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Khesar Gyalpo University of Medical Sciences of Bhutan

ANNUAL REPORT 2019 - 2020

*"....I have no personal goals
or ambitions....My biggest
responsibility as The King is to
facilitate and ensure the fulfillment
of all dreams and aspirations of the
people of Bhutan....."*

*Coronation Address of His Majesty
The King Jigme Khesar Namgyel
Wangchuck, 2008.*



Message from Governing Council Chair

2019-2020 fiscal year was an unprecedented year!

The 2019 part brought good tidings. As promised, the government implemented the much anticipated pay revision which largely benefited teachers and health workers. And the University being composed of teachers and health workers stood to benefit the most. The Pay Revision proposal put up by the University was endorsed by the 10th Governing Council meeting held on 21st November 2019 and approved by the government as proposed with effect from July 2019. I can observe and visibly palpate the level of energy, enthusiasm and effort colleagues in the University and JDWNRH are putting in – in teaching and learning, research and in patient care.



The 2020 part brought COVID 19 with its tragedies, challenges, opportunities and lessons learnt. Ever since the first case was announced on 6th March 2020 morning, the government machinery particularly the Ministry of Health has been on a war footing and in the frontline of combating this pandemic. Under the benevolent and visionary leadership of our Monarchs, the protection and prayers of our Guardian deities and Zhung Dratshang and with the collective efforts of all the people of Bhutan, we have been successful in keeping COVID 19 at bay and preventing any major community transmission despite the explosion of cases and deaths in the neighborhood as well as in the world.

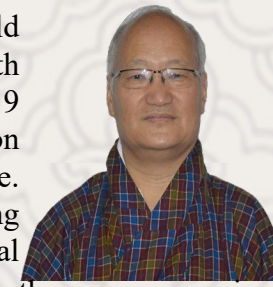
In the fight against COVID 19, I have seen the University take a proactive role since the very beginning. Officials of the University played an important active role as members of the Covid 19 Response Technical Advisory Group (TAG) and Technical Working Group (TWG) at the highest level to as trainers and frontline workers supplementing the existing health workforce with newly trained personnel as well as using students as backup. The post graduate students, interns and nursing and allied health students continued to provide essential health services despite closure of the university. Overall, I feel deeply satisfied and proud to be part of the University, particularly during these trying times to see the University truly living up to its vision, mission and mandates. I would like to thank and congratulate the KGUMSB family for their hard work.

Dr. Lyonchhen Lotay Tshering

Chairperson
Governing Council

Message from President

The fiscal year 2019-2020 was one of the crucial years in the history of the University. The normal functioning of the world suddenly came to halt in the second semester of the year with emerging of COVID-19 pandemic. With the COVID-19 on the rise, the working and the functioning of institution shifted from daily work to online and work from home. It was challenging as to transit to new way of functioning and also continuing to provide our medical and technical support to the Ministry of Health in combating the corona virus. Prior to Covid-19, International Conference on Medical and Health Sciences was held as an annual activity of University in its effort to promote and strengthen research for evidence-based practice and decision making. It was held from 25th to 27th October, 2019 with the theme “Mental Health Matter: Everyone’s responsibility”.



Faculty of Traditional Medicine in its response to COVID-19 and in partnership with the Tourism Council of Bhutan launched two weeks short course training (Basic Sowa Rigpa) on 18th May 2020 to help in recovery of tourism sector and also allow the tour guides to explore new job opportunities outside tourism.

It gives me immense pleasure to reflect upon how our university participated as a responsive agency to help combat COVID-19. On the Command of His Majesty the Druk Gyalpo, to prepare for the worst-case scenario, about 337 volunteers from the Civil Service, Desuung and HOPE were trained in 10 different batches by the faculty of University in collaboration with Ministry of Health in Thimphu, Mongar, Gelephu and Phuentsholing. Moreover, we are thankful to all students and faculty members in their selfless dedication and commitment shown to work as the Frontline workers.

Amid the COVID-19 scenario in the world, we were able to launch our Sorig meusum at Faculty of Traditional Medicine. The facility aims to preserve, promote and advocate the unique system of traditional medicine. Furthermore, University was fortunate enough to receive the JICA assistance in Technical cooperation project for Strengthening Quality of Medical Education in the country for another 5 years to develop a sustainable and quality human resources and also digitalized medical education.


Hence, I express my heartiest pleasure to present this Annual Report and present my sincere gratitude to our honorable Governing Council members, Honorable Advisory Board members, our collaborators and well-wishers for your continuous generous support. I would like to take this opportunity to thank all the faculties members, staff and students for you combined effort and support and look forward to similar cooperation and support in the coming years.

Dr. Kinzang P. Tshering

President

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**LEARNER
CENTERED
ACTIVITIES**

Medical Humanities Workshop

Faculty of Postgraduate Medicine conducted first ever Medical Humanities workshop for the 1st year residents as a mandatory activity for residents as per the PG curriculum. The workshop was conducted on 21st to 23th October 2019 with two international experts, Professor Saroj Jayasinghe and Dr. Ashwini De Abrew, University of Colombo, Sri Lanka along with the local experts.



The medical humanities module in the PG residency curriculum is incorporated with the revision of PG curriculum in 2018. The module includes areas such as communication skills, medical ethics, professionalism, health systems and changing behaviors among others. These are all important qualities required in modern day practicing specialist doctors.



Resident's Elective Program

As per the Postgraduate curriculum and Bhutan Medical and Health Council regulation, it is mandatory for PG residents to undergo elective programs to get exposure and enhancement of their knowledge and skills in the respective field both within and outside the country.

The seven 3rd year residents were sent for ex-country elective to Sir Gangaram Hospital, New Delhi, India in the month of February 2020 for a period of 1 month. One General Practice resident was sent for 3 months elective placement to Institute of Medicine, Tribhuvan University Teaching Hospital, Kathmandu, Nepal from 1 March to 24 May 2020 however, she could not complete the elective due to COVID. This is to expose the Resident's in various subspecialties in their respective fields of study, particularly those not available in Bhutan and also other academic activities.

In addition, the five-4th year and eight 3rd year residents were sent for in-country elective to Regional Referral Hospitals to gain experience in resource limited settings. They were sent in the month of October to December 2019 in the batches.

Internship Attachment to RRHs

With the designation of two Regional Referral Hospitals as teaching hospital, the interns are posted to RRHs to gain experience working in the resource limited settings. This is the first time nine interns are posted to RRHs.





