

# National Health Training Center

## ANNUAL REPORT 2078/79 (2021/22)



Government of Nepal  
Ministry of Health and Population  
Department of Health Services  
**National Health Training Center**  
Teku, Kathmandu



Government of Nepal  
Ministry of Health and Population  
**National Health Training Center**



Message



It gives me great pleasure to present the Annual Report of the National Health Training Center (NHTC) for the fiscal year 2078/79. This report provides an overview of the National Health Training System along with the performance of the activities conducted through NHTC and its networks including clinical training sites in different provinces of the country.

NHTC is a federal structure and has been working to manage health training in Nepal in an effective manner. It is primarily responsible for developing needed training materials on health, conducting various health-related pieces of training, and maintaining the training standard so as to strengthen the capacity of health workers across the country. In addition, the center has been working on policy formulation, planning/budgeting, training need assessment, curriculum design, training evaluation, and overall quality assurance related to the training system on health in line with the federal function. Competent human resources for health are the pillars to achieve the goals and targets set by the nation and fulfilling the commitments shown by the government. The robust training system is paramount important in the present federal context, which requires the strengthening of the national health training system with competent staffing, established process, skilled human resources, and appropriate structures. Strong coordination and collaboration with the provincial and local level agencies working in this field are one of the keys to upgrading the national health training system in our country.

This report will be useful to government bodies, partners, medical schools, and public health professionals in getting a gross understanding of the existing public health training management in Nepal. It will also be helpful in planning and executing health program activities.

I would like to take this opportunity to thank my staff, government counterparts, and collaborating partners for their support and collaboration. As we look forward, we are confident in our ability to navigate the challenges and opportunities that lie ahead, and we remain committed to delivering sustainable growth and creating value for all our stakeholders.

.....  
**Dr. Yadu Chandra Ghimire**  
Director  
National Health Training Center





Government of Nepal  
Ministry of Health and Population  
**National Health Training Center**

Tekri, Kathmandu  
Ministry of Health & Population  
National Health Training Center  
Tekri, Kathmandu



## ACKNOWLEDGMENT

This is the third Annual report of the National Health Training Center (NHTC) after the restructuring of the Health organogram based on the constitution of the Federal Democratic Republic of Nepal. In addition to its regular business in this fiscal year, NHTC succeeds to conduct one international-level training, Hospital Preparedness for Emergencies (HOPE) and initiate the foundation for one international CDC-based training, Field Epidemiology Training Program (FETP). So this fiscal year 2078/079, will be a milestone in the health training system in Nepal.

Including the summarized annual performance report it provides the information about vision, goals, objectives, and Strategies of health training. This report highlights the NHTC's structure, an overview of training, training sites, and working modalities. It also indicates important difficulties and challenges, and offers recommendations on how to deal with these problems in the future.

I would like to thank the entire team members of the National Health Training Center and express my sincere gratitude to the Director Dr. Yadu Chandra Ghimire. Furthermore, I would like to thank Mr. Babu Ram Bhusal, Senior Public Health Officer of this accreditation and regulation section who coordinate with the concerned, compiled and make the final shape of this report. Thanks to the tremendous support from the development partners, training site teams, provincial training centers, and other stakeholders in this fiscal year. Thank goes to all the relevant stakeholders who provide valuable inputs while developing this report also.

We will publish such annual reports on a regular basis and will continue to put efforts into improving and enriching its quality and content. We, the NHTC team, are hoping to get continuous feedback and suggestion from readers, professionals, and all concerned stakeholders in this regard for next fiscal year's annual report. Thank you.

*Dr. Madhab Prasad Lamsal*  
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Dr Madhab Prasad Lamsal  
Section Chief  
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## ABBREVIATIONS

AAC	Anesthesia Assistant Course
AHW	Auxiliary Health Worker
AMDA	Association of Medical Doctors of Asia
AMR	Anti-Microbial Resistance Prevention
ANM	Auxiliary Nurse Midwife
ASBA	Advanced Skilled Birth Attendant
ASRH	Adolescent Sexual and Reproductive Health
BCM	Burn Care Management
BEOC	Basic Emergency Obstetric Care
BEMT	Basic Emergency Medical Technician
BMEAT	Biomedical Equipment Assistant Technician
BMET	Biomedical Equipment Technician
BLS	Basic Life Support
BPKIHS	B.P. Koirala Institute of Health Sciences
CAC	Comprehensive Abortion Care
CBIMCI	Community Based Integrated Management of Childhood Illness
CBIMNCI	Community Based Integrated Management of Neonatal and Childhood Illness
CBNCP	Community Based Newborn Care Program
CCHI	Climate Change and Health Impact
CCSP	Cervical Cancer Screening and Prevention
CCTP	Critical Care Training Program
CFA	Community First Aid Training
CFWC	Chhetrapati Family Welfare Center
CICT	Case Investigation and Contact Tracing
CoFP	Comprehensive Family Planning and Counseling
COVID-19	Corona Virus Disease 2019
CME	Continuity Medical Education
CNBC	Comprehensive Newborn Care
CNSI	Comprehensive Nutrition Specific Intervention
CTEVT	Council for Technical Education and Vocational Training
CTS	Clinical Training Skills
CTVIN	Cardio-Thoracic and Vascular Intensive Nursing Training
DBMEE	Diploma in Biomedical Equipment Engineering
DMPA	Depot Medroxy Progesterone Acetate
DoHS	Department of Health Services



ECCT	Essential Critical Care Training
EMT	Emergency Medical Technician
EmOC	Emergency Management of Obstetric Complications
FBIMNCI	Facility Based Integrated Management of Neonatal and Childhood Illness
FCHV	Female Community Health Volunteer
FCWC	Fertility Care and Welfare Center
FPAN	Family Planning Association of Nepal
GBV	Gender Based Violence
GoN	Government of Nepal
HA	Health Assistant
HCWM	Health Care Waste Management
HF	Health Facility
HFOMC	Health Facility Operation Management Committee
HRH	Human Resource for Health
HURIS	Human Resource Information System
ICU	Intensive Care Unit
IUCD	Intra-Uterine Contraceptive Device
IPC	Infection Prevention and Control
LARC	Long-Acting Reversible Contraceptives
LRP	Learning Resource Package
MA	Medical Abortion
MDGP	Doctor of Medicine in General Practice
MISP	Minimum Initial Service Package
MLP	Mid-Level Practicum
MoF	Ministry of Finance
MO	Medical Officer
MoHP	Ministry of Health and Population
MRT	Midwifery Refresher Training
MSI	Marie Stopes International
MSS	Marie Stopes Services
MTToT	Master in Training of Trainers
NAMS	National Academy for Medical Sciences
NHSSP	Nepal Health Sector Support Programme
NHTC	National Health Training Center
NICU	Neonatal Intensive Care Unit
NSV	Non-Scalpel Vasectomy
OCMC	One-stop Crisis Management Center
OHAS	Occupational Health And Safety of Health Workers
OT	Operation Theatre

