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# **Khesar Gyalpo University of Medical Sciences of Bhutan**

## **ANNUAL REPORT**

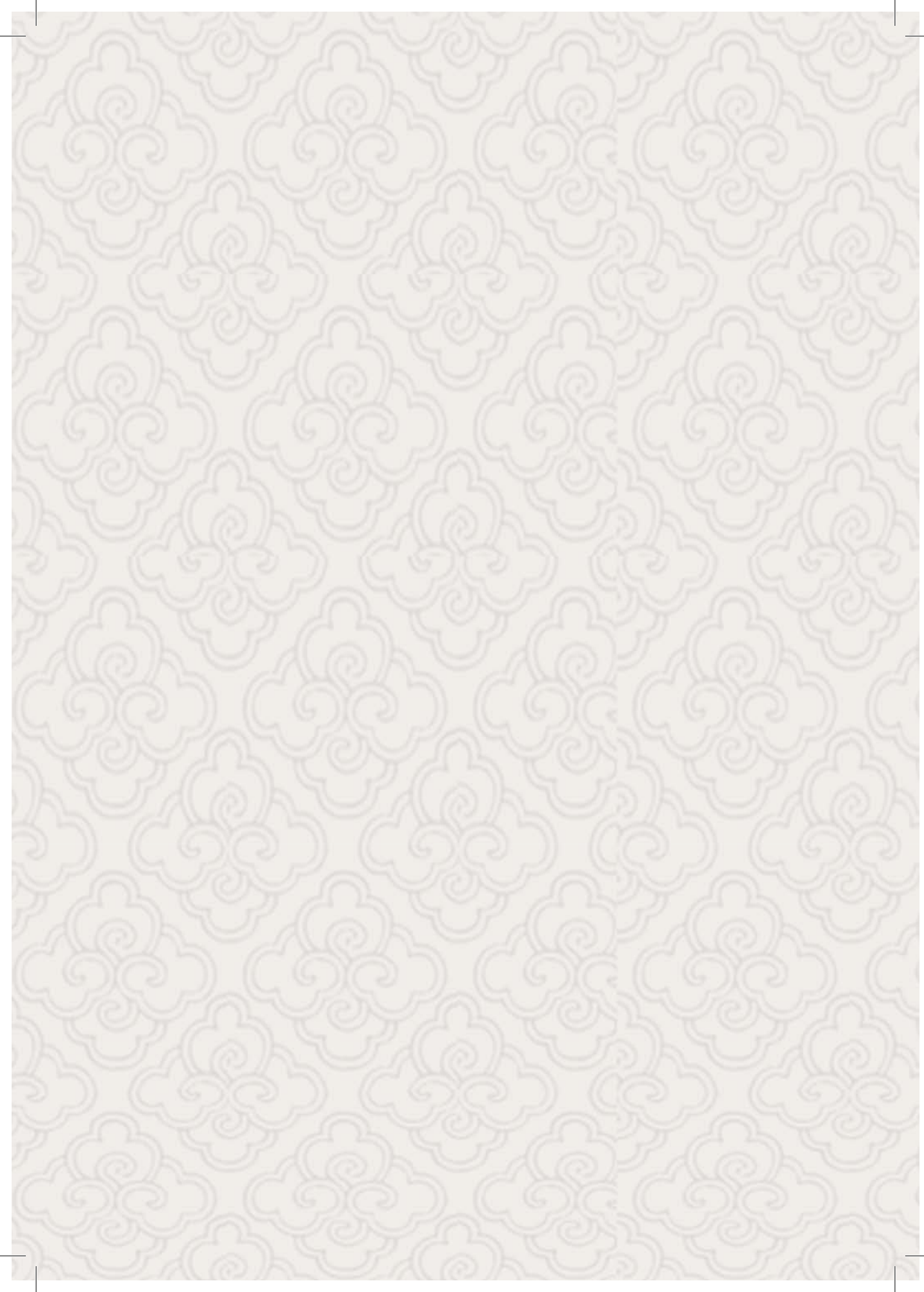
### **2018 - 2019**

*“For sustainable development and dynamic economic growth, first and foremost, our people must enjoy good health. Therefore, it is our collective responsibility to formulate intelligent and innovative plans and policies, to ensure that the people of Bhutan will always have equal access to quality healthcare”.*

**At 1<sup>st</sup> Convocation of Khesar Gyalpo University of  
Medical Sciences of Bhutan**









## MESSAGE FROM GOVERNING COUNCIL CHAIR

The Khesar Gyalpo University of Medical Science of Bhutan was established with a dream to create an independent core of Medical Education and be the one stop solution to every aspect of rigorous health policy in the Country. Since then, the primary task of the University has been to provide quality medical and health education in Bhutan to address the shortage of healthcare workers and to address long-term needs of training of healthcare workforce at various levels (Diplomas, Bachelors to Masters degrees, and provision of continued medical education and specialized short-term trainings).



Over the years, the University has demonstrated significant achievements placed on excellence in innovation in teaching methodologies, patient care and quality improvement in clinical research. As the University accomplishes its goals and mission, both the Government and the University will be able to reach and grasp our shared vision of ensuring equal access to quality specialist services for all people.

It's an honour to have been invited to represent the University as the Chairperson of the University Governing Council. To cope with far-reaching changes that are taking place globally in science and practice of medicine; concerns about the costs of health care; increasing demands on quality health care services and to update in medical trend, a new set of skills will be needed to evaluate and apply this knowledge. Therefore, strengthening of the Medical University will bring about improvement in the delivery of health care services.

I would like to compliment the Khesar Gyalpo University of Medical Sciences of Bhutan for their foresight. KGUMSB has been able to address the critical shortages of healthcare workers, meet the demand of continued medical education and professional development trainings, and strengthen health research capacity to generate evidence for making informed health related policy decisions and intervention strategies.

**Dr. Lyonchhen Lotay Tshering**  
**Chairperson**  
**Governing Council**

## MESSAGE FROM PRESIDENT

It gives me immense pleasure as a President of the University to present the University Annual Report for the fiscal year 2018-2019. As the country's only medical university, our university has been focused on the improvement and promotion of health education, research, and clinical services. The University is committed to providing a high standard of medical education and training to all types of health professionals. We also strive to provide excellent educational opportunities for physicians and clinicians both at the medical center as well as those in the community.



The year in review on the pages of this report offer a glimpse inside the many ways in which we are breaking ground at University through research and new educational programs. The conduct of the first University Convocation on 25th of April 2019 was graced with the blessing of Their Majesties', The Chancellor of the University, King Jigme Khesar Namgyal Wangchuck and Gyaltsuen Jetsuen Pema Wangchuck. His Majesty conferred certificates, diplomas and degrees to 452 university graduates of 2016 till 2018.

Our achievements and outcomes in 2018 are tangible confirmation that University is on the right path and at very forefront of leading the creation and advancement of health equity. Some of key notable achievements are University's stand in its academic excellence. Many of the University Residents and students were able to compete in international forum and excel with distinction. Even the faculty members of the University were recognized by the international forums .

On behalf of our faculties, students, and the staff of the university I would like to thank the government, our collaborators, members of the University Governing Council and Advisory Board, donors and well-wishers for their generous support and steadfast confidence in us

**Dr. K. P. Tshering**  
**President**



## **His Majesty's Address to the 1<sup>st</sup> Convocation of KGUMSB**

I am pleased to be here today for the First Convocation of our Medical University.

Growing up, I recall the stories when the first hospital was being built, during the time of His Late Majesty King Jigme Dorji Wangchuck. It was such an important endeavour that His Late Majesty dedicated time and personal effort to oversee the project.

Our forefathers would certainly be pleased with our achievements. Over the centuries and across generations, our ancestors have worked single-mindedly to secure our sovereignty, unity, harmony, and prosperity for all. Due to their sacrifices, we have been empowered to create a life of peace and happiness for ourselves, and for future generations.

In these noble efforts, special attention was placed on the development of education and healthcare. The Medical University is a culmination of all the efforts that have been put into these two important areas.

I extend my Tashi Delek to our 452 graduates, and express my gratitude to the professors, doctors and government officials as we mark the successful completion of your studies.

Let me take this opportune moment to share some of my personal reflections, which come to mind when I think of the health sector.

Quality! It's easy to begin any work and even easier if we want to achieve mediocracy. However, if we want to see steady progress and constant improvement, we have to be prepared to shoulder greater responsibility. Healthcare is very important for each and every person, and we cannot fail in our endeavour to continuously improve the quality of our healthcare services.

Another area of concern is Sustainability. We have as a nation, made a commitment to providing free healthcare to the people of Bhutan. This is an enormous undertaking, requiring large resources. Even if we are able to manage it for now, I am concerned about how we will be able to continue to provide free and quality healthcare.

For sustainable development and dynamic economic growth, first and foremost, our people must enjoy good health. Therefore, it is our collective responsibility to formulate



intelligent and innovative plans and policies, to ensure that the people of Bhutan will always have equal access to quality healthcare.

We are a small, mountainous, landlocked, sparsely populated country, located between populous and economic giants, existing in a world that is characterized by uncertainty amidst a rapidly changing environment. The only way we can navigate safely and successfully into the future is by being diligent, sharp, and steadfast. It is important that we always support and encourage those who are intelligent and competent. We must always remember to be a society that values talent.

Healthcare personnel have been entrusted with an important responsibility, and as such, should enjoy the support of the government and the state.

