



# PROMOTING RESEARCH CULTURE AND INTERNATIONAL COLLABORATION

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## INTRODUCTION



- Research is deemed to be of more value when it rightly augments the development processes
- Research is all the most important in today's era as the society today is knowledge grounded



## **AT COLLEGES AND DEPARTMENTS WITHIN UNIVERSITIES LEVEL**

**Successful development of a culture of research within a teaching-focused academic unit will include the introduction of education, formation, and funding opportunities for faculty members.**

**These may include:**

- ☐ **Mentoring programs;**
- ☐ **Continuing education courses;**
- ☐ **Grant-writing support;**
- ☐ **Research funding; and**
- ☐ **Support for terminal degree attainment.**



## **AT COLLEGES AND DEPARTMENTS WITHIN UNIVERSITIES LEVEL**

- Making international collaboration part of a university's culture requires means of supporting it at the level of the institution's various departments.
- Giving a specific office within the university responsibility for functions related to international research collaborations creates a central place for faculty wanting to participate in or learn about international collaborations



The diagram illustrates the various levels at which research culture is promoted in UMM. It features a vertical stack of five horizontal arrows pointing to the right, each representing a different level. The arrows are colored yellow, green, beige, orange, and red from top to bottom. The top arrow is the shortest, and each subsequent arrow below it is longer, creating a descending staircase effect. The text 'Promoting Research Culture in UMM at various level' is enclosed in a rounded rectangle at the top left, with an orange arrow pointing towards it from the left edge of the slide.

**Promoting Research Culture in UMM at various level**

**Curriculum Level**

**Undergraduate Student Level**

**Postgraduate Student Level**

**University Level**

**National Level**



# **Curriculum Level**

## **Research Culture & Skill Module**

### **Year 1**

- 1. Understand the scientific methods in research**
- 2. Synthesize and critique scholarly literature**

# Curriculum Level

## Research Culture & Skill Module

### Year 2

1. Recognize ethical standards and safety/regulatory issues when working with human patients, animal subjects, and hazardous materials
2. Understand the ethical and governance issues involved in medical research.
3. Describe the scientific methods in research, develop an appropriate scientific research design with statistically sound strategies



# Curriculum Level

## Research Culture & Skill Module

### Year 3

1. Understand the research protocol
2. Critique scientific literature on the chosen research topics
3. Identify a topic of personal interest and focus that topic into one or more medical- related research questions
4. Understand responsible conduct of research





# **Curriculum Level**

## **Research Culture & Skill Module**

### **Year 4**

- 1. Understand the project management**
- 2. Develop a scientific research protocol**
- 3. Develop research proposal**

# Curriculum Level

## Research Culture & Skill Module

### Year 5

1. Demonstrate an ability to collect data to answer a question, test a hypothesis, solve a problem, assess the efficacy of a project
2. Demonstrate effective communication skills when discussing research ideas and communicating project plans in oral presentations
3. Demonstrate the ability to effectively present, discuss, and scientifically defend research findings and publication