OTTM	Operation Theatre Training Management
PAC	Post Abortion Care
PEC	Primary Emergency Care Program
PP	Post-Partum
PEN	Package of Essential Non-communicable Diseases
PIS	Personnel Information System
PMTCT	Prevention of Mother to Child Transmission
PMWH	Paropakar Maternal and Women's Hospital
PNC	Pediatric Nursing Care
POP	Pelvic Organ Prolapse
PPIUCD	Post-Partum Intra-Uterine Contraceptive Device
PSI	Population Services International
QI	Quality Improvement
RH	Reproductive Health
ROUSG	Rural Obstetric Ultrasound Training
RRT	Renal Replacement Therapy
SARI	Severe Acute Respiratory Infection
SAS	Safe Abortion Services
SBA	Skilled Birth Attendant
SCI	Spinal Cord Injury
SRH	Sexual and Reproductive Health
SN	Staff Nurse
SNCU	Special Newborn Care Unit
SPN	Sunaulo Pariwar Nepal
Sr. AHW	Senior Auxiliary Health Worker
Sr. ANM	Senior Auxiliary Nurse Midwife
SSBH	Strengthening Systems for Better Health
TABUCS	Training on the Transaction Accounting and Budgetary Control System
TIMS	Training Information Management System
ToT	Training of Trainers
TUTH	Tribhuvan University Teaching Hospital
UNFPA	United Nation's Population Fund
UNICEF	United Nation's Children Fund
USAID	United States Agency for International Development
USG	Ultrasonography
VIA	Visual Inspection with Acetic Acid
VCAT	Value Clarification and Attitude Transformation
WASH	Water, Sanitation and Hygiene



## EXECUTIVE SUMMARY

National Health Training Center (NHTC) is the central body for human resource development in health sector of Nepal. It is responsible to organize and manage training for different cadres of health service providers. It is one of the centers of Ministry of Health and Population which is responsible for overseeing all health training activities at the federal, provincial and local level through appropriate and quality training needs assessment, training delivery, monitoring, evaluation, post training follow up and research.

NHTC is supported by a group of technical and administrative staffs. Training activities are conducted under three different section; Training Material Development Section, Skill development section and Training Accreditation and Regulation section. NHTC operates its training activities through its network. The training network includes seven provincial health training centers and 60 clinical training sites. Various training such as pre-service, basic, competency based, upgrading, refresher, induction, and orientation programs are conducted by NHTC. Web based online software “TIMS” is used to manage training related data including trainers and participants' profile, training information, training record log and certification.

In FY 2078/79, a total of 11,385 participants were trained in 95 different training programs. The most number of participants were from Bagmati Province (31.24) while the least number of participants were trained from Madhesh Pradesh (8.6%) in FY 2078/79. The major cadre groups trained was ANM (2873), AHW (1494), Staff Nurse (1358), Medical Officer (1002) and HA (962) in FY 2078/79. NHTC achieved 78.32% financial progress of total budget allocated under red book. Multi-door trainings, lack of strategic and uncoordinated approach to training and unplanned selection of participants are some of the challenges to be addressed for achieving efficient health training system.



# CHAPTER I

## INTRODUCTION

### 111.1 Background

The constitution of Nepal states that every citizen has the right to free basic and quality health care services from the state shall have equal access to health care and shall not deprive anyone of emergency health care. A competent, motivated healthy workforce forms the core of a high quality, effective and efficient health system. In line with the national policies, plans and programs of Ministry of Health and population (MOHP), National Health Training Centre (NHTC) runs as an apex body for co-ordination and management of all health trainings in Nepal. It was established in 1993 A.D. and is primarily responsible for policy formulation, planning/ budgeting, need assessment, curriculum design, training monitoring and evaluation (M&E) and overall quality assurance related to training system on health.

NHTC plans and conducts training activities in line with the National Health Training Strategy 2004 AD which is being revised in the context of the federal structure. It develops the training curriculum based on the program needs in collaboration with various divisions, centers and supporting partners. It delivers the approved annual training program through an efficient training network, which includes 7 Provincial Health Training Centers (PHTC's) and 60 clinical training sites. It is responsible for accrediting clinical and competency based training courses and training sites to maintain the standard of the health training so as to strengthen the capacity of health service providers across the country. Overall, it has been contributing to meet the targets envisioned in National Health Policy 2019, National Health Sector Strategy (2015-2020) and Sustainable Development Goals (2030) AD, thus, providing a roadmap towards Universal Health Coverage (UHC).

## **111.1 Vision**

Effective health training system for the development of skilled and accountable health workforce to provide quality health services.

## **111.1 Goal**

To enhance the technical and managerial capacity of health care service providers at all levels to deliver quality health care services towards attainment of the optimum level of health status of Nepali citizens.

## **111.1 Objectives**

- To standardize the training Learning Resource Packages (LRP) of different trainings
- To organize and conduct in service trainings to address the need of the country and to support the quality of care by enhancing the service provider's competency
- To ensure the quality of training activities by different mechanisms in adherence to national standards and to enhance the capacity of different training sites
- To adopt and promote innovative training approaches
- To strengthen mechanism and capacity for post training follow up, enhancement and support.

## **111.1 Strategies**

- Assessing, standardizing and accrediting training activities and clinical training sites
- Development, standardization, and revision of training packages periodically
- Institutional Capacity development of all levels of training units
- Conducting pre-service, in-service, orientation, refresher, short term, and long term trainings as per national requirements

- Integration and institutionalization of training activities
- Developing links with professional career development organizations
- Strengthening Training Information Management System (TIMS) and developing the trainer's roster at federal, provincial, and local level as well.

### **111.1 Importance of Training in Health Service Delivery System**

- Training helps scaling up and strengthening the quality of health workforce to address the mismatch between the supply and need of skilled human resource for health
- To support, strengthen and empower the existing health workforce for quality of health service delivery
- Ensure quality and sustainability of the health workforce
- Strengthen the referral system by the production of competent and skilled health workforce so that the basic cases can be treated in the primary health centers without the need for referral





## CHAPTER II

### STRUCTURE OF NHTC

NHTC is headed by the senior public health administrator, 11<sup>th</sup> level director. The director of this training center is responsible to oversee the national health training activities and s/he is supported by a team of technical and administrative staff.