I have always spoken about the importance of our cultural heritage. Today, it would be prudent of us to pay attention to the culture related to our workplace.

1. Professionalism: Your conducts as you carry out your responsibility.
2. Hard work: the culture of carrying out every task before you, no matter the size or scope, with diligence.
3. Trustworthiness and reliability: It takes time and effort to be trustworthy and reliable. Trust will not emerge on it's own, but have to be actively cultivated and nurtured.

In the 21st century, change is taking place at a phenomenal rate. Our healthcare institutions should be agile and receptive, in order to take advantage of opportunities, and respond to new challenges brought about by digital revolution, and progresses in medical science, technology, and practices. Of all our institutions, it is vital that our education and healthcare be the most dynamic, responsive, and flexible. We have to establish a culture of being able to respond to changing times.

In conclusion, as citizens of a Buddhist nation, taking care of the ill and serving the needy are some of the most meritorious deeds. Therefore, on this auspicious occasion, I urge all of you to uphold your commitment to serve our people with utmost love and compassion.

I am truly delighted to meet all of you personally and share my thoughts.

**Tashi Delek!**

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**LEARNER  
CENTERED**



## **LEARNER CENTERED**

### **University Convocation**

His Majesty The King and The Gyaltsuen graced the 1<sup>st</sup> Convocation of the Khesar Gyalpo University of Medical Sciences of Bhutan (KGUMSB) held on 25<sup>th</sup> April 2019, and addressed 452 graduates.



### **His Majesty's Scholarship**

The Khesar Gyalpo University of Medical Sciences of Bhutan awarded the fully funded scholarship granted by His Majesty at the Thammasat University – Thailand for the Academic Year 2019 to 2021.

Ms. Tshering Wangmo and Mr. Jigme Thinley were awarded His Majesty's scholarship in M.Sc. in Biomedical Sciences. The main aim of the scholarship is to provide necessary skills, knowledge, and competencies to enable students to critically evaluate risk posed by the full range of biomedical health hazards, or stressors, which have impacts on human health and well-being.



## **Workplace-Based Assessment Workshop**

The Faculty of Postgraduate Medicine conducted Workplace-Based Assessment workshop for the faculty members from 17<sup>th</sup> to 18<sup>th</sup> January 2019. The training was conducted by Professor Matthias Siebeck, Centre for International Health (CIH <sup>LMU</sup>), Germany.

The Workplace-Based Assessment is one of the new inclusions which is the modern approach in the revised PG curriculum. The inclusion of WPBA is mainly to improve the quality of medical education through continuous monitoring and evaluation of the residents.

The workshop was conducted with the aim to familiarize all the faculty members with the WPBA tools for successful implementation.



## **Resident in International Arena**

Dr. Dinesh Pradhan, 4<sup>th</sup> year pediatric resident won the Helmut Wolf Award for Best Oral Presentation titled, **“Acute Encephalopathy in children admitted to PICU of National Referral Hospital in Bhutan”**, in the Annual Conference of German Society of Tropical Pediatrics and International Child Health (GTP). Health Volunteer Overseas (HVO) contribution in bringing Dr. Funk to Bhutan led to this significant study, and HVO’s generosity in making it possible to present the study in Germany.

## **Residency Elective Program**

As per the Postgraduate curriculum and Bhutan Medical and Health Council regulation, it mandates PG residents to undergo elective programs to get exposure and enhance their knowledge and skills in the clinical field both within and outside the country.

Eleven 2<sup>nd</sup> year and four 3<sup>rd</sup> year residents were sent for ex-country elective to various institute in India to enhance their knowledge in various subspecialties and academic activities which are not available in Bhutan.

In addition, six 4<sup>th</sup> year and four 3<sup>rd</sup> year residents were sent for in-country elective to Regional Referral Hospitals to expose the residents to peripheral health issues.

## **University Investiture Ceremony**

The University Investiture Ceremony was observed on 21<sup>st</sup> June 2019 at Faculty of Nursing and Public Health. The ceremony was graced by Chief Guest Dasho Lhab Dorji, President, JDWNRH.

The day was observed with bidding farewell to 2<sup>nd</sup> batch of PG residents, designation of new teaching faculty members, awarding of certificates for intern doctors and welcoming of new batch of PG trainees and interns who will be starting their training from 1<sup>st</sup> July 2019 at FoPGM, KGUMSB.





## *Annual Report 2018-2019*

SI No	Name	Designation at JDWNRH	Designation at KGUMSB
<b>International</b>			
1	Dr. Yin Min Than	Anaesthesiologist	Assistant Professor (Anaesthesiology)
2	Dr. Kyi Kyi Aye	Anaesthesiologist	Associate Professor (Anaesthesiology)
3	Dr. Khin Thandar Aung	Anaesthesiologist	Assistant Professor (Anaesthesiology)
4	Dr. Neelima Deshpande	Uro Gynaecologist	Associate Professor (Obstetrics and Gynecology)
5	Dr. Gary G. Kuniyoshi	ICU specialist	Associate Professor (Medicine)
6	Dr. Nutan Davari Parate	Ophthalmologist	Clinical Tutor (Ophthalmology)
7	Dr. Shankar Sai LeVine	Emergency	Assistant Professor (Emergency Medicine)
8	Dr. Melanie R. Watts	ER	Associate Professor (Emergency Medicine)
9	Dr. Sushna Maharjan	Pathologist	Associate Professor (General Pathology)
10	Dr. Raba Thapa	Ophthalmologist	Associate Professor (Ophthalmology)
<b>National</b>			
1	Dr. Tulsi Ram Sharma	Paediatrician	Senior Lecturer
2	Dr. Mindu Dukpa	Ophthalmologist	Senior Lecturer
3	Dr. Sangay Tshering	Gynaecologist	Lecturer
4	Dr. Sonam Jamtsho	ENT specialist	Associate Lecturer
5	Dr. Phurb Dorji	Gynaecologist	Professor
<b>Academic Promotion</b>			
1	Dr. Tika Ram Adhikari	ENT Specialist	From Senior Lecturer to Assistant Professor
2	Dr. Phub Tshering	Head and Neck Surgeon	From Senior Lecturer to Assistant Professor

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### **Resident Conference/workshop/Attachment**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation/ Department</b>	<b>Conference/Attachment</b>	<b>Institute/Coun-try</b>	<b>Date</b>	<b>Funding Source</b>
1	Dr. Chhimi Wangmo	3 <sup>rd</sup> Year, Ophthalmology resident	Bombay Ophthalmologist Association Conference	Mumbai, India	24 <sup>th</sup> to 26 <sup>th</sup> August, 2018	MoH
			Clinical attachment	Hyderabad, India	1 <sup>st</sup> to 30 <sup>th</sup> November 2018	KGUMSB – Student Exchange Budget
			Clinical attachment	Tilganga Institute of Ophthalmology, Nepal	17 <sup>th</sup> December 2018 to 13 <sup>th</sup> January 2019	MoH
			34 <sup>th</sup> Asia-Pacific Academy of Ophthalmology (APAO) Congress	Bangkok, Thailand	6 <sup>th</sup> to 9 <sup>th</sup> March, 2019	MoH
2	Dr. Tenzin Yoezer	2 <sup>nd</sup> year, Anesthesiology resident	Australian Society of Anesthetist's 2018 National Scientific Congress	Adelaide, Australia	6 <sup>th</sup> to 9 <sup>th</sup> October 2018	MoH
			Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	3 <sup>rd</sup> to 30 <sup>th</sup> March 2019	KGUMSB Budget (Student Exchange Program)

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3	Dr. Tenzin Gawa	3 <sup>rd</sup> year, Medicine resident	XVI International Congress on the management of cardiovascular disease	Nepal	2 <sup>nd</sup> to 3 <sup>rd</sup> November 2018	Student Exchange Budget (KGUMSB)
			Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	1 <sup>st</sup> April to 30 <sup>th</sup> April 2019	KGUMSB Budget (Student Exchange Program)
4	Dr. Sangay Wangchuk	3 <sup>rd</sup> year, Medicine resident	Annual Congress on Medicine	Bangkok, Thailand	5 <sup>th</sup> to 6 <sup>th</sup> November 2018	Student Exchange Budget (KGUMSB)
			Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	1 <sup>st</sup> April to 30 <sup>th</sup> April 2019	KGUMSB Budget (Student Exchange Program)



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5	Dr. Dinesh Pradhan	4 <sup>th</sup> year, Pediatric resident	37 <sup>th</sup> Annual Conference of the Society of Tropical Pediatrics and International Child Health	Germany	25 <sup>th</sup> to 27 <sup>th</sup> January 2019	Student Exchange Budget (KGUMSB)
			International Pediatric Nephrology Association and Asian Pediatrics Nephrology Association (IPNA/AsPNA) Junior Masterclass in Pediatric Nephrology, 2019	All India Institute of Medical Sciences (AIIMS), New Delhi, India.	6 <sup>th</sup> to 7 <sup>th</sup> April 2019	KGUMSB – Student Exchange Budget
6	Dr. Rojna Rai	4 <sup>th</sup> Year, OBGYN resident	28 <sup>th</sup> World Congress on ultrasound in obstetrics and gynecology	Singapore	20 <sup>th</sup> to 24 <sup>th</sup> October, 2018	MoH
			24 <sup>th</sup> Annual Congress of Indian Society for Assisted Reproduction (ISAR 2019)	Mumbai, India	1 <sup>st</sup> to 3 <sup>rd</sup> March 2019	Student Exchange Budget (KGUMSB)
			RCOG World Congress in Obstetrics and Gynaecology	London, UK	16 <sup>th</sup> to 19 <sup>th</sup> June 2019	