Resident Conference/workshop/Attachment

FoPGM provides Resident students with the opportunity to participate in the in-country and Regional conference and workshops to enhance their learning and also to keep abreast with the advancement in medical field. Annexure 1 provides the details of their visit.

Data Science Workshop

Under the Grant support Cheque No # 340175 & Work description, Data Science Workshop was coordinated by MECRIT, in collaboration with Ministry of Health for 150 students from the constituent and affiliated Faculties under KGUMSB.

Observation of International Days

1. International Day of Peace on 21st September, 2020

Rovers, Scouts and Messengers of Peace of FNPH and FoTM observed International Day of Peace with the theme “PEACE RUN”



2. Observation of World Breastfeeding Week 2019 at FNPH

Every Year World Breastfeeding Week is observed from 1st to 7th August. The event was organized by FNPH in collaboration with MoH and UNICEF Country Office to mark the week. There was poster and slogan competition among students in the faculty.

The week long observation was graced by honorable UNICEF Representative, Mr Will Parks on 6 August 2019 at FNPH.



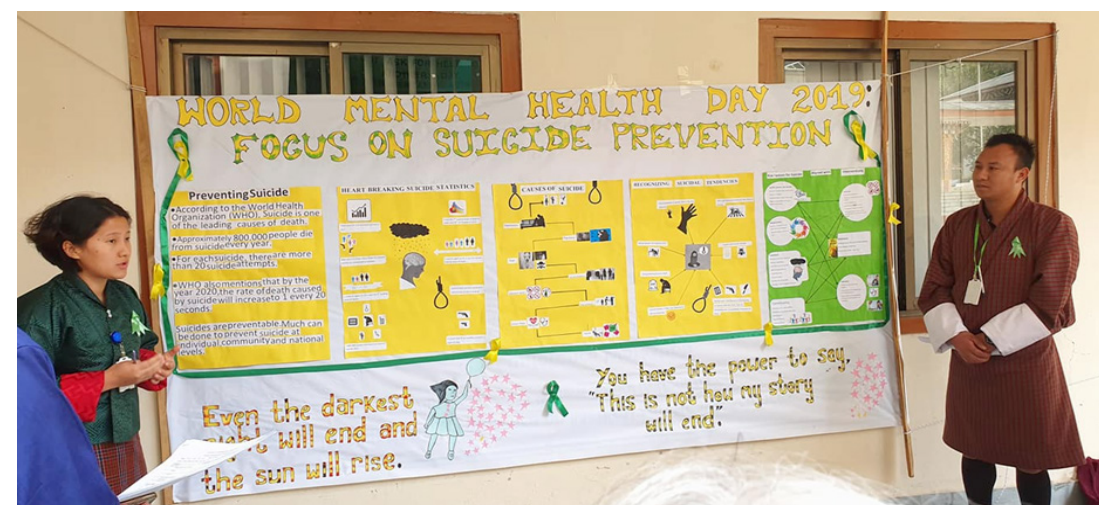
3. Patient safety day

Patient Safety day was observed at FNPH with MOH, WHO, JDWNRH, KGUMSB and Patients with the theme "Speak up for Patient Safety" on 17th September, 2019.



4. World Mental Health Day

World Mental Health Day was observed with poster presentation by students at FNPH on 11th October, 2019



Co-curricular activities

1. Annual concert

Annual concert is an annual event of both FNPH and FoTM. It is an open platform for the students to showcase their talents apart from the daily clinical posting and classes. It also creates bonding between students and faculty members. Both the faculty held their annual concert During Autumn semesters



2. Ms. Tshering Yangdon, EMR final year student at FNPH published her book "Cursed Sun"



3. Inter category Quiz Competition on 20th September at FNPH



HUMAN RESOURCE DEVELOPMENT

Staff Statistics

Institute	Category	Number
Office of the President (OOP)	Executives & Specialist	4
	Management and Support Staff	35
	Total	39
Medical Education Centre for Research Innovation and Training (MECRIT)	Executives and Specialist	1
	Management and Support Staff	5
	Total	6
Faculty of Postgraduate Medicine (FoPGM)	Full-time Faculty	9
	Core Faculty	61*
	Adjunct Faculty JDWNRH	5*
	Adjunct Faculty 2 RRHs	25*
	Management and Support Staffs	15
	Total	24**
Faculty of Traditional Medicine (FoTM)	Executives	6
	Academicians	12
	Management and Support Staff	17
	Adjunct Faculty *	4
	Total	35
Faculty of Nursing and Public Health (FNPH)	Executives	1
	Fulltime Faculty	41
	Management and Support Staff	30
	Adjunct Faculty*	16
	Core Faculty*	63
	Total	72
Bhutan Health Journal	Editor in Chief	1
	Support Staff	2
	Total	3
Grand Total		179

* Faculties at JDWNRH and Regional Referral Hospitals

** Total staff at FoPGM, KGUMSB

Awards - 2019

Best faculty award for the year 2019

The Faculty of Postgraduate Medicine has initiated the BEST FACULTY award of the Year. This is initiated as an effort to recognize the faculty members for their dedicated effort and hard work to strengthen the postgraduate residency programme.

The following three faculties are awarded the best faculty of the Year 2019 on 28 February 2020 coinciding with the Foundation Day of University.

1. Dr. Sonam Gyamtsho – Assistant Professor
2. Dr. Kesang Namgyal – Assistant Professor
3. Dr. Kuenzang Wangdi – Senior Lecturer

Faculty of Nursing and Public Health (FNPH):

Certificate of Honor and the recipient employee of the year 2019 with Hon'ble Dean on 28th February 2020



Faculty of Traditional Medicine : Employee of the Year

1. Drungtsho Tempa Gyeltshen, Dy. Dean Academic Affair (From Faculty category)



2. Mr. Dorji Phuntsho, Sr. Administrative Officer (From Support staff category)

Training and Workshops on Human Resource and Administration Skills

1. Five support staff from FoTM with the funding support from the faculty, attended two weeks training with effect from 14th October, 2020 on “HR and Admin Skills” at HR Training Centre, Kathmandu, Nepal.
2. Conducted ToT workshop in Sorig Spa and Massage for the faculty members at Paro in November, 2019.
3. FNPH’ Semester Review and Planning Retreat at FTC Punakha, 7th to 8th Jan 2020.



4. Workplace Based Assessment Workshop

Faculty of Postgraduate Medicine conducted Workplace-Based Assessment (WPBA) workshop for the faculty members including the faculties of RRHs. The training for the faculties of JDWNRH teaching hospital was conducted on 2 and 3 October 2019, on 7 and 8 October 2019 for CRRH faculties and on 11 and 12 October 2019 for ERRH hospital. The training was conducted with the support of Professor Matthias Siebeck, Center for International Health (CIHLMU), Germany.