#### 2.1 Organizational Structure of NHTC

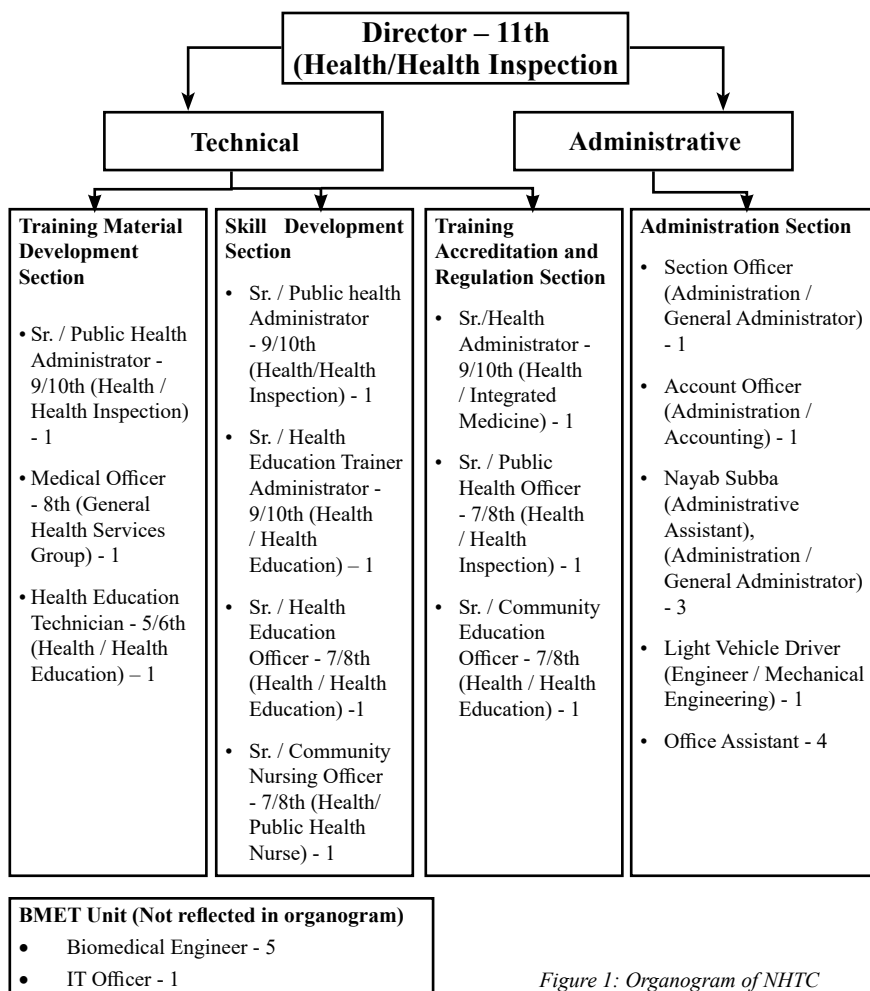


Figure 1: Organogram of NHTC

111.1 Training Network

NHTC focuses on leading collaborative health training management with the health agencies working on training in all the tiers of government. This can be accomplished through the active participation, coordination, and collaboration of the Provincial health training centers and 60 clinical training sites in its training network. Non-clinical training sites include NHTC's training halls, hotels and other different venues.

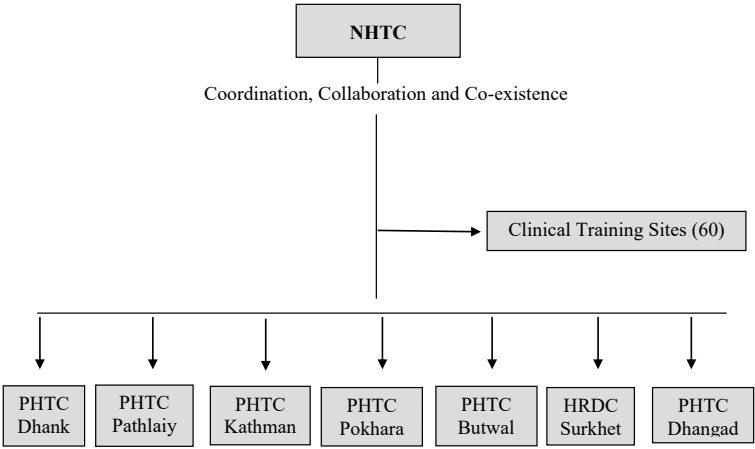


Figure 3: NHTC Training Network

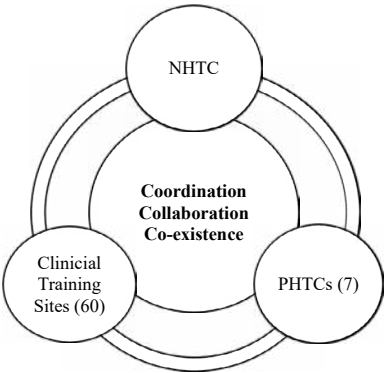


Figure 3: NHTC Training Network

As per the federal structure, the National health training network co-ordinates and supports seven Provincial Health Training Centers/Human Resource Development Centre (Dhankuta, Pathlaiya, Kathmandu, Pokhara, Butwal, Surkhet, and Dhangadi) under the Ministry of Social Development (MoSD)/Ministry of Health and Population/ Ministry of Health and Family Welfare of each Province and 60 clinical training sites throughout the country. The 60 clinical training sites in different provinces of the country are shown in the following figure 3.



Figure 4: Clinical training sites in seven provinces

**Table 1: List of Clinical training sites by province**

Province	Number of training sites	Name of the training site	Site accredited for
Province 1	9	FPAN, Charali, Jhapa	Implant, IUCD, Minilap
		AMDA Hospital, Damak, Jhapa	SBA, ROUSG, MLP, AAC
		Mechi Provincial Hospital, Bhadrapur, Jhapa	MLP
		FPAN, Itahari	VIA, SAS
		BPKIHS, Dharan	PNC, VIA
		Koshi Provincial Hospital, Biratnagar	RH, SBA, SAS, ASRH, ROUSG
		Nobel Medical College, Biratnagar	SBA
		Okhaldhunga Community Hospital	MLP
		Marie Stopes Service Pvt Ltd	Implant, IUCD, Minilap, Vasectomy, SAS
Province 2	5	Gajendra Narayan Singh Hospital, Rajbiraj	SBA, Implant, IUCD
		FPAN Janakpur, Dhanusa	Implant, IUCD
		Province Hospital, Janakpur	SBA, Implant, IUCD
		Narayani Hospital, Birgunj	SBA
		Siraha Province Hospital	MLP