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7	Dr. Kinzang Dechen	2 <sup>nd</sup> Year, pediatric resident	Inagural Pediatric Respiratory and Sleep Medicine Symposium	Singapore	8 <sup>th</sup> to 10 <sup>th</sup> March 2019	KGUMSB – Student Exchange Budget
8			Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	3 <sup>rd</sup> to 30 <sup>th</sup> March 2019	KGUMSB Budget (Student Exchange Program)
9	Dr. Kinley Bhuti	2 <sup>nd</sup> Year, GP Resident	Inagural Pediatric Respiratory and Sleep Medicine Symposium	Singapore	8 <sup>th</sup> to 10 <sup>th</sup> March 2019	Student Exchange Budget (KGUMSB)
10	Dr. Sonam Jamtsho	4 <sup>rd</sup> Year, Surgery resident	13 <sup>th</sup> All India Institute of Medical Sciences (AIIMS) Surgical Week- International Minimal Access Surgery Conference, CME cum Live Workshop	All India Institute of Medical Sciences (AIIMS), New Delhi, India	28 <sup>th</sup> to 31 <sup>st</sup> March 2019	Student Exchange Budget (KGUMSB)
11	Dr. Tashi Tshering	4 <sup>th</sup> year, Pediatric resident	East Zone Pediatric Nephrology Update 2019	Siliguri, West Bengal	28 <sup>th</sup> April 2019	Student Exchange Budget (KGUMSB)

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12	Dr. Sonam	3 <sup>rd</sup> year, Pediatric resident	Pediatric      Ultrasound Courses 2019	Dhulikhel Hospital- Kathmandu University Hospital, Nepal.	13 <sup>th</sup> to 15 <sup>th</sup> May 2019	Student Exchange Budget (KGUMSB)
13	Dr. Phurpa Wangdi	2 <sup>nd</sup> year, OBGYN resident	Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	3 <sup>rd</sup> to 30 <sup>th</sup> March 2019	KGUMSB      Budget (Student      Exchange Program)
14	Dr. Tshering Pem	2 <sup>nd</sup> year, Medicine resident	Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	3 <sup>rd</sup> to 30 <sup>th</sup> March 2019	KGUMSB      Budget (Student      Exchange Program)
15	Dr. Tshering Norbu	2 <sup>nd</sup> year, Medicine resident	Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	3 <sup>rd</sup> to 30 <sup>th</sup> March 2019	KGUMSB      Budget (Student      Exchange Program)
16	Dr. Sonam Wangmo	2 <sup>nd</sup> year, OBGYN resident	Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	3 <sup>rd</sup> to 30 <sup>th</sup> March 2019	KGUMSB      Budget (Student      Exchange Program)
17	Dr. Rihan Raj Gurung	2 <sup>nd</sup> year, Surgery resident	Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	3 <sup>rd</sup> to 30 <sup>th</sup> March 2019	KGUMSB      Budget (Student      Exchange Program)

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18	Dr. Sagar Gurung	2 <sup>nd</sup> year, Surgery resident	Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	3 <sup>rd</sup> to 30 <sup>th</sup> March 2019	KGUMSB (Student Exchange Program)	Budget
19	Dr. Damcho Tshering	2 <sup>nd</sup> year, Orthopedic resident	Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	3 <sup>rd</sup> to 30 <sup>th</sup> March 2019	KGUMSB (Student Exchange Program)	Budget
20	Dr. Tenzin Yoezer	2 <sup>nd</sup> year, Anesthesiology resident	Australian Society of Anesthetist's 2018 National Scientific Congress	Adelaide, Australia	6 <sup>th</sup> to 9 <sup>th</sup> October 2018	MoH	
21			Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	3 <sup>rd</sup> to 30 <sup>th</sup> March 2019	KGUMSB (Student Exchange Program)	Budget
22	Dr. Namgay Dorji	3 <sup>rd</sup> year, Surgery resident	Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	1 <sup>st</sup> April to 30 <sup>th</sup> April 2019	KGUMSB (Student Exchange Program)	Budget
23	Dr. Tenzin Gawa	3 <sup>rd</sup> year, Medicine resident	Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	1 <sup>st</sup> April to 30 <sup>th</sup> April 2019	KGUMSB (Student Exchange Program)	Budget
24	Dr. Sonam Yangzom	4 <sup>th</sup> year, Medicine Resident	Annual Conference for the American Academy of Neurology and Observership	USA	4 <sup>th</sup> to 10 <sup>th</sup> May 2019	MoH	



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25	Dr. Tshering Pem	2 <sup>nd</sup> year, Medicine Resident	Annual Conference for the American Academy of Neurology and Observership	USA	4 <sup>th</sup> to 10 <sup>th</sup> May 2019	MoH
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## **SKA Asia quiz competition**

HA 3<sup>rd</sup> year students Kinley Wangmo and Kabita Mongar participated in SKA Asia quiz competition on Food safety in Nepal & secured second position.



## **Co-curricular Activities**

### **Annual Concert**



The annual concert by the students of FoTM on 29 September 2018

## **Cleaning Campaign**



## **Debate Competition**

The Sorig Literary Club organized a debate competition on 9<sup>th</sup> May 2019 on the topic “Collaboration of Modern Medicine and Traditional Medicine is necessary in order to give best health care to the patients”





### **Karate Championship 2019**

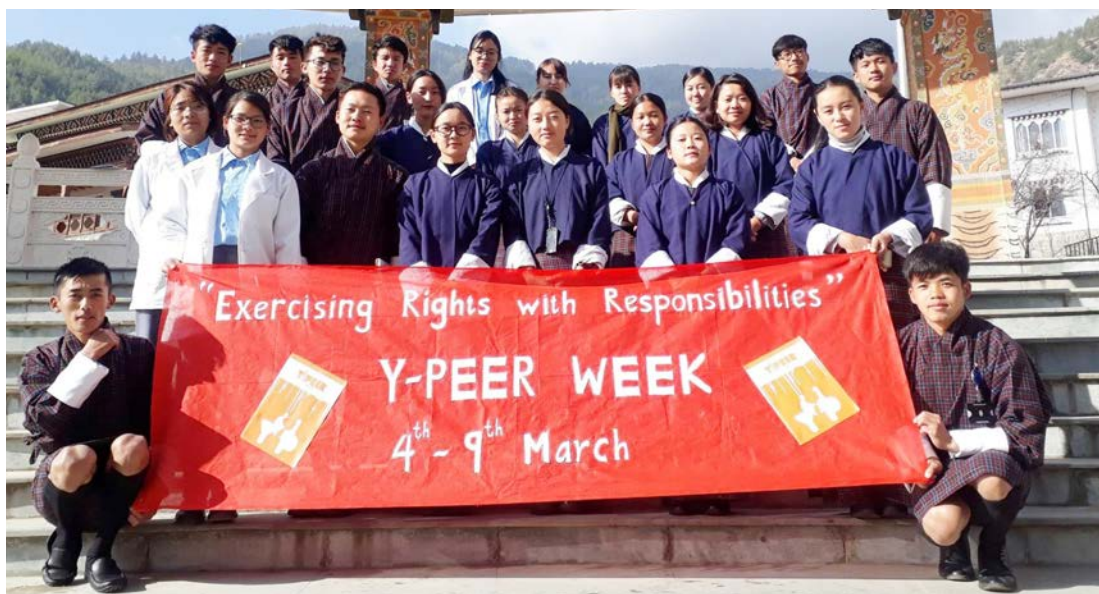
Twenty students from the Faculty of Nursing and Public Health's Karate Club participated in the 6<sup>th</sup> National College and Institute Karate Championship 2019 organized by the Bhutan Karate Association (BKA) at the College of Natural Resources, Lobesa on 19<sup>th</sup> May. The faculty bagged fourth position with 2 Gold, 1 Silver and 11 Bronze Medals. A total of six colleges from RUB and KGUMSB with more than 120 students participating in the championship.



### **Y-Peer**

FNPH, KGUMSB Y-Peer Network, observing Y-Peer week from 4<sup>th</sup> to 9<sup>th</sup> March, 2019. The main objective is to sensitize on sexual and reproductive health and right (SRHR), promote the visibility of the network, and enhance peoples' knowledge on the sexual and reproductive health and right. The Y-PEER week started with the theme "Exercising right with responsibility". The team also visited Faculty of Traditional Medicine and Changzamtog Middle Secondary School for advocacy program.





### **Community Club**

Community Club members of FNPH participated in the Bhutan Ecological Society's 5<sup>th</sup> Annual Research Symposium & Environmental Fair (2<sup>nd</sup> to 3<sup>rd</sup> December 2018). Health check (BP, Height, Weight, BMI & Blood sugar) and Health education on NCDs were given to the participants.



## **Donation**

Coinciding with the Medicine Buddha day, graduates of 2018 generously donated the statue of Zhanglon Dorji Duddul (Medicine Mahakala) to the faculty. Zhanglon Dorji Duddul is considered as a protector of the Sowa Rigpa Medical Tradition, Yuthok Nyingtig lineage and the cycle of *Terma* texts (Revealed Treasure).