WPBA is one of the new inclusions which is the modern approach in the revised PG curriculum. The training was conducted with the recommendation of program evaluation of WPBA implementation conducted by Dean’s Office with two independent committees in July 2019.

The inclusion of WPBA is mainly to improve the quality of medical education through continuous monitoring and evaluation of the residents.



5. Health Profession Education Workshop

Faculty of Postgraduate Medicine, KGUMSB conducted Health Profession Education workshop for Teaching faculty of Faculty of Traditional medicine, Faculty of Nursing and Public Health, Faculty of Postgraduate Medicine including the faculties of affiliated institutes under the University from 27th to 31st January 2020.

The training was conducted by group of local expert resources who have been groomed by the International experts in last few years in the field of Health Profession Education. The workshop covered curriculum development components, teaching-learning strategies (latest trending ones) and various assessment methods with more emphasis on OSCE/OSPE.

The training is conducted in order to improve the ability of the faculties to contribute more efficiently in day to day teaching-learning activities. The program also supports the faculty to update regarding the recent advancement in teaching technologies in Medical Education.



Health Profession Education Workshop

January 27 to 31, 2020

Organized by Faculty of Postgraduate Medicine, KGUMSB

6. Training for in-service Traditional Medicine Professionals

With the support from World Health Organization, three weeks short course in elderly care management for in-service sMenpa was conducted with effect from 12th August till 31st August, 2019 by FoTM.

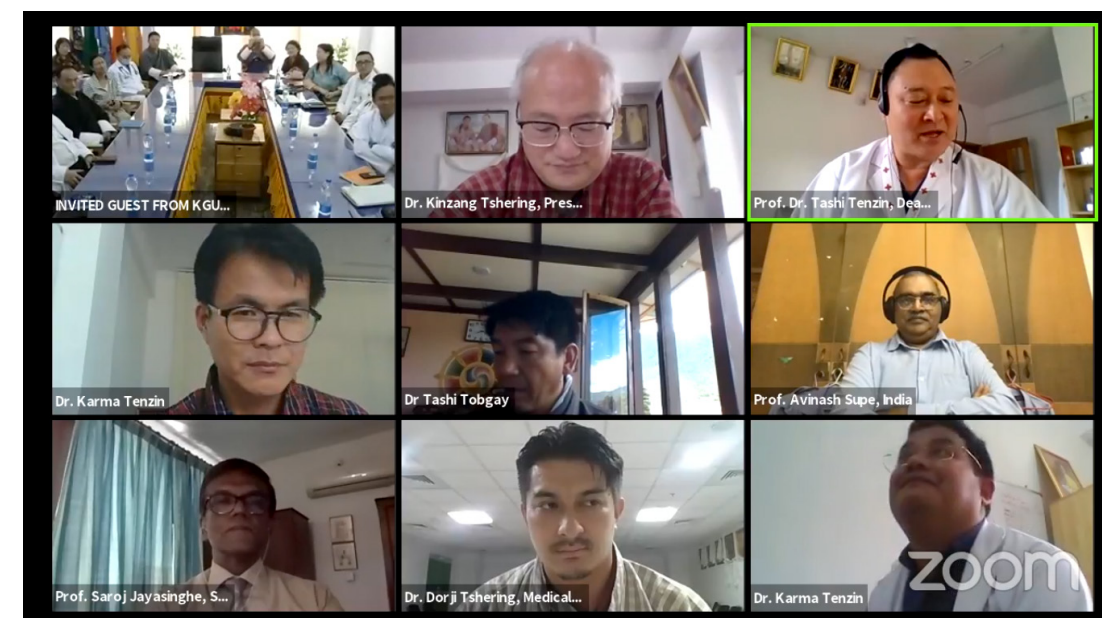


7. Virtual Health Profession Education Conference

Faculty of Postgraduate Medicine, KGUMSB conducted first ever Virtual Health Profession Education Conference on 23rd June 2020. The title of the conference was “The making of 21st Century doctors in Bhutan; Use of Artificial Intelligence, big data and also ingrain the values that fits the need of 21st Century”.

The conference is conducted with following aims and objectives;

1. To share perspectives about Bhutanese health system and doctors.
2. To develop insight into the use of AI, big data and values in the international arena.
3. To understand the place of “Technical domain” an emerging domain in T-L in 21st century besides the traditional Cognitive (knowledge), Psychomotor (skills) and affective (attitude) domains.
4. To learn, if KGUMSB can contextualize and incorporate in our T-L system



8. Training on Trauma Care for Nurses

MECRIT in collaboration with Faculty of Postgraduate Medicine, (FoPGM) under Khesar Gyalpo University of Medical Sciences of Bhutan (KGUMSB) has organized the training from 16th -21st September 2019 at Hotel Town View, Paro for 15 participants from 13 different Districts/ Health Units under Ministry of Health and 2 participants from Army hospital, Lungtenphug, Thimphu with funding support from WHO

9. Hospital Administration and Management training

The five days training on Hospital Administration and Management was conducted for 13 participants consisting of administrative officers and assistant administrative officers from 30th September to 4th October 2019 at Hotel Town View Resort, Paro with funding support from WHO



**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	2	1	3
	MD in Anesthesiology Year 2	0	0	0
	MD in Anesthesiology Year 3	1	1	2
	MD in Anesthesiology Year 4	1	0	1
2	MD in General Practice Year 1	1	0	1
	MD in General Practice Year 2	0	1	1
	MD in General Practice Year 3	0	1	1
3	MD in General Surgery Year 1	2	0	2
	MD in General Surgery Year 2	1	1	2
	MD in General Surgery Year 3	2	0	2
	MD in General Surgery Year 4	1	0	1
4	MD in Internal Medicine Year 1	1	2	3
	MD in Internal Medicine Year 2	1	0	1
	MD in Internal Medicine Year 3	1	1	2
	MD in Internal Medicine Year 4	2	1	3
5	MD in Orthopedics Year 1	1	0	1
	MD in Orthopedics Year 2	2	0	2
	MD in Orthopedics Year 3	1	0	1
6	MD in Pediatrics Year 1	1	2	3
	MD in Pediatrics Year 2	0	1	1
	MD in Pediatrics Year 3	1	0	1
	MD in Pediatrics Year 4	1	0	1
7	MD in OBGYN Year 1	0	2	2
	MD in OBGYN Year 2	0	2	2
	MD in OBGYN Year 3	1	1	2
	MD in OBGYN Year 4	0	0	0