Bagmati Province	21	Paropakar Maternity and Women's Hospital, Kathmandu	ASBA, SBA, Implant, IUCD, ASRH, AAC, CNC(SNCU), VIA / Thermal ablation, SAS (CAC,MA,2nd Trimester Abortion Care), Minilap
		CFWC, Chhetrapati, Kathmandu	Implant, IUCD, Minilap
		FPAN, Pulchowk	IUCD, Implant, SAS
		MSS, Satdobato	IUCD, Implant, SAS, VIA / Thermal ablation
		FPAN, Chitwan	IUCD, Implant, SAS
		SPN, Narayanghat	IUCD, Implant, Vasectomy, SAS
		Bharatpur Hospital, Chitwan	Pediatric Nursing, ASBA, SBA, MLP, SAS, OTTM, ICU, CNBC II
		PHECT Nepal Kirtipur Hospital, Kathmandu	SBA, FP, VIA, Burn Care management
		PHECT Nepal Model Hospital, Kathmandu	SAS, VIA, AAC
		Nepal Medical College, Kathmandu	2nd Trimester Abortion Care, Hemodialysis
		Army Hospital, Chhauni, Kathmandu	SBA, IUCD, Implant
		TUTH, Maharajgunj, Kathmandu	NICU, ICU, OTTM, PNC, Medico-legal, Hemodialysis, FP(IUCD, Implant), 1 <sup>st</sup> trimester Abortion, SBA
		Kanti Children Hospital, Kathmandu	Pediatric Nursing care(PNC), PECCT
		Nepal Cancer Care Foundation, Lalitpur	VIA / Thermal ablation
		COVID 19 Unified Central Hospital, Bir Hospital	Geriatric, Hemodialysis, ICU, AAC, ECCT
		Manakamana Hospital Pvt.Ltd, Bharatpur	SBA
		Manmohan Cardiothoracic Vascular Transplant Center, Kathmandu	ICU
		Kathmandu Medical College Public. Ltd, Bhaktapur	Medico-legal
		National Kidney Disease Treatment Center, Balaju, Kathmandu	Hemodialysis
		National Trauma Center, Kathmandu	Basic Physiotherapy and Primary emergency Care, ECCT
		Dhulikhel Hospital, Dhulikhel	VIA/Thermal ablation

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Gandaki Province	5	Pokhara Academy of Health Science, Pokhara	RH, SBA, Implant, IUCD, AAC, Medico- legal, ECCT
		Community Hospital, Lamjung	SBA, MLP
		Dhaulagiri Provincial Hospital, Baglung	SBA, MLP
		Matrisisu Miteri Hospital, Kaski	SBA
		Sisuwa Hospital, Kaski	SAS
Lumbini Province	11	Lumbini Province Hospital, Butwal	SBA, SAS, IUCD, Implant
		Bhim Hospital, Bhairahawa	SBA
		AMDA Hospital, Butwal	OTTM
		FPAN, Butwal	IUCD, Implant, SAS
		SPN, Chandrauta, Kapilvastu	IUCD, Implant, SAS
		Lumbini Medical college, Palpa	SBA
		FPAN, Dang	IUCD, Implant
		Bheri Hospital, Nepalgunj	SBA, ROUSG, Implant, IUCD
		Mission Hospital, Palpa	SBA, MLP
		Nepalgunj Medical College, Banke	SAS, SBA, ICU, NICU, ECCT
		Rapti Provincial Hospital, Dang	SBA, Implant, IUCD
Karnali Province	3	Karnali Provincial Hospital, Surkhet	ROUSG, SAS, SBA, ASBA, FP (Implant, IUCD, NSV, Minilap)
		Karnali Academy of Health Science, Jumla	SBA
		Chaurjahari Community Hospital, Western Rukum	SBA

Sudurpaschhim Province	6	Seti Provincial Hospital, Dhangadhi	SBA, MLP, SAS, IUCD, Implant
		Mahakali Provincial Hospital, Kanchanpur	SBA, ASBA
		FPAN, Kanchanpur	IUCD, Implant, SAS
		Dadeldhura Hospital	SBA, MLP, ASBA
		Bayalpata Hospital, Achham	MLP
		Tikapur Hospital, Kailali	SBA

**Table 2: Number of training sites according to the type of the training**

SN	Training	No. of sites	Name of training sites
1	SBA	30	<ol style="list-style-type: none"> <li>1. AMDA Hospital, Damak, Jhapa</li> <li>2. Koshi Hospital, Biratnagar</li> <li>3. Nobel Medical College, Biratnagar</li> <li>4. Gajendra Narayan Singh Hospital, Rajbiraj</li> <li>5. Province Hospital, Janakpur</li> <li>6. Narayani Hospital, Birgunj</li> <li>7. Bharatpur Hospital, Chitwan</li> <li>8. Paropakar Maternity and Women's Hospital, Kathmandu</li> <li>9. PHECT Nepal Kirtipur Hospital, Kathmandu</li> <li>10. Army Hospital, Chhauni, Kathmandu</li> <li>11. TUTH, Maharajgunj, Kathmandu</li> <li>12. Manakamana Hospital Pvt.Ltd, Bharatpur</li> <li>13. Pokhara Academy of Health Science, Pokhara</li> <li>14. Community Hospital, Lamjung</li> <li>15. Dhaulagiri Provincial Hospital, Baglung</li> <li>16. Matrisisu Miteri Hospital, Kaski</li> <li>17. Lumbini Province Hospital, Butwal</li> <li>18. Bhim Hospital, Bhairahawa</li> <li>19. Lumbini Medical college, Palpa</li> <li>20. Mission Hospital, Palpa</li> <li>21. Bheri Hospital, Nepalgunj</li> <li>22. Nepalgunj Medical College, Banke</li> <li>23. Rapti Provincial Hospital, Dang</li> <li>24. Karnali Provincial Hospital, Surkhet</li> <li>25. Seti Provincial Hospital, Dhangadhi</li> <li>26. Karnali Academy of Health Science, Jumla</li> <li>27. Chaurjahari Community Hospital, Western Rukum</li> <li>28. Tikapur Hospital, Kailali</li> <li>29. Dadeldhura Hospital</li> <li>30. Mahakali Provincial Hospital, Kanchanpur</li> </ol>



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2	ASBA	5	<ol style="list-style-type: none"> <li>1. Paropakar Maternity and Women's Hospital, Kathmandu</li> <li>2. Bharatpur Hospital, Chitwan</li> <li>3. Dadeldhura Hospital</li> <li>4. Karnali Provincial Hospital, Surkhet</li> <li>5. Mahakali Hospital, Mahendranagar</li> </ol>
3	Anesthetic Assistant Course(AAC)	6	<ol style="list-style-type: none"> <li>1. AMDA hospital, Damak</li> <li>2. Paropakar Maternity and Women's Hospital, Kathmandu</li> <li>3. COVID19 Unified Central Hospital, Bir Hospital</li> <li>4. PHECT Nepal Model Hospital, Kathmandu</li> <li>5. Pokhara Academy of Health Science, Pokhara</li> <li>6. Bharatpur Hospital, Chitwan</li> </ol>
4	Family planning		
4.1	IUCD	20	<ol style="list-style-type: none"> <li>1. FPAN, Charali</li> <li>2. Marie Stopes Services Pvt. Ltd.</li> <li>3. Gajendra Narayan Singh Hospital, Rajbiraj</li> <li>4. Province Hospital, Janakpur</li> <li>5. FPAN Janakpurdham, Dhanusha</li> <li>6. Paropakar Maternity and Women's Hospital, Kathmandu</li> <li>7. CFWC, Chhetrapati, Kathmandu</li> <li>8. TUTH, Maharajgunj, Kathmandu</li> <li>9. FPAN, Pulchowk</li> <li>10. SPN, Sattdobato</li> <li>11. Army Hospital, Chhauni, Kathmandu</li> <li>12. FPAN, Chitwan</li> <li>13. SPN, Narayanghat</li> <li>14. FPAN, Butwal</li> <li>15. SPN, Chandrouta, Kapilbastu</li> <li>16. FPAN, Dang</li> <li>17. Rapti Provincial Hospital, Dang</li> <li>18. Karnali Provincial Hospital, Surkhet</li> <li>19. Seti Provincial Hospital, Dhangadi</li> <li>20. FPAN, Kanchanpur</li> </ol>