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# **HUMAN RESOURCES**



## HUMAN RESOURCES

### Staff Statistics

Institute	Category	Number
<b>Office of the President (OOP)</b>	Executives & Specialists	4
	Management and Support Staff	33
	<b>Total</b>	<b>37</b>
<b>Medical Education Centre for Research Innovation and Training (MECRIT)</b>	Executives & Specialists	1
	Management and Support Staff	4
	<b>Total</b>	<b>5</b>
<b>Faculty of Traditional Medicine (FoTM)</b>	Executives	1
	Academicians	11
	Management and Support Staff	16
	Adjunct Faculty *	4
	<b>Total</b>	<b>28</b>
<b>Faculty of Nursing and Public Health (FNPH)</b>	Executives	1
	Fulltime Faculty	33
	Management and Support Staff	30
	Adjunct Faculty *	13
	Core Faculty *	35
	<b>Total</b>	<b>64</b>
<b>Faculty of Postgraduate Medicine (FoP-GM)</b>	Full-time faculty	9
	Core faculty *	53*
	Adjunct faculty *	35*
	Management and support staffs	12
	<b>Total</b>	<b>21</b>



<b>Bhutan Health Journal</b>	Editor-in-Chief ***	1
	Support Staff	2
	<b>Total</b>	<b>2</b>
	<b>Grand Total</b>	<b>157</b>
* Faculties at Teaching Hospital   ** Total staff at FoPGM, KGUMSB   *** Not Regular Employee		

## Appointment

### Registrar

The University as approved by the Governing Council appointed Ms. Diki Wangmo as Registrar on 10<sup>th</sup> April 2019. She is the third Registrar of University. Prior to joining the Office of President as Registrar, she served as the Associate Professor at Faculty of Nursing and Public Health. She holds PhD degree from Queensland University of Technology, Australia. She joined the faculty in 1991 as Midwifery Tutor and has served in various capacities such as Deputy Director, Dean- Academic Affairs besides teaching. She has received the meritorious promotion from Royal University of Bhutan, was nominated for National Order of Merit 2017 and was recipient of Life Time Contribution Award from the University in 2018.



## **Deans**

As mandated by the Condition of Services 2018, the Deans of constituent faculties were appointed by Hon'ble President on 4<sup>th</sup> January 2019. It was the first time after the revision of Condition of Service, the appointed Deans were selected through open competition.



- 1. Faculty of Postgraduate Medicine – Professor Dr. Tashi Tenzin, Dean**  
Professor Dr. Tashi Tenzin, along with the Dean of the Faculty serves as the consultant General Surgeon and Neurosurgeon at JDWNRH. He has completed his MBBS and MS in General Surgery from the Armed Forces Medical College, Pune, India. He has done Fellowship in Neurosurgery in 2008 from Thailand. Professor Dr. Tashi Tenzin has received the Drakpoi Norbu Yoedsel (Light Treasure of the Armed Forces) in the year 2013 from His Majesty. He has also contributed in publications of numerous research articles and made many worthwhile contributions such as: brought in Neuronavigation machine system for JDWNRH; Mobilized Grants from Munich University for surgeons for sub-specialty attachment; and arranged several donations of neurosurgical equipment and medicines from other countries since 2008.

## **2. Faculty of Nursing and Public Health – Dr. Chencho Dorjee, Dean**

Dr. Chencho Dorjee, joined the faculty in 1999 as a lecturer at the then Royal Institute of Health Sciences and has also served as the Director. He holds Masters degree in Health Development (Health Professions Education) from Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand. He has received Father Mackey Gold Medal for Excellence in Studies, Character and extracurricular Activities in 1983, first in Militia Training and Silver Medal in Service Award.

## **3. Faculty of Traditional Medicine - Drungtsho Sangay Wangdi, Dean**

Drungtsho Sangay Wangdi hails from Tsangkha-Tangsibji in Trongsa. He has Bachelors in Indigenous Medicine from the National Institute of Traditional Medicine (NTMH), Thimphu and Masters in Traditional Medicine with Specialization in Therapy from the Health Sciences University of Mongolia. His career started as a Traditional Physician at the National Traditional Medicine Hospital in 1999 and later served in Paro Hospital from 2000 to 2003. He then joined the Faculty of Traditional Medicine (then NITM) as an Assistant Lecturer and spent his entire life teaching and served from the post of Assistant Lecturer to Senior Lecturer. He also served the faculty at the capacity of Dy. Dean of Academic Affairs and Dy. Dean of Student Affairs until he was selected and appointed as the Dean in January 2019. During the course of his service at FoTM, he was actively involved in the development of faculty. He has contributed significantly in the development of various curriculum for different level of programmes. He also took personal initiative in the development of Tanadhug-Phodrang (Celestial City of Medicine Buddha). It was through his keen interest in research and learning that attributed to numerous publications in his name.

## **RCSC Award - 2018**

As per the Royal Command from His Majesty the King, twelve staff from University were awarded the RCSC service medals and certificates, in recognition to their dedicated service and loyalty to the Tsa-Wa-Sum. The award ceremony was held on 13<sup>th</sup> December 2018, presided over by the Hon'ble President of the University.

The following were the recipients:

### **A. 30 Years of Service**

1. Mr. Chheten Gyeltshen, Specialist (Student Affairs) – Office of the President (OOP)
2. Mr. Tara Bir Gajmer, Sr. Driver— Faculty of Nursing and Public Health (FNPH)

### **B. 20 Years of Service**

1. Ms. Sangay Zam, Lecturer – Faculty of Nursing and Public Health (FNPH)
2. Mr. Wangchuk Dorji, Accounts Assistant – Office of the President (OOP)
3. Mr. Tashi Wangdi, Sr. Driver – Faculty of Nursing and Public Health (FNPH)

### **C. 10 Years of Service**

1. Dr. Kipchu Tshering, Sr. Lecturer– Faculty of Postgraduate Medicine (FoPGM)
2. Mr. Kinley Tshering, ADM Officer – Office of the President (OOP)
3. Mr. Pema Lhendup, ADM Assistant – Faculty of Postgraduate Medicine (FoPGM)
4. Dhan Maya Gurung, ICT Technical Associate II – Faculty of Nursing and Public Health (FNPH)
5. Mr. Dorji Phuntsho, Sr. ADM Officer – Faculty of Traditional Medicine (FoTM)



6. Ms. Tshering Yangden, Messenger – Faculty of Traditional Medicine (FoTM)
7. Ms. Pema Choden, Sweeper – Faculty of Traditional Medicine (FoTM)

### **University faculties at International Forum**

Dr. Chhabi Lal Adhikari, Professor General Practice, was invited as an External Examiner for final year MD General Practice Examination at Institute of Medicine, Tribhuvan University Teaching Hospital, Nepal from 17<sup>th</sup> to 19<sup>th</sup> April, 2019.



Assistant Professor Dr. Karma Tenzin, Dy. Dean, Academic Affairs, was invited as an international facilitator for Academic Teacher Training Course (ATTC) 2019 at Germany from 22<sup>nd</sup> February to 2<sup>nd</sup> March 2019 organized by Centre for International Health (CIH<sup>LMU</sup>).

Such opportunities besides enhancing the skills of the faculties will also help University to create a brand in the international forum.



## **National Nursing and Midwifery Practice Consultation**

Faculty of Nursing and Public Health conducted National Nursing and Midwifery Practice Consultation workshop with support from UNFPA. The main objective of the workshop was *“Enhancing Nursing and Midwifery Practices for Quality Services and Education”*. It was conducted from 8<sup>th</sup> to 9<sup>th</sup> December 2018 at Hotel Holiday Home, Paro.



## **Training on Human Resource and Administration Skills**

The Administrative staff of FNPH attended one week training on HR and Administration Skills at Kathmandu from 8<sup>th</sup> to 14<sup>th</sup> April 2019.

The Training on HR and Admin Skills is an interactive and motivational training designed to enable participants to develop their knowledge and skills required to increase their confidence, boost their self-motivation and enhance their contributions towards the organization and further guide them how to perform effectively, efficiently and economically.

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# **ACADEMIC PROGRAM DEVELOPMENT**

## ACADEMIC PROGRAM DEVELOPMENT

### Student Statistics 2019

#### Faculty of Postgraduate Medicine (FoPGM)

Sl. No.	Academic Programs	Number of Students		Total
		Male	Female	
1	MD in Anesthesiology Year 1	0	0	0
	MD in Anesthesiology Year 2	1	1	2
	MD in Anesthesiology Year 3	1	0	1
	MD in Anesthesiology Year 4	0	0	0
2	MD in General Practice Year 1	1	1	2
	MD in General Practice Year 2	0	1	1
3	MD in General Surgery Year 1	1	1	2
	MD in General Surgery Year 2	2	0	2
	MD in General Surgery Year 3	1	0	1
	MD in General Surgery Year 4	2	0	2
4	MD in Internal Medicine Year 1	1	0	1
	MD in Internal Medicine Year 2	1	1	2
	MD in Internal Medicine Year 3	1	1	2
	MD in Internal Medicine Year 4	0	1	1
5	MD in Orthopedics Year 1	2	0	1
	MD in Orthopedics Year 2	1	0	1
6	MD in Pediatrics Year 1	0	1	1
	MD in Pediatrics Year 2	1	0	1
	MD in Pediatrics Year 3	1	0	1
	MD in Pediatrics Year 4	2	0	2
7	MD in OBGYN Year 1	0	2	2
	MD in OBGYN Year 2	1	1	2
	MD in OBGYN Year 3	0	0	0
	MD in OBGYN Year 4	0	1	1