# Undergraduate Students Level

1<sup>st</sup> MBBS

## Group Poster Presentation in English Language ( Pamphlet Creation )



# Undergraduate Students Level <sup>2nd</sup> MBBS



Biochemistry

Importance of  
Membrane  
Potential &  
it's  
Significances



# Undergraduate Students Level

3<sup>rd</sup> MBBS



# Undergraduate Students Level

**Final Part 1**



# Postgraduate Students Level

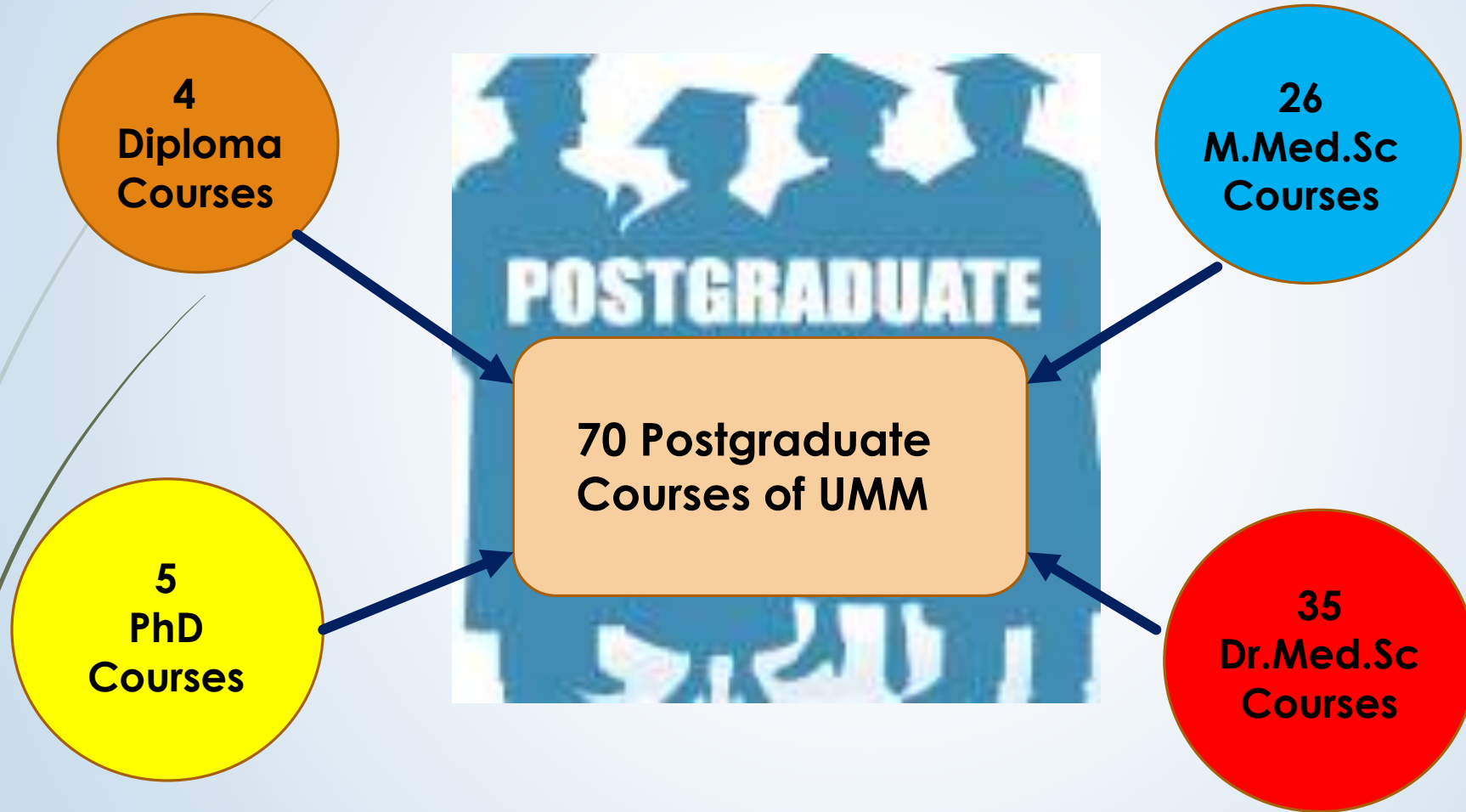
## Postgraduate Courses of UMM

1. Diploma Course	4 courses
2. M.Med.Sc Course	26 courses
3. PhD Course	5 courses
4. Dr.Med.Sc Course	35 courses

**Total postgraduate courses = 70 Courses**



# Postgraduate Students Level



**Postgraduate Training Courses of UMM**

# Postgraduate Students Level

## M.Med.Sc Protocol Board Meeting



# Postgraduate Students Level

## PhD Protocol Board Meeting





# Postgraduate Students Level

## Doctorate Thesis Defend



## Postgraduate Students Level

### Yearly Output of Dissertations and Thesis Papers

Year	M.Med.Sc Dissertations	PhD Thesis	Doctorate Thesis	Total
2019	252	9	36	297
2018	177	4	12	193
2017	143	8	14	165
2016	91	3	17	111
2015	128	3	14	145
2014	138	7	8	153