4.2	Implant	22	<ol style="list-style-type: none"> <li>1. FPAN, Charali, Jhapa</li> <li>2. Marie Stopes Service Pvt. Ltd. Biratnagar</li> <li>3. Gajendra Narayan Singh Hospital, Rajbiraj</li> <li>4. Province Hospital, Janakpur</li> <li>5. FPAN Janakpurdham, Dhanusha</li> <li>6. Paropakar Maternity and Women's Hospital, Kathmandu</li> <li>7. CFWC, Chhetrapati, Kathmandu</li> <li>8. Army Hospital, Chhauni, Kathmandu</li> <li>9. SPN, Sattdobato</li> <li>10. FPAN, Pulchowk</li> <li>11. FPAN, Chitwan</li> <li>12. SPN, Narayanghat</li> <li>13. TUTH, Maharajgunj, Kathmandu</li> <li>14. Pokhara, Academy of Health Science, Pokhara</li> <li>15. Lumbini Province Hospital, Butwal</li> <li>16. SPN, Chandrouta, Kapilbastu</li> <li>17. FPAN, Butwal</li> <li>18. FPAN, Dang</li> <li>19. Bheri Hospital, Nepalgunj</li> <li>20. Rapti Provincial Hospital, Dang</li> <li>21. Karnali Provincial Hospital, Surkhet</li> <li>22. FPAN, Kanchanpur</li> </ol>
4.3	Minilap	6	<ol style="list-style-type: none"> <li>1. FPAN, Charali</li> <li>2. Marie Stopes Service Pvt Ltd</li> <li>3. Paropakar Maternity and Women's Hospital, Kathmandu</li> <li>4. CFWC, Chhetrapati, Kathmandu</li> <li>5. Karnali Provincial Hospital, Surkhet</li> <li>6. FPAN janakpur</li> </ol>
4.	NSV	3	<ol style="list-style-type: none"> <li>1. Karnali Provincial Hospital, Surkhet</li> <li>2. FPAN, Lalitpur</li> <li>3. CFWC, kshetrapati</li> </ol>
6	ROUSG	4	<ol style="list-style-type: none"> <li>1. AMDA Hospital, Damak, Jhapa</li> <li>2. Koshi Provincial Hospital, Biratnagar</li> <li>3. Bheri Hospital, Nepalgunj</li> <li>4. Karnali Provincial Hospital, Surkhet</li> </ol>
7	Medico-legal	3	<ol style="list-style-type: none"> <li>1. TUTH, Maharajgunj, Kathmandu</li> <li>2. Kathmandu Medical College</li> <li>3. Pokhara Academy of Health Sciences</li> </ol>

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8	Safe abortion services (SAS)	17	<ol style="list-style-type: none"> <li>1. FPAN, Itahari</li> <li>2. Koshi Hospital, Biratnagar</li> <li>3. Marie Stopes Service Pvt. Ltd. Biratnagar</li> <li>4. Paropakar Maternity and Women's Hospital, Kathmandu</li> <li>5. FPAN, Pulchowk</li> <li>6. SPN, Satdobato</li> <li>7. FPAN, Chitwan</li> <li>8. MSS, Naryaanghat</li> <li>9. Bharatpur, Hospital Chitwan</li> <li>10. PHECT Nepal, Kathmandu Model Hospital, Kathmandu</li> <li>11. Sisuwa Hospital, Kaski</li> <li>12. Lumbini Province Hospital, Butwal</li> <li>13. FPAN, Butwal</li> <li>14. MSS, Chandrouta, Kapilvastu</li> <li>15. Karnali Provincial Hospital, Surkhet</li> <li>16. Seti Provincial Hospital, Dhangadi</li> <li>17. FPAN Kanchanpur</li> </ol>
8.2	Second trimester	3	<ol style="list-style-type: none"> <li>1. Paropakar Maternity and women's hospital, Kathmandu</li> <li>2. Kathmandu Medical College</li> <li>3. Kathmandu Model Hospital</li> </ol>
9	Pediatric nursing Care(PNC)	2	<ol style="list-style-type: none"> <li>1. BPKIHS, Dharan</li> <li>2. Kanti Children Hospital, Kathmandu</li> </ol>
10	Intensive and critical care units (ICU, CCU, NICU, CTVIN)	5	<ol style="list-style-type: none"> <li>1. Bharatpur Hospital, Chitwan</li> <li>2. TUTH, Maharajgunj, Kathmandu</li> <li>3. COVID-19 Unified Central Hospital, Bir Hospital</li> <li>4. Manmohan Cardiothoracic Vascular Transplant Center, Kathmandu</li> <li>5. Nepalgunj Medical College, Banke</li> </ol>
11	Operation Theatre Technique and Management (OTTM)	3	<ol style="list-style-type: none"> <li>1. TUTH, Maharajgunj, Kathmandu</li> <li>2. Bharatpur Hospital, Chitwan</li> <li>3. AMDA Hospital, Butwal</li> </ol>
12	Mid-level Practicum (MLP)	10	<ol style="list-style-type: none"> <li>1. AMDA Hospital, Damak, Jhapa</li> <li>2. Mechi Provincial Hospital, Bhadrapur, Jhapa</li> <li>3. Okhaldhunga Community Hospital</li> <li>4. Bharatpur Hospital, Chitwan</li> <li>5. Community Hospital, Lamjung</li> <li>6. Dhulagiri Provincial Hospital, Baglung</li> <li>7. Mission Hospital, Palpa</li> <li>8. Seti Provincial Hospital, Dhangadhi</li> <li>9. Dadeldhura Hospital</li> <li>10. Bayalpata Hospital, Achham</li> </ol>