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8	MD in Ophthalmology Year 1	0	0	0
	MD in Ophthalmology Year 2	0	0	0
	MD in Ophthalmology Year 3	0	1	1
	MD in Ophthalmology Year 4	0	0	0
9	MD Psychiatry Year 1	1	0	1
10	MD Emergency Medicine Year 1	2	0	2
<b>Total</b>		21	13	36

### Faculty of Nursing & Public Health

Sl. No	Academic Programs	No. of Students		
		M	F	Total
1	B. Sc in Public Health 1st year (In-service)	1	4	5
2	B.Sc in Nursing & Midwifery 1st Year (In-service)	5	6	11
3	B.Sc in Clinical Counseling 1 <sup>st</sup> year	3	3	6
	B.Sc in Clinical Counseling 2 <sup>nd</sup> year	3	3	6
	B.Sc in Clinical Counseling 3 <sup>rd</sup> year	2	4	6
	B.Sc in Clinical Counseling 4 <sup>th</sup> year	2	4	6
4	Diploma in General Nursing & Midwifery 1 <sup>st</sup> year	20	30	50
	Diploma in General Nursing & Midwifery 2 <sup>nd</sup> year	18	29	47
	Diploma in General Nursing & Midwifery 3 <sup>rd</sup> year	21	26	47
5	Diploma in Community Health 2 <sup>nd</sup> year	11	17	28
	Diploma in Community Health 3 <sup>rd</sup> year	11	15	26
6	Diploma in Dental Hygiene 2 <sup>nd</sup> year	2	2	4
	Diploma in Dental Hygiene 3 <sup>rd</sup> year	2	3	5
7	Diploma in Dental Technician 2 <sup>nd</sup> year	2	2	4
	Diploma in Dental Technician 3 <sup>rd</sup> year	2	3	5

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8	Diploma in Medical Laboratory Technology 2 <sup>nd</sup> year	10	2	<b>12</b>
	Diploma in Medical Laboratory Technology 3 <sup>rd</sup> year	7	7	<b>14</b>
9	Diploma in Radiology & Imaging 2 <sup>nd</sup> year	7	3	<b>10</b>
	Diploma in Radiology & Imaging 3 <sup>rd</sup> year	7	3	<b>10</b>
10	Diploma in Pharmacy 2 <sup>nd</sup> year	3	7	<b>10</b>
	Diploma in Pharmacy 3 <sup>rd</sup> year	10	6	<b>16</b>
11	Diploma in Physiotherapy 2 <sup>nd</sup> year	3	3	<b>6</b>
	Diploma in Physiotherapy 3 <sup>rd</sup> year	2	5	<b>7</b>
12	Diploma in Emergency Medical Responder 2 <sup>nd</sup> year	8	12	<b>20</b>
13	Diploma in Foundation Course	56	51	<b>105</b>
<b>Total</b>		<b>218</b>	<b>250</b>	<b>468</b>

### Faculty of Traditional Medicine

Sl. No	Academic Programs	No. of Students		
		M	F	Total
1	<b>Master in Traditional Medicine</b>			
	M.Sc in Traditional Medicine	3	1	<b>4</b>
2	<b>Bachelor of Science in Traditional Medicine</b>			
	B.Sc in Traditional Medicine 1 <sup>st</sup> year	4	3	<b>7</b>
	B.Sc in Traditional Medicine 2 <sup>nd</sup> year	5	3	<b>7</b>
	B.Sc in Traditional Medicine 3 <sup>rd</sup> year	5	2	<b>7</b>
	B.Sc in Traditional Medicine 4 <sup>th</sup> year	6	1	<b>7</b>
	B.Sc in Traditional Medicine 5 <sup>th</sup> year	6	2	<b>8</b>
3	<b>Diploma in Traditional Medicine</b>			

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Diploma in Traditional Medicine 1 <sup>st</sup> year	4	8	<b>12</b>
Diploma in Traditional Medicine 2 <sup>nd</sup> year	5	10	<b>15</b>
Diploma in Traditional Medicine 3 <sup>rd</sup> year	10	5	<b>15</b>
Diploma in Sorig Pharmacy	4	4	<b>8</b>
<b>Total</b>	<b>48</b>	<b>39</b>	<b>87</b>



*Provisional certificates were awarded to the graduates (11 Diploma and 6 Bachelor trainees, 2018) on 27<sup>th</sup> July, 2018*

### **New Academic Programmes**

The entrance examination for the 5<sup>th</sup> batch of residents was conducted on 22<sup>nd</sup> May 2018. A total of thirteen candidates were selected against seventeen slots including two candidates in Emergency Medicine and one candidate in Psychiatry, for the new courses to be started from July 2018.

- i. MD Emergency Medicine
- ii. MD Psychiatry

## **Menjong Sorig Spa & Wellness Course**



The Faculty of Traditional Medicine conducted the opening ceremony of much awaited short course in Menjong Sorig Spa and Wellness on 14<sup>th</sup> February 2019. The ceremony was chaired by Hon'ble President, KGUMSB and attended by other guests from relevant agencies. The first batch of four trainees from hotels in Thimphu and four in-service candidates from National Traditional Medicine Hospital were enrolled for this three-month certificate course.



*Certificates awarded to first batch of Menjong Sorig Spa & Wellness*



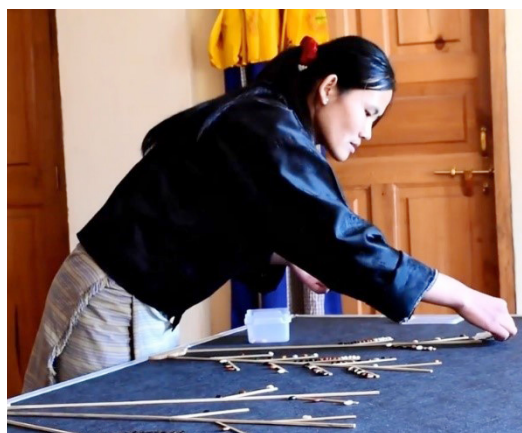
## **Graduation**

Four Master of Science in Traditional Medicine, eight Bachelor of Science in Traditional Medicine, fifteen Diploma in Traditional Medicine and eight Sorig Pharmacy students have graduated in June 2019. The graduates generously donated a thirteen-foot-long Yuthok Kuthang to the faculty during the farewell dinner.



## **Examination**

First year students of FoTM need to understand and memorize all the description about the Medicine tree (Sorig Dongdrem). At the end of the semester, they are required to do practical demonstration about these trees to which they are evaluated. The above image is the glimpse of first year student delivering her hard work and effort during her Examination.





Mr. Sangay Dhendup, a Bachelor of Science in Traditional Medicine graduate has secured the 2<sup>nd</sup> position in Bhutan Civil Service Examination (BCSE), 2018 in technical category with 74.59%.

### **Health Profession Education Workshop**

Faculty of Postgraduate Medicine, KGUMSB conducted Health Profession Education workshop for teaching staff of Faculty of Traditional Medicine, Faculty of Nursing & Public Health and Faculty of Postgraduate Medicine from 8<sup>th</sup> to 12<sup>th</sup> March 2019.

The training was conducted with international resources, Professor Jyotsna Rimal, BP Koirala Institute of Health Sciences, Dharan, Nepal and Dr. Purnima Baura, Jorhat Medical College, Assam. Both the experts are FAIMER-FRI faculty and also heading the Department of Medical Education at their respective institutes. The culture of grooming the faculty members was started in order to develop the health professional education resource team. The workshop covered curriculum development components, teaching-learning strategies (latest trending ones) and various assessment methods with more emphasis on OSCCE/OSPE. The training is geared to ensure quality of medical education.



## **Continuing Medical Education (CME)**

Continuing Medical Education (CME) is conducted in order to help those in the medical field to maintain competence and learn about new and developing areas of their field.

Sl. No	CME	Date	No. of Participants	Resource
1	Doctor-patient relationship: Communication/ interviewing skills	16 <sup>th</sup> April 2019	45	Dr. Borut Skodlaris, Associate Professor of Psychiatry, Centre for Mental Health and Unity for Psychotherapy University Psychiatric Hospital, Ljubljana, Slovenia.
2	Hepatico-pancreatic biliary surgery workshop	26 <sup>th</sup> to 27 <sup>th</sup> April 2019	All Surgeons and surgical residents	Resource from India and Netherlands

## **Internship Program**

Faculty of Postgraduate Medicine, KGUMSB offers one-year internship programme for medical students which is a compulsory phase for undergraduate medical training leading to award of bachelor's degree.

Internship is undertaken to improve professional knowledge and acquire practical skills under supervision and guidance of a qualified supervisor in area of medical and health care to enable the graduate to function independently.

January 2019 to December 2019 Batch – Four Interns

July 2018 to June 2019 Batch - Six Interns

## **Monthly Clinical Meeting**

Dean's Office in consultation with departments started monthly clinical meeting by residents as a part of academic activities. The meeting is scheduled on 2<sup>nd</sup> week of every month.



## **Training on midwifery/obstetric emergency**

Three-day e-learning training on midwifery/obstetric emergency, organized by FNPH in collaboration with UNFPA country office from 17<sup>th</sup> to 19<sup>th</sup> July 2018. Objectives of the training were to enhance knowledge on evidence based, strengthen clinical decision making during obstetric emergency situation and to adopt interactive teaching and learning process.