## Postgraduate Students Level

## CRL of UMM



## AT THE INSTITUTIONAL LEVEL

**Successful institutions should provide significant support to faculty research efforts**

***Research-centered institutions provide supports including:***

- ☐ Effective Leadership and Clear Goals;
- ☐ Faculty Training and Support Programs;
- ☐ Research Centers;
- ☐ Recognition of Research Production;
- ☐ Encouragement of Faculty Collaboration;
- ☐ Balanced Teaching and Research Responsibilities; and
- ☐ Pay that is Commensurate with Expectations.



## University Level

### MOU with Lamp Medical Aid, Korea for Faculty Supports



## University Level

MOU with Northern Illinois University, Dekalb, Illinois, USA for Joint Research





## University Level

## MOU with JIMCO, Japan for Collaborative Work



## University Level

Visit of Chulalongkon team to UMM  
For Collaborative Research





## University level

**Prof. Okada** from Okayama University of Japan come to UMM and discuss with Faculty members for further Collaborative Research between two Universities



## University level

Chaing Mai Medical University Team Visit to UMM  
for Collaborative Research



## University level

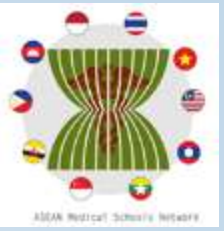
### Evidence Base Clinical Practice Workshop at UMM





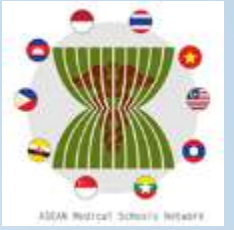
# University Level

## Attending 4<sup>th</sup> AMDS at Phillipine



## University Level

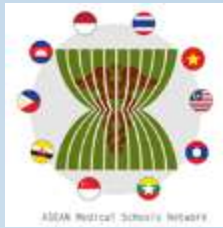
## Attending 5<sup>th</sup> AMDS at Indonesia





# University Level

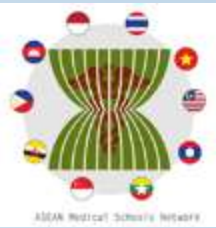
## Hosting 6<sup>th</sup> AMDS at UMM, Mandalay



