODULE REGISTRATION		REGISTRATION CONFIRMATION (ENROLMENT ACTIVATION)	
	START	END	START	END
New Students (Research)	2 March 2021 (8:30 am)	18 June 2021 (11:59 pm)	2 March 2021 (8:30 am)	18 June 2021 (11:59 pm)
New Students (Coursework & Mixed Mode)	2 March 2021 (8:30 am)	22 March 2021 (11:59 pm)	18 March 2021 (8:30 am)	22 March 2021 (11:59 pm)
Existing Students (Research)	4 March 2021 (8:30 am)	22 March 2021 (11:59 pm)	4 March 2021 (8:30 am)	22 March 2021 (11:59 pm)
Existing Students (Coursework & Mixed Mode)	4 March 2021 (8:30 am)	22 March 2021 (11:59 pm)	18 March 2021 (8:30 am)	22 March 2021 (11:59 pm)

Note: Students who have not Confirm the Module Registration (Enrolment Activation) after 22nd March 2021 will be blocked from accessing the SPECTRUM

Thank
you