Nurses from JDWNRH, midwifery faculties from FNPH and RAHS attended the training. Geeta Lal, Senior Technical Advisor Midwifery and Strategic Partnerships HRH, UNFPA New York was the resource person.



## **Curriculum Revision Workshop**

Curriculum Revision Workshop for Diploma in Dental Laboratory Technology was held from 28<sup>th</sup> to 30<sup>th</sup> April 2019 at Hotel Holiday Home, Paro.





## **Exchange Program**

Edith Cowan University, Perth, Western Australia faculty and students visit to the Faculty of Nursing and Public Health to learn about the Nursing in Bhutan.



## **Earthquake Simulation Exercise**

The Foundation students of FNPH participated in the Earthquake Simulation Exercise coordinated by the Thimphu Thromde in collaboration with the Department of Disaster Management & Save the Children through ECHO on 10<sup>th</sup> November 2018.



### **Short Course Training Programmes**

The students of short course training programmes in Pediatric Intensive Critical Care and Neonate Intensive Critical Care Nursing were trained for a period of seven months in these specialized areas. The theory and clinical skills training for the students were held at FNPH, JDWNRH & Bangkok.



### **Revision and Development of Checklist and Guidelines for Nursing and Midwifery**

Faculty of Nursing and Public Health conducted workshop on Revision and Development of Checklist and Guidelines for Nursing and Midwifery from 25<sup>th</sup> to 27<sup>th</sup> November 2018 at Paro.





### **Module development for Pap smear and Copper T (CuT)**

Faculty of Nursing and Public Health conducted development of Module for Pap smear and Copper T (CuT) for integration in to the pre-service curriculum at Punakha from 18<sup>th</sup> to 20<sup>th</sup> November 2018.





### **Consultative Meeting on Implementation of Midwifery and Nursing Curriculum Assessment**

Faculty of Nursing and Public Health conducted consultative meeting on Implementation of Midwifery and Nursing Curriculum Assessment from 8<sup>th</sup> to 10<sup>th</sup> October, 2018 at Paro.



### **Child Care/ IMCI workshop**

Faculty of Nursing and Public Health conducted Child Care/ IMCI workshop for the Health Assistant graduates was conducted at Punakha from 2<sup>nd</sup> to 3<sup>rd</sup> August 2018.





## **Coordination Meeting**

Coordination meeting between FNPH & core faculty of Technicians, JDWNRH was held on 13<sup>th</sup> July 2018. The meeting gave an opportunity to discuss & deliberate on issues related to curriculum, teaching, clinical postings, assessment procedures & effective coordination between the faculty & technical departments.



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**RESEARCH**

## **RESEARCH**

### **4<sup>th</sup> International Conference on Medical and Health Sciences (ICMH) 2018**

The International Conference on Medical and Health sciences is a part of annual event of the KGUMSB organized by Medical Education Centre for Research, Innovation and Training (MECRIT) from 9<sup>th</sup> to 11<sup>th</sup> November 2018 at Convention Hall, Royal University of Bhutan with financial support from UNICEF and Royal Government of Bhutan. The conference was attended by one hundred sixty seven participants including two from SAARC and three from other countries.



The conference is mainly to promote and strengthen the research for evidence-based practice and decision making. The objective are as follows:

- Provide an opportunity to local health professionals and researchers to update on the latest developments in the field of medical and health sciences.
- Facilitate better cooperation and collaboration among healthcare providers and researchers.
- Provide a scientific platform to present research findings on health sciences for the local as well as international health professionals and researchers.
- Encourage research on the principles and practice of medical and health sciences.
- Encourage Bhutanese health professionals to gather at least once in a year for a scientific session to update and share professional experiences.

PRIZE winners in ICMH 2018				
Oral Presenter				
Sl. No	Presenter Name	Department	Category	Prize won in Nu.
1.	Dr. Sonam Jamtsho	Resident Student	Oral Presenter	5000 (First)
2.	Dr. Dinesh Pradhan	Resident Student	Oral Presenter	3000 (Second)
Poster Presenter				
3.	Dr. Rojna Rai	Resident Student	Poster Pre-senter	5000 (First)
4.	Dr. Sonam	Resident Student	Poster Pre-senter	3000 (Second)

## Data Analysis workshop

A five day workshop on Data Analysis Workshop was organized from 24<sup>th</sup> to 28<sup>th</sup> June 2019 at Hotel Holiday Home, Paro in collaboration with Yale School of Public Health with the funding support from Bhutan Foundation. The workshop was conducted upon the feedback received from the research grant recipients.

The aim of the workshop was to develop the understanding and competency related to data entry, analysis and interpretation to be able to make meaning out of the number. The workshop was attended by Faculty members from university and other health professionals.

## Research Publication by Grant recipients

As per the agreement between Khesar Gyalpo University of Medical Sciences of Bhutan and Bhutan Foundation, Medical Education Centre for Research, Innovation and Training (MECRIT) awarded research grant to twelve people in 2017. All the study have been completed and three studies were published till now as shown below.

Sl. No	Study Topic	Publication paper	Author
1	Glycemic control, medication adherence, and injection practices among diabetic patients treated in the 3 tertiary referral hospitals in Bhutan: a call for more action	Asian Bio-Medicine	Dr. Thinley Dorji
2	Assess Knowledge, Attitude and Practices of Respectful Maternity Care among nurse midwives in Referral Hospitals of Bhutan	Bhutan Health Journal	Ms. Sonam Deki



3	Prevalence of exclusive breast feeding practice in Trongsa Dzongkhag and its associated factors: a cross sectional study	Asia Pacific Journal of Public Health.	Mr. Dolley Tshering
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### Training on Thesis Writing

Faculty of Postgraduate Medicine organized a training on **Thesis Writing** for 2018 batch of resident and the invitation was extended to interested faculties. The training was conducted from 12<sup>th</sup> to 18<sup>th</sup> November 2018.

Dr. Nongluck Suwisith, World Organization of National Colleges, Academies and Academic Associations (WONCA) Secretariat based in Thailand was invited as the resource person for the training. The training was intended to prepare the postgraduate medical students for a research thesis which provided an introduction to research methodologies in health care - both qualitative and mainly for quantitative research.

### Launching of Digital Access to Research in Bhutan

The Faculty of Nursing and Public Health in collaboration with the United Nations in Bhutan launched the United Nations Technology Bank for Least Developed Countries Digital Access to Research (DAR) programme in Bhutan at the City Hotel, Thimphu on 3<sup>rd</sup> to 4<sup>th</sup> April 2019.



The Council of the Technology Bank of the United Nations has adopted a programme of work focusing on collaboration between the Technology Bank and other UN entities for the promotion of digital access to research and technical knowledge in selected Least Developed Countries (LDCs). The Technology Bank aims “to strengthen the science,

technology and innovation capabilities of the world's least developed countries, so that they are no longer left behind in achieving internationally agreed development goals.”

Through the DAR programme, the Technology Bank will build on what Research4Life (R4L) has already accomplished, and produce results for the LDCs, which have been out of reach to date. The Faculty as a Country Focal Point will advocate and promote R4L programmes in the country by organizing training workshops. The workshops will be essential to advocate about R4L and its wealth of resources and also enhance scholarly information access skills for the participants who in turn will advocate, promote, facilitate and support access to scholarly information for their users mainly policy makers, faculty, students, clinicians and researchers. Access to R4L resources and facility with its successful use will empower Bhutan to become an advanced and knowledge-based society, improve the quality of research publications and make our research visible to the international scientific community. The DAR programme will help steer research and development in Bhutan.

### **Thesis Defense by Masters Students**



*The first batch of Master Trainees delivered their thesis defense on 14<sup>th</sup> May 2019.*

### **Exchange Programme**

- Exchange programme by four delegates from Journal of Nepal Medical Association (JNMA) to Bhutan Health Journal (BHJ) from 23<sup>rd</sup> to 26<sup>th</sup> June 2018. The delegate met with BHJ team to deliberate on Open Journal System (OJS) website and journal process and also called on the President, KGUMSB and Editor-in-Chief, BHJ, on way forward for journal and future collaboration.

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- The three member team from BHJ attended the exchange program at JNMA from on 5<sup>th</sup> to 9<sup>th</sup> June 2019, to enhance OJS and learn the peer-review process from article submission to publication including revision, communication, and article management. They learned to run the OJS website setup, updating and to identify and mitigate OJS troubleshooting to deal with issues. The exchange program between BHJ-JNMA will further strengthen our relationship to enhance research in the scientific community, publication collaboration and help create robust system for journal publishing environment.



### **Journal Release**

Released Vol 4 issue 2 during the 4<sup>th</sup> ICMH 2018 by the Health Minister of Bhutan on 9<sup>th</sup> Nov 2018, and released Vol 5 Issue 1 during the University Investiture ceremony on 21<sup>st</sup> June 2019 at Faculty of Nursing and Public Health. The event was graced by Hon'ble President, JDWNR Hospital.







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**INFRASTRUCTURE**

**&**

**RESOURCES**

## INFRASTRUCTURE AND RESOURCES

### **Dongdrem**

The models of *Dongdrem* (The Trees of Medicine) was developed in the Museum of the Faculty of Traditional Medicine which was funded by the Royal Government of Bhutan. The study of *Sowa Rigpa* adopts the visual image of a tree to help understand the vast aspects of its medical system. The First Tantra also known as *Heart Tantra* is considered as seed of the other three tantras and all other *Sowa Rigpa* knowledge. The Dongdrem comprises of three trees and nine trunks, 47 branches, 224 leaves, 2 flowers and 3 fruits.