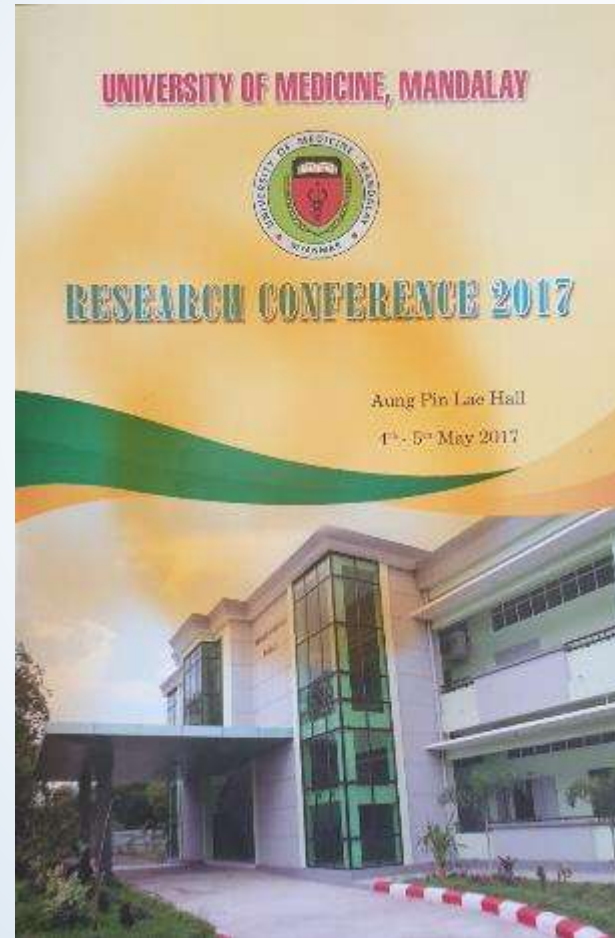


# University Level

## Attending 7<sup>th</sup> AMDS at Vietnam



# University Level





# University Level

## UMM research Conference 2018





# University Level

## UMM Research Conference 2019





## University Level



Essential  
Basic  
Action  
Plan for  
Research  
Capacity  
Building  
in  
University



## **AT NATIONAL AND PROFESSIONAL ORGANIZATIONS LEVEL**

Institutions support the development of faculty networks through activities including:

- ☐ Sponsoring faculty participation in research activities;
- ☐ Hosting conferences and symposia; and
- ☐ Establishing institutional relationships with other universities, professional associations, and government bodies.

# National Level

## Responsible Conduct of Research and Research Methodology Workshop





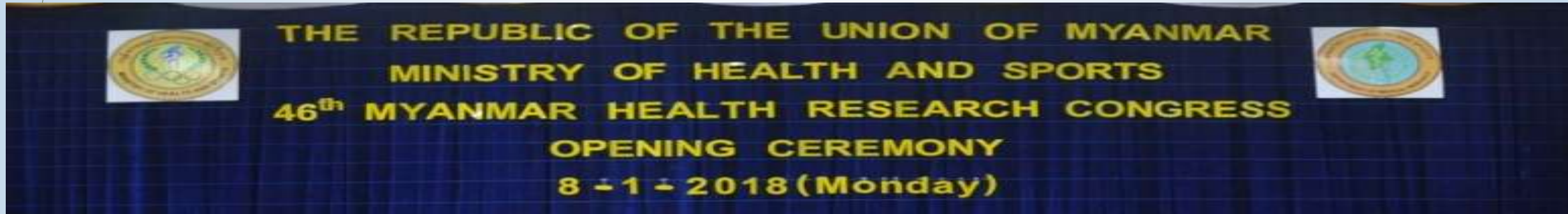
## National Level

Training Workshop on Responsible Conduct of Research  
and Research Ethics



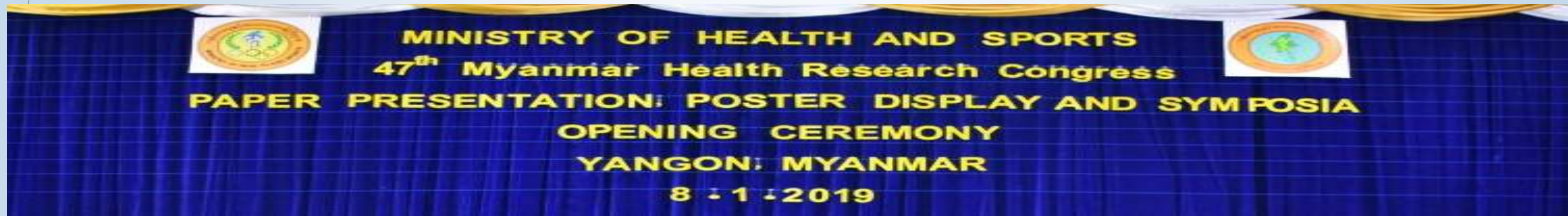


# National Level





# National Level



## National Level

Union Minister Dr. Myint Htwe receives Japan House of Councilor and Patron of Japan-Myanmar Association Mr. Hideo Watanabe and party for Collaboration work





## National Level

Union Minister Dr. Myint Htwe receives the officials from DMR and research scientists from Miyazaki University, Japan for presentation of collaborative research activities





## National Level

Union Minister Dr. Myint Htwe attends the Signing Ceremony of MoU between National Health Laboratory and Niigata University, Japan



## National Level

Union Minister Dr. Myint Htwe discusses with the officials concerned for better improvement of National Health Laboratory