# NATIONAL HEALTH TRAINING CENTER

13	Hemodialysis	5	<ol style="list-style-type: none"> <li>1. Nepal Medical College, Kathmandu</li> <li>2. TUTH, Maharajgunj, Kathmandu</li> <li>3. COVID-19 Unified Central Hospital, Bir Hospital</li> <li>4. National Kidney Disease Treatment Center, Balaju, Kathmandu</li> <li>5. Shahid Dharmabhakta National transplant Center (SDNTC)</li> </ol>
14	Geriatric care	1	<ol style="list-style-type: none"> <li>1. COVID19 Unified Central Hospital, Bir Hospital</li> </ol>
15	CNBC II	1	<ol style="list-style-type: none"> <li>1. Paropakar Maternity and Women's Hospital, Kathmandu</li> <li>2. Bharatpur Hospital, Chitwan</li> </ol>
16	Burn Care management	1	<ol style="list-style-type: none"> <li>1. PHECT Nepal Kirtipur Hospital, Kathmandu</li> </ol>
17	VIA/ Thermal Ablation	9	<ol style="list-style-type: none"> <li>1. FPAN, Itahari</li> <li>2. BPKIHS, Dharan</li> <li>3. Paropakar Maternity and Women's Hospital, Kathmandu</li> <li>4. MSS, Satdobato</li> <li>5. Dhulikhel Hospital, Dhulikhel</li> <li>6. PHECT Nepal Kirtipur Hospital, Kathmandu</li> <li>7. PHECT Nepal Model Hospital, Kathmandu</li> <li>8. Karnali Province Hospital, Surkhet</li> <li>9. Nepal Cancer Care Foundation, Lalitpur</li> </ol>
18	Basic Physiotherapy	1	<ol style="list-style-type: none"> <li>1. National Trauma Center, Kathmandu</li> </ol>
20	ECCT / PEECT	5	<ol style="list-style-type: none"> <li>1. Kanti Children Hospital, Kathmandu</li> <li>2. COVID-19 Unified Central Hospital, Bir Hospital</li> <li>3. National Trauma Center, Kathmandu (NTC)</li> <li>4. Pokhara Academy of Health Sciences</li> <li>5. Nepalgunj Medical College, Banke</li> </ol>



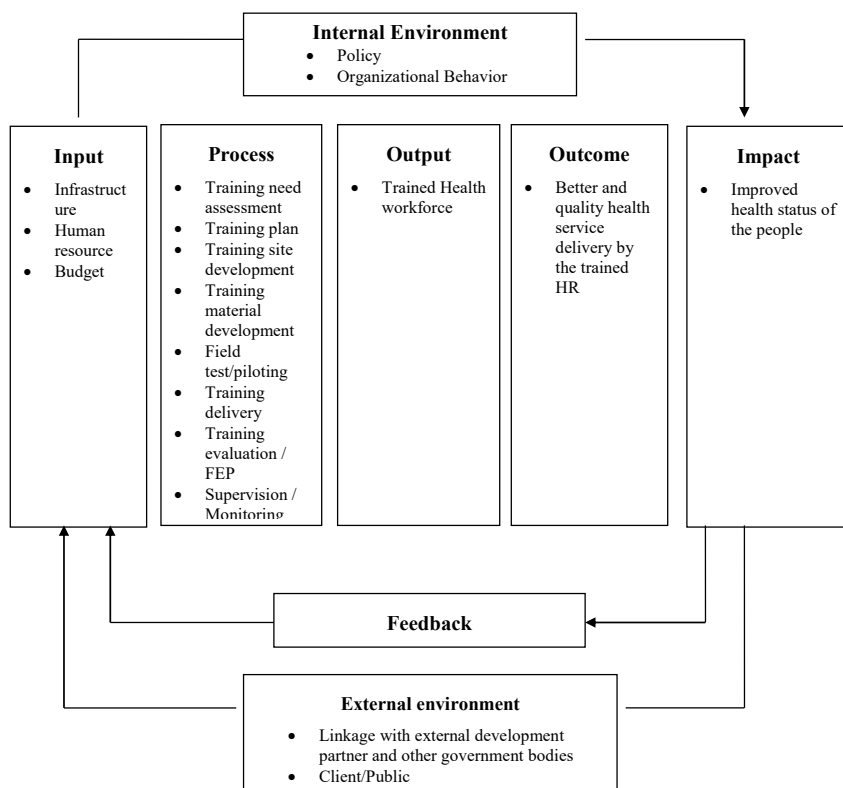
# CHAPTER III

## WORKING MODALITIES AND FUNCTIONS OF NHTC

### 1.1 NHTC in system model

The overall goal of all health programs is to deliver quality health care services towards attainment of the optimum level of health status of Nepali citizens. The logic model outlined here explained how NHTC work in achieving health goal.

The working modalities of NHTC can be explained as shown in the logic model figure:



*Figure 5: NHTC logic model*

## 1.2 Functions of NHTC

In the federal context, the organizational structure has been changed from its contemporary model according to the functional analysis to meet the training need of the federal, provincial, and local government. The sections of NHTC work in close coordination and collaboration with MoHP, DoHS, centers, provincial health training centers and local level. The section-wise functions of NHTC are listed below.

### **Training Material Development Section**

- To help Ministry of Health and Population (MOHP) in preparation of national policy, strategies and regulations regarding training material development
- To prepare guidelines, protocols, standards, and quality regulations regarding training material development
- To develop learning resource packages or curriculum for health sector's training or skill development activities
- To facilitate in development of training materials at a national level which needs involvement of federal government
- To update and revise learning resource packages in coordination with different stakeholder
- To revise training materials and curriculum as per need based on monitoring and evaluation
- To provide technical support in development of training packages or curriculum at provincial level
- To develop training packages for professional development of health workers

### **Skill Development Section**

- To help Ministry of Health and Population (MOHP) in preparation

of national policy, strategies, and regulations regarding skill development

- To prepare guidelines, protocols, standards and quality regulations regarding skill development
- To identify training needs for capacity enhancement of health workers at national level
- To manage and conduct trainings at the national level which needs to be conducted by the federal government
- To facilitate in conduction of trainings at the national level which needs involvement of the federal government
- To co-ordinate with different stakeholders for conduction of health related trainings
- To provide technical support in conduction of trainings or skill related activities at provincial level
- To facilitate in implementation of distance learning packages by utilizing information technology for capacity enhancement of health workers
- To help in implementation of professional development related activities of health workers at provincial level
- To support in management of training related information

### **Training Accreditation and Regulation Section**

- To help Ministry of Health and Population (MOHP) in preparation of national policy, strategies, and regulations regarding training accreditation and regulation
- To prepare guidelines, protocol, standards, and quality regulations regarding training accreditation and regulations
- To grant permission and regulate the organization which conduct health related trainings



- To regulate and assure quality of different training packages or curriculum and training or skill development related activities
- To accredit organizations which develop the packages and conduct trainings

### **1.3 Types of Training conducted by NHTC**

NHTC conducts various clinical and managerial training and orientation programs. The NHTC is following a classroom-based in-person training modality. But due to the surge of COVID-19 this year, NHTC has conducted virtual training also. The various trainings are classified as pre-service and in-service training.