*The models of Dongdrem*

## **Sorig Wellness House**

The Sorig Wellness House which consists of herbal bath and herbal steam services was inaugurated on 31<sup>st</sup> May 2019. The wellness house was constructed with the funding support from Royal Government of Bhutan. It will be used to teach therapy classes. The services will also be provided to outsiders on the payment of minimal fees prescribed by the management.





## **Construction of New water reservoir and solar water heating system**

Faculty faces acute water shortages and has become even more critical with the increasing number of students residing in the hostel. The water crisis is due to the inadequate water source. The current reservoir has a capacity of 35 cubic meters which is only sufficient to prepare the meals for the students.

The accreditation carried out in June, 2017 by Bhutan Accreditation Council, Quality Assurance and Accreditation Division, Ministry of Education, also gave feedback on solving the water shortage problems for maintaining hygiene in the hostels.

Therefore, the construction of water tank with capacity of 80 cubic meters was carried out and in addition to the water tank reservoir two solar water heating systems were installed, one each at boys' and girls' hostel. Both the works were completed in June, 2019 at the total cost of Nu.4,114,928.28



*Water Reservoir Tank*



*Solar Water Tank*



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## Financial Statements

OFFICE OF THE PRESIDENT		
<b>INCOME</b>		
<b>RGoB Grant</b>		<b>55,423,000</b>
<b>GoI Support</b>		<b>25,000,000</b>
<b>UN Support to Health</b>		<b>1,080,000</b>
<b>Swiss Health Care Project</b>		<b>654,000</b>
<b>Total</b>		<b>82,157,000</b>
<b>EXPENSES</b>	<b>APPROVED</b>	<b>EXPENDITURE</b>
<b>Direction Services</b>		
<b>Pay and Allowances</b>	<b>26,624,000</b>	<b>26,617,000</b>
<b>Other Personnel Emoluments</b>	<b>182,000</b>	<b>182,000</b>
<b>Travel</b>	<b>4,442,000</b>	<b>4,431,000</b>
<b>Utilities</b>	<b>1,982,000</b>	<b>1,928,000</b>
<b>Rental of Properties</b>	<b>198,000</b>	<b>194,000</b>
<b>Stationeries and Machineries</b>	<b>1,773,000</b>	<b>1,630,000</b>
<b>Maintenance of Property</b>	<b>957,000</b>	<b>769,000</b>
<b>Operating Expenses</b>	<b>6,970,000</b>	<b>6,704,000</b>
<b>Hospitality and Entertainment</b>	<b>450,000</b>	<b>449,000</b>
<b>Contribution of Provident Fund</b>	<b>1,526,000</b>	<b>1,525,000</b>
<b>Subscription of International Organisation</b>	<b>367,000</b>	<b>367,000</b>
<b>Retirement Benefits</b>	<b>396,000</b>	<b>396,000</b>
<b>General Provisions</b>	<b>56,000</b>	
<b>Training</b>	<b>4,000,000</b>	<b>4,000,000</b>
<b>Office Equipment</b>	<b>1,000,000</b>	<b>1,000,000</b>
<b>Plant &amp; Equipment</b>		
<b>Professional Services</b>	<b>4,500,000</b>	<b>3,064,000</b>
<b>UN Support to Health (MCH/Nutrition)</b>		
<b>Development of IPC Training for Health Workers</b>	<b>755,000</b>	<b>737,000</b>

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<b>Conduct of International Conference on Medical and Health Sciences</b>	<b>325,000</b>	<b>324,000</b>
<b>Swiss Health Care Project</b>		
<b>Swiss Health Care Project (Wangdi-choling Hospital)</b>	<b>654,000</b>	<b>635,000</b>
<b>GoI Support</b>		
<b>Construction of Secretariat Building</b>	<b>25,000,000</b>	<b>25,000,000</b>
<b>TOTAL</b>	<b>82,157,000</b>	<b>79,952,000</b>
<b>CLOSING BALANCE</b>		<b>2,205,000</b>

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FACULTY OF NURSING & PUBLIC HEALTH		
<b>INCOME</b>		
Opening Balance		9,660,000
Direct Income (RgoB grant and gratuity)		47,196,000
Indirect Income (Rental, fees from short courses, self-funding students, vehicle hiring, research, and other miscellaneous income)		4,831,210
<b>Total</b>		<b>61,687,210</b>
<b>EXPENSES</b>	<b>APPROVED</b>	<b>EXPENDITURE</b>
<i>Direction Services</i>		
Pay and Allowances	30,588,000	24,219,904
Other Personnel Emoluments	252,000	126,000
Travel	3,500,000	4,321,088
Utilities	1,520,000	1,340,094
Stationeries and Machineries	2,400,000	1,621,204
Maintenance of Property	1,950,000	1,641,227
Operating Expenses	1,130,000	2,082,796
Hospitality and Entertainment	50,000	26,200
Contribution of Provident Fund	1,540,000	1,659,232
Retirement Benefits		2,048,904
Training	1,300,000	1,235,758
Furniture	800,000	776,332
Plant & Equipment	30,000	26,450
Computer & Peripherals	2,500,000	2,397,909
Professional Services	2,200,000	2,484,299
Stipends	7,096,000	7,405,000
<b>TOTAL</b>	<b>56,856,000</b>	<b>53,412,396</b>
<b>CLOSING BALANCE</b>		<b>8,274,814</b>

FACULTY OF TRADITIONAL MEDICINE		
<b>INCOME</b>		
Opening Balance		159,840
Direct Income (RgoB grant and gratuity)		16,992,000
Indirect Income (Rental, fees from short courses, self-funding students, vehicle hiring, research, and other miscellaneous income)		4,147,034
<b>Total</b>		<b>21,298,874</b>
<b>EXPENSES</b>	<b>APPROVED</b>	<b>EXPENDITURE</b>
<i>Direction Services</i>		
Pay and Allowances	11,336,070	11,088,421
Travel	656,900	929,908
Utilities	550,000	846,496
Stationeries and Machineries	1,455,955	1,267,488
Maintenance of Property	750,000	1,657,783
Operating Expenses	329,000	555,869
Hospitality and Entertainment	100,000	75,935
Contribution of Provident Fund	828,432	782,485
General Provisions	187,360	181,344
Training	710,000	411,306
Professional Services	200,000	155,500
Stipends	1,245,000	1,230,300
<b>TOTAL</b>	<b>18,348,717</b>	<b>19,182,835</b>
<b>CLOSING BALANCE</b>		<b>2,116,039</b>



A large teal hexagon is centered on the page. Inside the hexagon, the words "GOOD" and "GOVERNANCE" are written in a bold, black, serif font, stacked vertically.

# **GOOD GOVERNANCE**

## **GOOD GOVERNANCE**

### **Launching of Book “*The Key Moments*”**

His Majesty The King Jigme Khesar Namgyel Wangchuck, The Chancellor released the book on “The Key Moments”. It highlights the journey of the University since its inception as an idea in Peoples Project in the year 2006. It also showcases the important milestones of the University and the services provided by the University.



## **University Foundation Day Celebration**

The 4<sup>th</sup> Foundation Day of the University was celebrated on 2<sup>nd</sup> March 2019. The occasion was graced by His Excellency Prime Minister, Health Minister, Foreign Minister and Finance Minister. During the auspicious day, the University started awarding certificates to recognize the Lifetime contribution made by the employee of the University.



The recognition of Teaching and other staff for Lifetime contribution towards the University was awarded to the following employees

- ***Ms. Diki Wangmo, Associate Professor***
- ***Mr. Leki Dorji, Communication Technician***
- ***Ms. Karma Yangdon, Administrative Assistant***
- ***Ms. Sangay Pem, Lecturer***
- ***Mr. Karma, Senior Procurement Assistant***





### **Signing of MoU with Zhung Dratshang**

The University and the Zhung Dratshang formally signed the Memorandum of Understanding (MoU) to enable the monks to extend their traditional services to reach out to the corners of the country. Four monks from Zhung Dratshang will pursue traditional medicine courses at the University.





## **The GC Chaired by Prime Minister**

The 9<sup>th</sup> session of University Governing Council was conducted on the 10<sup>th</sup> April 2019. His Excellency, The Prime Minister chaired the session and deliberated on major developmental activities of the University. The Members of the GC led by the Prime Minister discussed on the Initiation of MBBS program at University, membership to the University Advisory Board and Pay Revision among other important issues.



## **Memorandum of Understanding (MoU) with International Institutes**

To further strengthen the University's focus to achieve its vision to be 'A premier centre of excellence in medical education, research and quality healthcare', the University expanded its international linkages over all the regional and international medical institutes.

Sl. No	NAME of MoU	Signed date
1	Deakin University, Australia	30 <sup>th</sup> October 2018

### **Agreement of Performance of Work between World Health Organization (WHO) and Medical Education Centre for Research, Innovation and Training (MECRIT)**

Ministry of Health has been conducting In-country and Ex-country capacity development for health professionals to improve their skills and knowledge. Ex-country trainings are always not cost efficient nor sustainable as Ministry can train only few officials. In-country capacity development offers value-for-money and also offers opportunity for University to strengthen the capacity to establish a centre of excellence in medical education.

In line with above objective, the agreement was signed between WHO and MECRIT on the following In-country trainings with fund support from WHO.