8	MD in Ophthalmology Year 1	0	1	1
	MD in Ophthalmology Year 2	0	0	0
	MD in Ophthalmology Year 3	0	0	0
	MD in Ophthalmology Year 4	0	1	1
9	MD Psychiatry Year 1	0	1	1
	MD Psychiatry Year 2	1	0	1
10	MD Emergency Medicine Year 1	1	1	2
	MD Emergency Medicine Year 2	2	0	2
11	MD OTORHINOLARYNGOLOGY-HEAD AND NECK Year 1	1	0	1
Total		29	21	50

Faculty of Nursing and Public Health

Sl. No.	Academic Programs	Number of Students		Total
		Male	Female	
1	B.Sc. in Public health 2nd Year (in-service)	2	2	4
2	B.Sc. in Nursing and Midwifery 2 nd Year (in-services)	5	6	11
	B.Sc. in Clinical Counseling 1 st Year	3	3	6
3	B.Sc. in Clinical Counseling 2 nd Year	3	3	6
	B.Sc. in Clinical Counseling 3 rd Year	3	3	6
	B.Sc. in Clinical Counseling 4 th Year	2	4	6
4	Diploma in General Nursing & Midwifery 1 st Year	22	25	47
	Diploma in General Nursing & Midwifery 2 nd Year	20	30	50
	Diploma in General Nursing & Midwifery 3 rd Year	19	28	47

5	Diploma in Community Health 2 nd Year	15	15	30
	Diploma in Community Health 3 rd Year	10	18	28
6	Diploma in Dental Hygiene 2 nd Year	4	4	8
	Diploma in Dental Hygiene 3 rd Year	2	2	4
7	Diploma in Dental Technician 2 nd Year	5	2	7
	Diploma in Dental Technician 3 rd Year	2	2	4
8	Diploma in Medical Laboratory Technology 2 nd Year	10	2	12
	Diploma in Medical Laboratory Technology 3 rd Year	7	7	14
9	Diploma in Radiology 2 nd Year	6	2	8
	Diploma in Radiology 3 rd Year	7	3	10
10	Diploma in Pharmacy 2 nd Year	4	2	6
	Diploma in Pharmacy 3 rd Year	3	3	6
11	Diploma in Physiotherapy 2 nd Year	8	4	12
	Diploma in Physiotherapy 3 rd Year	5	5	10
12	Diploma in Emergency Medical Responder 1 st Year	13	2	15
	Diploma in Emergency Medical Responder 2 nd Year	8	12	20
	Diploma in Emergency Medical Responder 3 rd Year	12	8	20
13	Diploma in Foundation Course	46	44	90
Total		245	242	487

Faculty of Traditional Medicine

Sl. No.	Academic Programs	Number of Students		Total
		Male	Female	
1	MD in Traditional Medicine	2	2	4
2.	B.Sc. in Traditional Medicine 1 st Year	5	3	8
	B.Sc. in Traditional Medicine 2 nd Year	4	3	7
	B.Sc. in Traditional Medicine 3 rd Year	5	3	8
	B.Sc. in Traditional Medicine 4 th Year	6	1	7
	B.Sc. in Traditional Medicine 5 th Year	6	1	7
3.	Diploma in Traditional Medicine 1 st Year	3	9	12
	Diploma in Traditional Medicine 2 nd Year	4	8	12
	Diploma in Traditional Medicine 3 rd Year	10	5	15
Total		45	35	80

New Academic Programmes

The entrance examination for the 6th batch of Residents was conducted on 8 May 2019. A total of 20 candidates were selected including one candidate in MD Otorhinolaryngology –Head and Neck (ENT) for the new course that was started from July 2019. The two candidates from Royal Bhutan Army was also selected to under undergo PG residency programme.

Graduation

The following five Postgraduate residents of FoPGM has graduated in June 2020.

1. Dr. Chhimi Wangmo, MD Ophthalmology
2. Dr. Pema Jamtsho
3. Dr. Sangay Wangchuk, MD internal Medicine
4. Dr. Sonam, MD Pediatrics
5. Dr. Tenzin Gawa, MD Internal Medicine



FoTM

Four Masters in TM, Eight Drungtsho, 15 sMenpa and 8 Diploma in Pharmacy students graduated from the institute in June 2019.

Seven Druntsho and Fifteen sMenpa student graduated from the institute in June 2020. Provisional certificates were awarded to the outgoing graduates.

**FNPH .**

137 students graduated from FNPH in July 2019 and 164 in June 2020

Internship Program

Faculty of Postgraduate Medicine, KGUMSB offers one-year internship programme for medical students which is 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. The following batch of interns were inducted;

10th Batch; January 2020 to December 2020 – 5 Interns

11th Batch; July 2019 Batch June 2020 - 22 Interns

Award of Certificate

Certificate awarded to Kezang Norbu of Diploma in Traditional Medicine, 2nd year for the significant improvement in his academic performance. Certificates was also awarded to the students of Diploma in Traditional Medicine 2nd year for achieving 100% increase in academic performance during the autumn semester, 2019.

**Training and workshops**

1. The Training of Trainers (ToT) for a duration of 7 days at FNPH and 7 days at Wangdue Hospital on Helping Mothers' Survive for the nurses working in the maternity and/or birthing centers and faculties of FNPH & ARURA Academic of Health Science to update on latest evidence and to improve their competency and confidence level in management of women Bleeding After Birth Complete (BABC) or Pre-Eclampsia or Eclampsia started from 18th August 2019 to 1st September 2019 was completed by awarding the certificates to participants by the Hon'ble Director, DoPH and Hon'ble Dean, FNPH respectively.

This training was organized by FNPH in collaboration with RMNH program, MoH with the financial support from UNFPA country office.



2. Nursing Checklist finalization workshop at Paro on 27th July, 2020



3. Revision of Nutrition Curriculum for Bachelors of Public Health and Health Assistant students at Paro from 6th to 8th November 2019.



4. Child care /IMCI workshop

The University conducted an eight-day workshop on IMNCI/ARI, VDPD, RCDC and IPC from 9th to 16th August 2019 at Punakha for newly graduated Health Assistants by the facilitators from different stakeholders and experts.



5. Interpersonal Communication workshop

Interpersonal Communication Workshop was conducted in collaboration with MoH and UNICEF at FoTM for the Technician and GNM graduates of 2019 on 30th September 2019.