**1. Pre-service training:** This type of training is focused on health professionals in their academic and non-academic courses who can enter the health system after the completion of their studies. NHTC provides the eighteen-month Diploma in Biomedical Equipment Engineering (DBEE) pre-service training course to produce Biomedical Equipment Technician (BMET). The CTEVT-accredited DBEE training is targeted for the plus two science graduates who will work as biomedical equipment technician after training completion. The graduate will perform preventive and repair maintenance of healthcare equipment used in different health facilities across Nepal. The AAC course under National Academy of Medical Sciences (NAMS) is considered as pre-service as well as in-service training course which is designed as a task shifting to produce a non-doctor Anesthesia Assistant. Staff nurses and health assistant are the candidates for this course and after graduation; they support various emergency surgeries, especially the cesarean section in peripheral hospitals as well as elective surgeries where an anesthesiologist is unavailable.

### **2. In-service training:**

NHTC provides different kinds of training to the health service providers who are in service to develop their capacity so that they can perform

specific clinical and public health tasks. The in-service training can be classified here based on the type of training provided.

i. **Basic training:**

Basic trainings are organized for female community health volunteers (FCHVs) who are newly recruited by the local mother's group among the member. The duration of this course is 10 days.

ii. **Competency based training:**

NHTC organize various clinical training for government health workers in coordination with multiple clinical training sites to upgrade their knowledge and skills in multiple clinical areas. These in-service training are based on local needs. NHTC fulfills the training demand by developing new training courses, update and revise the existing training curricula according to the national and international practice and scientific evidence. Forty-five courses are offered which are listed in the box below:

***Table 3: Competency based training***

1. Anesthetic Assistant Course (AAC)
2. Advanced Skilled Birth Attendance(ASBA)
3. Adolescent and Sexual Reproductive Health (ASRH)
4. Antimicrobial Resistance Training (AMR)
5. Burn Care Management (BCM)
6. Basic Life Support Training (BLS)
7. Comprehensive Abortion Care (CAC)
8. Cervical Cancer Screening and Prevention (CCSP)
9. Critical Care Training Program (CCTP)
10. Community First Aid Training (CFA)
11. Case Investigation and Contact Tracing (CICT)
12. Comprehensive Newborn Care Level II (CNC)
13. Comprehensive Family Planning (CoFP and Counseling)
14. Community Based Integrated Management of Childhood Illness (CBIMCI)

15. Community Based Newborn Care Program (CBNCP)
16. Community Based Integrated Management of Neonatal and Childhood Illness (CBIMNCI)
17. Comprehensive Nutrition Specific Intervention Package (CNSI)
18. COVID-19 Preparedness and Essential Critical Care Management (COVID-19 PE CCM)
19. Clinical Training Skills (CTS)
20. Cardio-Thoracic and Vascular Intensive Nursing Training (CTVIN)
21. Diabetes Education for Nurses Training (DE)
22. Essential Critical Care (ECC)
23. Emergency Trauma Management (ETM)
24. Facility Based Integrated Management of Neonatal and Childhood Illness (FBIMNCI)
25. Gender Based Violence (GBV)
26. ICU / CCU
27. Implant
28. IUCD
29. Medical Abortion (MA)
30. Minilap
31. Medico-Legal Training
32. Mid-Level Practicum (MLP)
33. Non-Scalpel Vasectomy (NSV)
34. Management of Obstetric Fistula (MOF)
35. Operation Theatre Technique and Management (OTTM)
36. Post Abortion Care (PAC)
37. Palliative Care (PC)
38. Primary Emergency Care (PEC)
39. Pediatric Essential Critical Care Training (PECC)
40. Package of Essential Non-Communicable Disease (PEN)
41. Pediatric Nursing Care (PNC)
42. Pelvic Organ Prolapse (POP)
43. Post-partum Intrauterine Contraceptive Device (PPIUCD)
44. Renal Replacement Therapy (RRT)
45. Rural Obstetric Ultrasound Training (ROUSG)
46. Safe Abortion Care (SAC Second Trimester)

47. Skill Birth Attendant (SBA)
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48. Post-acute care and rehabilitation of patient with Spinal Cord Injury (SCI)
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### iii. **Refresher training:**

Refresher training is also provided to the existing government health service provider to update and improve their knowledge and skills in a frequent time intervals and when there are changes in practices. SAS, FCHVs, and SBAs are in-service refresher training provided according to the need of divisions and centers.

### iv. **Induction training:**

NHTC has begun providing induction training for newly recruited health service groups from 2072/73. The one-month courses (1 month) are provided for all health service disciplines. This training is provided to the newly recruited health officers only through the NHTC.

### v. **Other training:**

- Biomedical equipment training for users (cold chain, laboratory, X-ray).
- Orientation program (e.g. HFOMC).

## **3.4 Other Activities:**

### **3.4.1 Institutional Capacity Development**

NHTC focuses on the following activities for the institutional capacity development of training:

#### **• Physical facilities:**

NHTC supports /facilitates infrastructure developments of PHTCs, hospitals, and district level training sites (as per need and demand from the Provincial Government). Along with this, it reviews and ensures the presence of adequate physical facilities and equipment.

- **Training program development:**

NHTC develops the training programs as per the need of MoHP, DoHS and other stakeholders and facilitates coordination between divisions, centers, provinces, districts and training sites. NHTC also plans, implements, and manages different training and supports training improvement in coordination and collaboration with external development partners, NGOs, private providers, and medical colleges.

### **3.5 Training Information Management System (TIMS)**

Training Information Management System is a web application to manage the training Recording, Reporting and Certification at a centralized location for different Training Sites and Province wise. It is a web-based online closed source and interruptible software which manage all training-related data including trainers' and participants' profile, training information, training record log and certification. There is a possibility of interoperation with HuRIS at individual, task, and organization level to analyze the correlation with training expenditure and quality improvement if the training conducted from all Divisions, Centers, Provinces and local levels are linked to maintain a centralized registration system within TIMS.

### **3.6 Training Working Group:**

A high-level Training Working Group (TWG) is formed under the leadership of NHTC. This TWG comprises the membership of government and external development partners which meet on regular basis to discuss training quality improvement, curriculum development, certification, and training accreditation.

### **3.7 NHTC Supporting Partners**

The partners listed in the table below support NHTC in planning and executing health training programs.