- Training on Elderly Care Management
- Training on Trauma care
- Training on Hospital Administration and management
- Field Epidemiology Training Program

### **Grant Agreement**

The grant agreement is made and entered into as of 7<sup>th</sup> May 2019 between Khesar Gyalpo University of Medical Sciences of Bhutan and Bhutan Foundation to carry out the following activities. Bhutan Foundation supports grant for research and other training activities.

1. Research Grant
2. Training for Institution Review Board Members
3. Mentorship Training
4. Data analysis and Biostatistics Training
5. Datathorn Workshop
6. Authors and Reviewer Training
7. Critical Appraisal and advance literature Search
8. Exchange program/Journal National Medical Association
9. Training on OJS Website Management

### **Designation of Regional Referral Hospitals as Teaching Hospital**

The Eastern Regional Referral Hospital and Central Regional Referral Hospital was designated as the Teaching Hospital for the PG Residency Program from 1<sup>st</sup> January 2019. All the specialists of these hospitals were designated as a teaching faculty as per the approval by the 54<sup>th</sup> High Level Committee Meeting of Ministry of Health.

The 3<sup>rd</sup> and 4<sup>th</sup> year residents and intern doctors will be sent to RRHs for the field attachment for a month. This will encourage and motivate the faculty to work and supervise the PG residents at the time of attachment.



*KGUMSB team with officials from Faculty of Medicine, MSU led by Dean- Major General Dr. Vanich Vanapruk after the successful discussion on research agreement*

### **Cross Referral Meeting**

Faculty of Postgraduate Medicine and National Traditional Medicine Hospital, Kawangjangsa started cross referral meeting to discuss on the various aspects of treatment in both the traditional and modern medicine for the benefit of patient and to provide the better care. The meeting convenes 1<sup>st</sup> Saturday of every month.

### **Accreditation of Faculty of Postgraduate Medicine (FoPGM)**

The Faculty of Postgraduate Medicine initiated the process of applying for the Accreditation of Institute with National Accrediting Body (Bhutan Accreditation Council - BAC). Dean' office with the support from the relevant officials developed the Institutional Self-Assessment Report which is a requirement as a part of application of accreditation. The final ISAR report was submitted to BAC.

## **Evaluation of WPBA Implementation**

The revision of PG curriculum in 2018 incorporated Workplace Based-Assessment, which is the new and important section of the curriculum and implemented with July 2018 batch residents.

FoPGM evaluated the implementation of WPBA with two international experts and three national independent committee members mainly focusing on the existing method of implementation and way forwards on making it more effective learning tool in the PG education.

## **Visit to Mahasarakham University, Thailand**

A team from KGUMSB led by the President along with the Dean, Faculty of Nursing and Public Health and other officials attended the 2<sup>nd</sup> International Conference on Health Sciences: A Multidisciplinary Integration for Innovative and Sustainable Health Care in Communities with the theme: Sustainable Health Care Integration and Innovation.



The main objective of the visit to MSU was to sign an agreement between the Faculty of Medicine, MSU and FoTM, KGUMSB to sign the Institutional Investigators Research Collaboration Agreement on 'Clinical research involving patients with memory complaint and early symptoms of dementia' and to discuss on the possibilities of signing the Memorandum of Understanding (MoU) between the two universities in the near future. The agreement for research collaboration between Faculty of Medicine, MSU and FoTM was signed on 22<sup>nd</sup> November 2018. On 23<sup>rd</sup> November 2018, the team met with the President of the MSU Professor Dr. Sampan Rittidech and discussed on the collaboration between the two universities.





*The KGUMSB team meeting with Hon'ble President Professor Dr. Sampan Rittidech, at the Office of President, MSU joined by Dean and senior officials from Faculty of Medicine, MSU*

## Study Visit

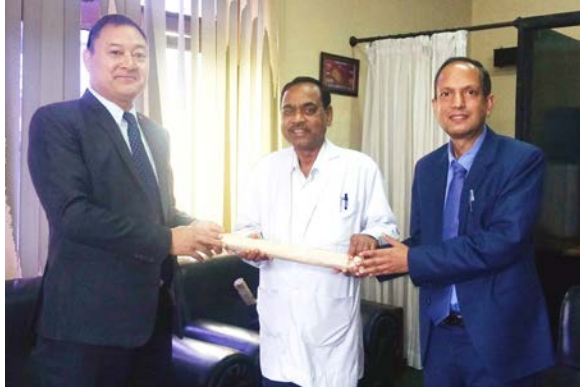
### **Visit to LV Prasad Eye institute at Hyderabad and NIMHANS Institute at Bangalore**

A team led by Registrar, KGUMSB and Faculty from FoPGM visited **LV Prasad Institute** on 11<sup>th</sup> June 2019. The team met with Dr. Taraprasad Das, Vice Chairman of LVP Eye Institute and discussed on the formulation of the MOU.

**On 13<sup>th</sup> June 2019**, the team visited to **NIMHANS Institute at Bangalore** and met with the Director and other officials. The team discussed on areas of collaboration between the two Universities.



### **Visit to Institute of Medicine, TUTH, Nepal.**



A three-member team from FoPGM and teaching hospital visited the Institute of Medicine, Tribhuvan University Teaching Hospital, Kirtipur Hospital and Ministry of Health, Government of Nepal from 6<sup>th</sup> to 7<sup>th</sup> August 2018 with the aim to carry out the feasibility study for ex-country elective posting of General Practice Residents, faculty exchange and

invitation of ex-country external examiner including other academic and research activities not limiting to GP residency program.

### **Visit to Sir Ganga Ram Hospital**

A three-member team led by President visited Sir Ganga Ram Hospital, New Delhi, India on 29<sup>th</sup> and 30<sup>th</sup> April 2019 with the following objective;

1. To revisit the MoU with Sir Ganga Ram Hospital.
2. To discuss on the invitation of the examiners for the Institute Examination III and Thesis Defense Examination.
3. Request for replacement of the advisory board member.

The MoU was extended and signed with the existing terms and conditions and extended till 30 August 2020. The examiners for Thesis Defense Examination and Institute Examination III for 2019 was agreed and finalized.



### **Visit to Institute of Medicine (IOM), Tribhuvan University, Nepal**

A team led by the Deputy Dean (Student Affairs), Faculty of Postgraduate Medicine, along with other officials of the University visited Institute of Medicine (IOM), Tribhuvan University, Nepal from 24<sup>th</sup> to 25<sup>th</sup> June 2019.

The main objective of the visit was to gather some pertinent information and knowledge to help the University to plan the initiation of MBBS programme. The team also discussed on the strengthening of collaboration by the way of signing MoU between the two Universities.

### **Signing of MoU**

The MoU between KGUMSB & Deakin University, Australia was signed on 30<sup>th</sup> October 2018. FNPH hosts Deakin Nursing students every year to teach about Nursing & health systems in Bhutan. It has been successful for more than 6 years which led to the signing of MoU for further collaboration between the University.



### **Disaster Management and Contingency Plan**

In accordance with the Chapter 6, section 66 of the Disaster Management Act of Bhutan, 2013, “Every Agency including the private sector notified by the National Disaster Management Authority shall institute a Disaster Management Unit in its Organization”. Inline to this, the Faculty of Nursing and Public Health developed the Disaster Management and Contingency Plan. It was prepared based on the Contingency Planning Guidelines for Bhutan, Department of Disaster Management “Reducing Disaster Risk for Safe and Happy Bhutan”.

The plan outlines priority on Disaster Risk Reduction (DRR), raising awareness, capacity building activities through training and mock drills. It also has the standard procedure for immediate anticipation to any disaster. There is an urgent need for Disaster management and Contingency plan to strengthen local disaster management system and also to reduce disaster risk with the changing of the frequency of disaster occurrence in the country. The plan will be revised yearly to ensure mainstreaming and integration of disaster risk reduction into our faculty’s annual plans.



*The Disaster Contingency plan for FNPB was formally launched on 17<sup>th</sup> October 2018 by the Dean.*



## **Affiliated Institutes**

The affiliation of institutes, centres and teaching hospitals with the University is vital to maintain standards of medical education to ensure academic excellence, promote national and international recognition.

### **1. The Royal Thimphu College**

The Royal Thimphu College was affiliated with University for Bachelor of Nursing & Midwifery on 4<sup>th</sup> March 2019.

### **2. Apollo Bhutan Institute of Nursing**

The Apollo Bhutan Institute of Nursing was affiliated with University for Diploma in General Nursing & Midwifery on 1<sup>st</sup> July 2019.

## **Governing Board of BHJ**

1<sup>st</sup> Governing Board of BHJ was conducted on 10<sup>th</sup> May 2019. As per the Journal Policy, the Governing Board members shall constitute President and Deans' of three constituent faculties. The initial tenure for Editor-in-Chief shall be for five years with option to extend depending on the performances and willingness to continue. The Governing Board recommended and endorsed to extend the tenure of Editor-in-Chief for another five years.

List of International Delegates to University		
Sl. No	Reason of Visit	No. of Delegates
1	Elective Students	27
2	Health Volunter Overseas	40
3	Kyoto Volunteers	23
4	4th ICMH	15
5	Conduct Health Professional Education	17
6	HIGAN Project	4
7	Investigation of Epidemiology and Transmission of Leishmaniosis	3
8	Conduct Work Place Based Assesment To Faculty	1
9	Conduct workshop and training at FoPGM	13
10	Conduct workshop and training at FNPH	7
11	Conduct workshop and training at FoTM	1
Total		151



### Contact Details

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