Short Course Training Programmes

1) 9 in-service students underwent 7 months specialize course in the areas: such as PICU, NICU, AICU, Dialysis and Perioperative Nursing from 21st January, 2020.



2) Faculty of Traditional Medicine, KGUMSB in partnership with the Tourism Council of Bhutan launched two weeks short course training (Basic Sowa Rigpa) on 18th May 2020. The course covers specific areas under Sowa Rigpa such as History of Sowa Rigpa, Identification of Medicinal Plants, Introduction to Three Humors, Hot Spring and Medicinal Water, Sorig Diet and Behavior, Sorig Mindfulness, Sorig Yoga and a field trip to identify medicinal plants. The participants will also be sensitized on COVID 19. As tourism recovery remains highly uncertain due to COVID 19, the participating tour guides were urged to explore alternative job options outside tourism.



3. Training of Frontline Volunteers for COVID-19 Response

On command of His Majesty the Druk Gyalpo, to prepare for the worst-case scenario, about 337 volunteers from the Civil Service, Desuung and HOPE were trained in 10 different batches in Thimphu, Mongar, Gelephu and Phuentsholing. The training was organized jointly by the Ministry of Health and Khesar Gyalpo University of Medical Sciences of Bhutan.



The 1st batch attended a six-day course on Basic Frontline Responders for COVID-19, which started on 20th April 2020, and successfully completed the training with the award of certificate of completion to the participants on 25th April, 2020. The 1st batch saw 30 participants, who were all Desuup and now called Desuup Plus.

Exchange Program

1. Faculty Student exchange visit from School of Nursing, Jichi Medical University Japan.



2. Faculty and students from ECU, Australia for student exchange program visit to FNPH and donated some reference books to library on 11 September, 2019



3. Group of fourteen nursing students and two faculty from School of Nursing, Deakin University, Melbourne, Australia on 10 day study visit to FNPH, KGUMSB.



Faculty Exchange, Conference/workshop from the university.

Many of the faculty members got the opportunity to attend international conferences and faculty exchange Programme. (Annexure 2).

RESEARCH & INNOVATION

International Conference on Medical and Health Sciences

International Conference on Medical and Health Sciences is an annual activity of KGUMSB in its effort to promote and strengthen research for evidence-based practice and decision making. It was held from 25th-27th October, 2019, at the University Convention Hall, Royal University of Bhutan (RUB), Motithang, Thimphu. The theme for this Conference was “Mental Health Matter: Everyone’s responsibility” with funding support from RGoB and UNICEF Bhutan



Thesis Proposal Presentation of 1st year residents

The residency program mandates to conduct a fulltime thesis by all the Residents as a part of course and have to defend at the end of 3rd year. It is one of the important components in the generic curriculum of PG residency programme.

The research class is more structured with the adoption of Bhutan Structured and Mentoring Approach to Research Training (B SMART) course module. At the end of the training, there is a plenary session where the residents have to present the research work to external reviewers, before submitting to Research Ethics Board of Health (REBH). In this line, the Dean's Office invited three ex-country external reviewers from the renowned institutes. This is the first ever plenary session with external reviewers from the ex-country.



Clinical Services at Center for Research in Respiratory and Neuroscience

Year	Services	Total patients
2019	EEG	69
	NCV/EMG	195
	PFT	322
2020	EEG	70
	NCV/EMG	102
	PFT	143



Big Data Bhutan and AeHIN Convergence Workshop on Enterprise Architecture

Khesar Gyalpo University of Medical Sciences of Bhutan (KGUMSB) in collaboration with Ministry of Health (MoH), MIT (Massachusetts Institute of Technology) Critical Data Team, Asia eHealth Information Network (AeHIN), with funding support from Bhutan Foundation, organized the “Big Data Bhutan and AeHIN Convergence Workshop on Enterprise Architecture” from 27th -29th October 2019. The workshop was organized back-to-back with the ‘International Conference on Medical and Health Sciences and there was a total of 93 participants consisting of health professionals from different districts and health units under Ministry of Health, IT and other officials from different organizations attended the workshop successfully. MECRIT coordinated the workshop.



Field Epidemiology Training Program

The Field Epidemiology Training Program was coordinated by MECRIT in collaboration with Ministry of Health from 4th to 30th November 2019 for two batches. A total of 31 health professionals including Program officers attended the training. The FETP was targeted to train the fresh medical doctors, laboratory technologists, program officers, and public health officials on basic principles, methods and application of epidemiology in improving delivery of public health services in the country with funding support from WHO.

Health Service Deliver Indicator(HSDI) Survey

Following the submission of expression of interest (EOI) to the World Bank to conduct Health Service Delivery Indicator (HSDI) survey in Bhutan, KGUMSB was selected to conduct the survey in Bhutan. The selection was mainly based on the technical capacity, location and feasibility to carry out the HSDI survey. This survey is part of the government's ongoing effort to improve the utilization of resources and quality of services and funded by World Bank.

In this regard MECRIT has coordinated a three-day meeting with the core group for HSDI survey from 12th to 14th November 2019 and another three-day workshop with Ministry of Health and World Bank officials from 20th to 22nd November 2019 at IMS, Thimphu to finalize survey tools and field guide for HSDI survey.

As part of preparation for the aforementioned survey, MECRIT coordinated a pilot survey which was conducted from 7th to 12th January 2020 in four Dzongkhags. Piloting was followed by several rounds of meeting to update the study tools.

Institution of Interim-Institutional Review Board

The proposition to institute the Interim Institutional Review Board (I-IRB) to facilitate smooth conduct of Postgraduate academic thesis came within a short notice from the concerning Faculty. However, the administrative and other technical proceedings for the information of I-IRB are timely addressed and I-IRB was successfully instituted in KGUMSB from 12th May 2020

KGUMSB Research Information Management System (KGURIMS)

Initiated KGUMSB Research Information Management System (KGURIMS) development from 8th May 2020 as beta version to further develop KGUMSB Research Information Enterprise System (KRIES).

Second Research Grant Awarded to the Research Grantees

MECRIT in collaboration and with funding support from Bhutan Foundation awarded a research grant to eleven grantees.

INFRASTRUCTURE & RESOURCES

SORIG Museum

H. E. Prime Minister Dr. Lotay Tshering inaugurated the Sorig Museum at Faculty of Traditional Medicine. The event was attended by Guenzhung Neten and other relevant officials from various agencies. An initiative of the Faculty of Traditional Medicine, the facility aims to preserve, promote and advocate the unique system of traditional medicine.



Construction of KGUMSB Secretariat at Wangchutaba

The kickstart of construction of KGUMSB Secretariat at Wangchutaba in the fiscal year 2019-2020 had been hampered by the Covid-19 pandemic and shall be started from the 2020-2021 fiscal year. The drawings of the project which has been prepared in-house has been approved by the Thromde and the engineering unit shall finalize the estimates and other documents and keep ready for tendering process.

Nevertheless, a single storied permanent site office (measuring 9.50m x 7.50m) which shall be put to use as caretaker quarter after the completion of the project has been constructed at a cost of Nu.1.64 Million. The construction of the site office was executed with 100% national work force. The engineering unit has been shifted to the site office.



Financial Statement

Brief Capital Budget for the Financial Year:

Approved Capital Budget for the Financial Year:2019-2020

Faculty	Current	Capital	Other Funding	Total
Office of President	64.969	33.600	14.752	113.321
FoTM	22.640	1.549	-	24.189
FNPH	25.622	11.549	0.840	38.011
Total	113.231	35.149	15.592	175.521

Faculty of Traditional Medicine, Income & Expenditure statement FY 2019-2020

Sl. No	ACTIVITY LINE	APPROVED
1	PERSONNEL EMOLUMENTS	16,574,353.83
2	STIPEND	1,426,300.00
3	TRAVEL	1,246,722.00
4	UTILITIES	892,254.00
5	SUPPLIES & MATERIALS	531,642.00
6	MAINTENANCE & PROPERTIES	1,073,182.40
7	OPERATING EXPENSES	455,696.70
8	HOSPITALITY & ENTERTAINMENT	80,000.00
9	CONTRIBUTIONS	1,326,603.00
10	TRAINING	2,392,562.68
11	FURNITURE & OFFICE EQUIPMENT	480,344.00
12	PROFESSIONAL SERVICES	430,000.00
13	PUBLICATION OF HIGH-ALTITUDE MEDICINAL PLANT	46,557.00
TOTAL		26,956,217.61
BUDGET BALANCE		1,019,840.89

INCOME DETAILS FOR FY 2019-20

Sl.No	INCOME DETAILS	AMOUNT
1	Tuition Fees	3,382,175.00
2	Rental Charges for Staff Quarter	75,424.00
3	RGoB Grant (Capitation Fees + Base Grant)	22,640,000.00
4	Miscellaneous Income	58,829.50
5	Rental Income	1,738,380.00
6	Support From OOP-KGUMSB	17,200.00
TOTAL		27,912,008.50

Faculty of Nursing & Public Health, Income & Expenditure statement FY 2016-2017

Income	For the year end 30-6-2019	For the year end 30-6-2020
Direct Income (Per student cost from RGoB, fee from self-funding students and gratuity)	50,090,500.00	64,945,200.00
Opening balance for FY 2017-2018	9,660,000.00	8,274,814.14
Indirect Income (Rental, Research, Miscellaneous income)	1,936,710.15	11,621,013.67
TOTAL	61,687,210.15	84,841,027.81
Expenditure		
01. PERSONNEL EMOLUMENTS/PAY & ALLOWANCES	25,622,887.50	34,704,228.75
05. STIPEND	7,405,000.00	8,490,500.00
11. TRAVEL	3,998,457.00	2,860,264.00
12. UTILITIES	1,340,094.00	1,154,236.00
14. SUPPLIES & MATERIALS	1,301,253.74	3,153,152.00
15. MAINTENANCE & PROPERTIES	1,641,227.36	6,418,634.26

17. OPERATING EXPENSES	2,082,795.55	1,709,597.00
18. HOSPITALITY & ENTERTAINMENT	26,200.00	28,058.00
24. CONTRIBUTIONS PF	1,659,232.00	3,019,270.20
45. TRAINING	1,235,757.61	38,000.00
54. SPORTS ITEMS, LIBRARY BOOKS & FURNITURE & FIXTURES	3,520,641.00	6,875,635.75
56. PROFESSIONAL SERVICES DS & RD	3,578,850.25	6,749,741.00
Total	53,412,396.01	76,485,686.96
Closing Balance	8,274,814.14	8,355,340.85

GOOD GOVERNANCE

Technical Cooperation Project

The Khesar Gyalpo University of Medical Sciences of Bhutan (KGUMSB) will be implementing the Technical Cooperation Project titled “Strengthening Medical Education in Bhutan” supported by Japan International Cooperation Agency (JICA). The Technical Cooperation project is for five year.



Health human resources are the backbone of the health care system. Through this project, the University shall improve capacity development of health care professionals in close collaboration with the Ministry of Health and designated 3 Teaching Hospitals, Jigme Dorji Wangchuck National Referral Hospital (JDWNRH), Eastern Regional Referral Hospital (ERRH) in Mongar and Central Regional Referral Hospital (CRRH) in Gelephu.



The Minutes of the Meeting was signed by Mr. Kozo Watanabe, Chief Representative of JICA Bhutan Office, Dr. Kinzang P. Tshering, President of KGUMSB, Dr. Ugyen Dophu, Secretary of Health and Rinchen Wangdi, Director of Gross National Happiness Commission (GNHC), at Main Conference Hall, Office of the President, KGUMSB on 17th July 2020.

Signing of MoU with IOM

Memorandum of understanding signed Between Khesar Gyalpo university of Medical Sciences of Bhutan (KGUMSB), Bhutan and the Institute of Medicine (IOM), Tribhuvan University, Maharajgunj Medical Campus, Kathmandu, Nepal on 30th January 2020.



Signing MoU between FoTM and Tongtophey BHU-II Center

The Memorandum of Understanding (MOU) was signed between Dzongkhag Administration, Trongsa and Faculty of Traditional Medicine, Khesar Gyalpo University of Medical Sciences of Bhutan for the handing taking note of Tongtophey BHU-II Center on 18th June 2020.



The Center will be utilized by FoTM as Traditional Medicine Field Training Center.

Governing Council

During the Governing Council Meeting Lyonchen Dr. Lotay Tshering released the University Annual Report 2018-2019.



APA signing

Khesar Gyalpo University of Medical Sciences of Bhutan signed APA 2019-2020 with Hon'ble Prime Minister on 7th October 2019.



University Foundation Day Celebration

University 5th Foundation day was celebrated on 28th February and it was graced by Honorable Health Minister Lyonpo Dechen Wangmo. During the auspicious day, best employee certificates were awarded.



ANNEXURE

Annexure 1. Resident Conference/workshop/Attachment

Sl. No.	Name	Designation/Department	Conference/Attachment	Institute/Country	Date	Funding Source
1	Dr. Tshering Norbu	3 rd Year, Internal Medicine Resident	Regional Conference on Cardiology Society of India Cardiac Prevent	Guwahati, India	18 to 20 October 2019	KGUMSB
			Electives Placement for the PG Residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	1 February to 1 March 2020	KGUMSB
2	Dr. Tenzin Yoezer	3 rd Year, Anesthesiology Resident	Attachment at Bangkok Anesthesia Regional Training Center	Bangkok, Thailand	16 January 2020-15 January 2021	WFSA-BARTC Scholarship
			Electives Placement for the PG Residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	3 rd to 30 th March 2019	KGUMSB Budget (Student Exchange Program)
3	Dr. Sagar Gurung	3 rd Year, General Surgery Resident	79 th Annual National Conference (ASICON) & SARRC Surgical Care Society	Bhubaneshwar, India	18 to 21 December 2019	KGUMSB
			Electives Placement for the PG Residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	1 February to 1 March 2020	KGUMSB
4	Dr. Kinzang Dechen	2 nd Year, Pediatric Resident	Electives Placement for the PG Residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	1 February to 1 March 2020	KGUMSB
			Neonatal and Pediatric Mechanical Ventilator Course	Dhulikhel Hospital, Nepal	6 to 8 November 2019	KGUMSB

5	Dr. Sonam Pelmo	2 nd Year Pediatric Resident	Neonatal and Pediatric Mechanical Ventilator Course	Dhulikhel Hospital, Nepal	6 to 8 November 2019	KGUMSB
6	Dr. Kinley Bhuti	3 rd Year, GP Resident	1 st International WONCA Emergency Medicine Seminar 2019 (WEMSEM 2019)	Kathmandu, Nepal	9 to 10 August 2019	KGUMSB
			Elective Placement for PG Residents	Institute of Medicine, Tribhuvan University Teaching Hospital, Nepal	1 March 2020 to 24 May 2020	KGUMSB
7	Dr. Phurpa Wangdi	3 rd Year, OBGYN Resident	Elective Placement for PG Residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	1 February to 1 March 2020	KGUMSB
8	Dr. Tshering Pem	3 rd year, Internal Medicine Resident	Electives Placement for the PG Residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	1 February to 1 March 2020	KGUMSB
9	Dr. Sonam Wangmo	3 rd year, OBGYN resident	Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	1 February to 1 March 2020	KGUMSB
10	Dr. Rihan Raj Gurung	3 rd Year, General Surgery Resident	Electives Placement for the PG residents	Sir Ganga Ram Hospital (SGRH), New Delhi, India	1 February to 1 March 2020	KGUMSB
11	Dr. Damcho Tshering	3 rd Year, Orthopedic Surgery resident	AO Basic Course	Bangkok, Thailand	30 July to 1 August 2019	KGUMSB B
12	Dr. Sonam	4 th Year Pediatric Resident	Annual Critical Care Pediatric Nephrology and Pediatric Dialysis Course	New Delhi, India	3 to 4 August 2019	KGUMSB
13	Dr. Sonam Choki	2 nd Year General Practice Resident	1 st International WONCA Emergency Medicine Seminar 2019 (WEMSEM 2019)	Kathmandu, Nepal	9 to 10 August 2019	KGUMSB

14	Dr. Nim Dorji	2 nd Year, Orthopedic Surgery resident	AO Basic Course	Bangkok, Thailand	30 July to 1 August 2019	KGUMSB
15	Dr. Abhisek Pradhan	2 nd Year, Orthopedic Surgery resident	AO Basic Course	Bangkok, Thailand	30 July to 1 August 2019	KGUMSB
16	Dr. Bikram Chhetri	2 nd Year Psychiatry Resident.	To Learn Psychotherapy	Ljubljana, Slovenia	23 to 24 October 2019	KGUMSB
17	Dr. Tenzin Gawa	4 th Year Internal Medicine, Resident	The World Congress on Endocrinology and Metabolic Disorder	Bangkok, Thailand	9 to 10 December 2019	KGUMSB
18	Dr. Sangay Wangchuk	4 th Year Internal Medicine, Resident	Cardiological Society of India	New Delhi, India	5 to 8 December 2019	KGUMSB

Annexure 2: Faculty Exchange, Conference/workshop from the university.

Sl. No.	Name	Department	Exchange/Conference/ Workshop	Institute/Country	Travel Date	Funding Support
1	Dr. Tenzin Lhadon	Lecturer	Annual Critical Care Pediatric Nephrology and Pediatric Dialysis Course	New Delhi, India	3 to 4 August 2019	KGUMSB
2	Dr. Chencho Dorjee	Professor	International Congress on Mobile Devices and Seizure Detection in Epilepsy	Lausanne, Switzerland	6 to 7 September 2019	KGUMSB (Epilepsy Project Fund through NIH)
3	Dr. Ugyen Dem	Senior Lecturer	International Congress on Mobile Devices and Seizure Detection in Epilepsy	Lausanne, Switzerland	6 to 7 September 2019	KGUMSB (Epilepsy Project Fund through NIH)

4	Dr. Kuenley Pedon	Assistant Professor	RESPIRE Annual Scientific Meeting	Kuala Lumpur, Malaysia	9 to 12 September 2019	KGUMSB
		Professor	11 th Academic Teacher Training	Munich, Germany	10 to 14 February 2020	Scholarship – BMZ and German Academic Exchange Service (DAAD) and KGUMSB
5	Dr. Sonam Gyamtsho	Assistant Professor	Clinical Observation Experiences in Gynecology Laparoscopy Surgery	7 to 11 October 2019	Kyoto University Hospital, Japan	KGUMSB
6	Dr. Tulsi Ram Sharma	Senior Lecturer	7 th Asian Health Association (ALHA) in Smart Universal Healthcare	Vietnam	10 to 12 November 2019	KGUMSB
7	Dr. Phurpa	Senior Lecturer	SARRC Workshop on Technique in Physiological Sciences – Advanced.	New Delhi, India	12 to 15 December 2019	KGUMSB
8	Dr. Tashi Dendup Wangdi	Professor	79 th Annual National Conference (ASICON) & SARRC Surgical Care Society	Bhubaneswar, India	18 to 21 December 2019	KGUMSB

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Sl. No	Name	Designation / P L	Travel type	Date	Duration	Place	Funding Agency
1	Dr. Chencho Dorjee	Dean, EX 2	9th Biennial meeting, SEAPHEIN	13-15th Nov, 19	3 days	Jaipur, India	WHO and 20% DSA FNPH
			Mindfulness and Happiness Workshop on Leadership and Management	28- 31st Dec, 19	4 days	Goa, India	FNPH
			Research Project Meeting	10- 17th Feb, 20	8 days	Kyoto University, Japan	Kyoto University and 20% DSA FNPH
2	Ms. Deki Pem	Dy. Dean/ Assistant Professor, ES4	International Council of Nurses (ICN) Congress	27th June-3rd July, 19	6 days	Marina Bay Sands, Singapore	ICN Congress and 50% DSA FNPH
			Validation Workshop for Regional ECD Services Standards for South Asia	20-21st Nov, 19	2 days	Kathmandu, Nepal	UNICEF
			Technical Consultation on Global Sexual Health Data	25-27th Nov, 19	3 days	Kyoto University, Japan	Kyoto University
			Asia Pacific Regional Network for Early Childhood Development Conference	4-6th Dec 19	3 days	Hanoi, Vietnam	MoH and Save the Children

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3	Mr. Wangchuk	Dy. Dean, PH & AHS/ Senior Lecturer/ PL 4	Meeting: Discussion on Outcome of the Analysis and Manuscript Writing	28th Aug-2nd Sept, 19	6 days	Uppsala University, Sweden	Uppsala University and 50% DSA FNPH
			The International Conference on Advancement in Health Sciences Education and Professions: Synergy and Reform for Better Health (IHSEP 2019)	11th to 13th November, 2019	3 days	Praboromarajchano Institute Bangkok, Thailand	WHO
			Mindfulness and Happiness Workshop on Leadership and Management	28- 31st Dec, 19	4 days	Goa, India	FNPH
4	Mr. Ugyen Wangdi	Dy. Dean, SA/ Assistant Professor, PL 4	Mindfulness and Happiness Workshop on Leadership and Management	28- 31st Dec, 19	4 days	Goa, India	FNPH
			Research Project Meeting	10- 17th Feb, 20	8 days	Kyoto University, Japan	Kyoto University and 20% DSA FNPH
5	Ms. Manikala Moktan	Assistant Professor, PL 3	International Training Workshop on Clinical Teaching in Nursing	13-15th Jan, 2020	3 days	Bangkok, Thailand	FNPH
6	Ms. Sonam Deki	Assistant Professor, PL 3	Training Workshop on Community Empowerment	9th-20th Sep, 19	12 days	Chiang Mai, Thailand	TICA, UNFPA and 20% DSA FNPH
7	Ms. Passang L Sherpa	Senior Lecturer, PL 4	Certificate Course in Global Health	8th-17 th Jan, 2020	10 days	Birla Institute of Technology and Sciences, Hyderabad, India	FNPH
8	Ms. Sapna Humagai	Senior Lecturer, PL 4	International Training Workshop on Clinical Teaching in Nursing	13-15th Jan, 2020	3 days	Bangkok, Thailand	FNPH

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9	Ms. Tshering Yangzom	Senior Lecturer, PL 4	International Council of Nurses (ICN) Congress	27th June-3rd July, 19	6 days	Marina Bay Sands, Singapore	ICN Congress and 50% DSA FNPH
			Mindfulness and Happiness Workshop on Leadership and Management	28- 31st Dec, 19	4 days	Goa, India	FNPH
10	Ms. Passang Wangmo	Senior Lecturer, PL 4	Training Workshop on Community Empowerment	9th-20th Sep, 19	12 days	Chiang Mai, Thailand	TICA, UNFPA and 20% DSA FNPH
11	Mr. Tshewang Nidup	Senior Lecturer, PL 4	Certificate Course in Global Health	8th-17 th Jan, 2020	10 days	Birla Institute of Technology and Sciences, Hyderabad, India	FNPH
12	Ms. Sonam Palden	Senior Lecturer, PL 4	International Training Workshop on Clinical Teaching in Nursing	13-15th Jan, 2020	3 days	Bangkok, Thailand	FNPH
13	Mr. Phensum Tobgay	Senior Lecturer, PL 4	Orientation Program in Palliative Care	11-23rd Feb, 19	12 days	Kerala, India	FNPH
			International Training Workshop on Clinical Teaching in Nursing	13-15th Jan, 2020	3 days	Bangkok, Thailand	FNPH
14	Mr. Gem Tshering	Senior Lecturer, PL 4	International Training Workshop on Clinical Teaching in Nursing	13-15th Jan, 2020	3 days	Bangkok, Thailand	FNPH
15	Ms. Sangay C Namgyal	Lecturer, PL 5	Meeting: Discussion on Outcome of the Analysis and Manuscript Writing	28th Aug-2nd Sept, 19	6 days	Upsala University, Sweden	Uppsala University and 50% DSA FNPH
			Mindfulness and Happiness Workshop on Leadership and Management	28- 31st Dec, 19	4 days	Goa, India	FNPH

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16	Ms. Tshering Wangmo	Lecturer, PL 5	Meeting: Discussion on Outcome of the Analysis and Manuscript Writing	28th Aug-2nd Sept, 19	6 days	Upsala University, Sweden	Uppsala University and 50% DSA FNPH
17	Ms. Sangay Pem	Lecturer, PL 5	Mindfulness and Happiness Workshop on Leadership and Management	28- 31st Dec, 19	4 days	Goa, India	FNPH
18	Mr. Palden W Dorji	Lecturer, PL 5	Mindfulness and Happiness Workshop on Leadership and Management	28- 31st Dec, 19	4 days	Goa, India	FNPH
19	Ms. Sangay Zam	Lecturer, PL 5	Training on Capacity Building on Management of Occupational and Chemical Hazard	21st July-3rd Aug, 19	13days	Bureau of Occupational and Environmental Diseases, Thailand	WHO
			Mindfulness and Happiness Workshop on Leadership and Management	28- 31st Dec, 19	4 days	Goa, India	FNPH
20	Mr. Kunzang	Associate Lecturer, PL 6	International Training Workshop on Clinical Teaching in Nursing	13-15th Jan, 2020	3 days	Bangkok, Thailand	FNPH
21	Mr. Karma Tshering	Associate Lecturer, PL 6	Certificate Course in Global Health	8-17th Jan, 2020	10 days	Hyderabad, India	FNPH
22	Mr. Phuntsho Norbu	Dy. Chief Librarian, PL 5	Certificate Course in Global Health	8-17th Jan, 2020	10 days	Hyderabad, India	FNPH



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