**Table 4: Training carried out by other organizations within NHTC networks**

<b>Organizations</b>	<b>Training conducted</b>
Action For Nepal	Adolescent Sexual and Reproductive Health (ASRH)
Community Action Nepal	Implant
CRS Nepal	Adolescent Sexual and Reproductive Health (ASRH)
FHI 360	Essential Critical Care
FPAN	Implant, Medical Abortion (MA)
IPAS	Medical Abortion, IUCD, Development of First Trimester Safe Abortion Service Trainer's Training, ToT on Safe Abortion Service, Value Clarification and Attitude Transformation (VCAT) on Safe Abortion, First Trimester Safe Abortion Service, Health Response to Gender Based Violence
Marie Stopes Services	Cervical Cancer Screening and Prevention (CCSP), Infection Prevention Orientation (IPO), Implant, Skilled Birth Attendant (SBA), Medical Abortion
Midwifery Society of Nepal (MIDSON)	ToT on Helping Mother Survive-Bleeding (HMS) and Helping Babies Breathe (HBB),
Nepal Red Cross Society	ToT on MISP for Sexual & Reproductive Health in Crisis
Nick Simon Institute, Nepal	Clinical Training Skill (CTS), Operation Theatre Techniques & Management (OTTM), Advanced Skilled Birth Attendant (ASBA), Primary Emergency Care (PEC), Mid Level Practicum(MLP), Skilled Birth Attendant (SBA), Essential Critical Care (Site Based)
One Heart Worldwide Nepal	Skilled Birth Attendant (SBA), ROUSG, IUCD, Implant
PSI	Intra Uterine Contraceptive Device (IUCD), Medical Abortion (MA), Basic Psycho Social & Mental Health Support, Implant, Skilled Birth Attendant (SBA)

PHASE NEPAL	Implant, Skilled Birth Attendant (SBA), Orientation on Mental Health and Psychosocial Support
Sunaulo Pariwar Nepal	Medical Abortion (MA), Implant, Intra Uterine Contraceptive Device (IUCD), Cervical Cancer Screening and Prevention (CCSP), Infection Prevention Orientation (IPO), Non Scalpel Vasectomy (NSV), Safe Abortion Services (SAS)
SSBH	ToT on Health Facility Operation & Management Committee (HFOMC), Comprehensive Family Planning (COFP) and Counseling, Implant, ToT on Social Accountability for Health Sector, Skilled Birth Attendant (SBA), Intra Uterine Contraceptive Device (IUCD), Community Based Integrated Management of Neonatal and Childhood Illness (CB-IMNCI)
TPO Nepal	Mental Health (Module-02)
UMN	HFOMC ToT, Basic Mental Health, Basic Psycho Social & Mental Health Support, Comprehensive Family Planning (COFP) and Counseling, Mental Health (Module-01)
UNFPA	Intra Uterine Contraceptive Device (IUCD), Implant
UNICEF	ToT on Revised Package of Basic FCHV, HCD
WHO	User's Training on Biomedical Equipment, Basic Emergency Medical Technician, ToT on Simulation Based Education Focused on SRHR, ToT on Users Training on Biomedical Equipment, Ambulance Driver, ToT on Child and Adolescent Mental Health, Public Health Leadership for NCDs Champions, Hospital Preparedness for Emergencies (HOPE), ToT on Ambulance Driver, ToT on Simulation Based Education, Primary Emergency Care (PEC),

## CHAPTER IV

### ACHIEVEMENTS

#### 1.1 Analysis of achievement of training programs by various compositions

During the FY 2078/79, a total of 11,385 participants were trained in different 167 different training programs. Among the total trained participants, 61.12% were females (6959) and 38.46% were male (4379) and 0.41% (47) were others.

##### 4.1.1 Gender distribution of trainee

Table no. 5 illustrates total number of participants trained by National Health Training Center (NHTC) in the fiscal year 2078/79 according to the gender of the participants. Similarly table no. 6 further illustrates total number of participants trained throughout the country by all Health training centers in the fiscal year 2078/79 according to the gender of the participants.

***Table 5: Total number of Participants trained by NHTC in FY 2078/79 (Training by Sex Composition)***

S.N	Name of the Training	Sex		Total
		Female	Male	
1	Adolescent Sexual and Reproductive Health (ASRH)	48	63	111
2	Advanced Skilled Birth Attendant (ASBA)	15	25	40
3	Ambulance Driver	4	339	343
4	Basic Emergency Medical Technician	1	10	11



5	Basic Life Support (BLS)	39	41	80
6	Basic Psycho Social & Mental Health Support	1	0	1
7	Biomedical Equipment Refresher	4	6	10
8	Cardiothoracic Vascular Intensive	19	0	19
9	Cervical Cancer Screening and Prevention (CCSP)	87	6	93
10	Clinical Training Skill (CTS)	65	46	111
11	Comprehensive Family Planning (COFP) and Counseling	12	2	14
12	Comprehensive Newborn Care Level II	30	0	30
13	Critical Care (ICU/CCU)	38	0	38
14	E-based Geriatric Training for Primary Health Care Professional	26	12	38
15	Essential Critical Care	125	44	169
16	Essential Critical Care (Site Based)	26	6	32
17	First Trimester Safe Abortion Service	18	4	22
18	Geriatric for Medical Officer	2	11	13
19	Geriatric Training for Health Care Professionals	14	4	18
20	Health Response to Gender Based Violence	24	1	25
21	Helping Mother Survive- Bleeding (HMS) and Helping Babies Breathe (HBB)	117	1	118
22	Hemodialysis	31	0	31
23	Hospital Preparedness for Emergencies (HOPE)	15	13	28
24	Implant	81	3	84

25	Induction	6	9	15
26	Infection Prevention & Control	47	3	50
27	Infection Prevention and Control for Nurses (IPC Nurse)	13	0	13
28	Infection Prevention Orientation (IPO)	24	1	25
29	Intra Uterine Contraceptive Device (IUCD)	70	0	70
30	Medical Abortion (MA)	65	0	65
31	Medico-Legal "Post-Mortem Examination and Clinical Forensic Medicine"	5	25	30
32	Mental Health	5	14	19
33	Minilap	2	4	6
34	MToT on Child & Adolescent Mental Health (CAMH)	8	10	18
35	No Scalpel Vasectomy (NSV)	2	8	10
36	Operation Theatre Techniques & Management (OTTM)	45	0	45
37	Orientation on Mental Health and Psychosocial Support	13	4	17
38	Package of Essential Non Communicable Disease (PEN)	31	41	72
39	Pediatric Essential Critical Care	100	61	161
40	Pediatric Nursing Care (PNC)	18	0	18
41	Primary Emergency Care	48	52	100
42	Psychosocial Counseling	77	11	88
43	Rural Ultrasound	31	1	32
44	Safe Abortion Service (SAS)	7	6	13
45	SBA Clinical Mentor Coach Development	20	0	20
47	Second Trimester Safe Abortion Training (Blended Learning Approach)	4	2	6

48	Skilled Birth Attendant (SBA)	135	0	135
49	Technical Training on Hemodialysis Machine	8	2	10
50	ToT on Ambulance Driver	12	20	32
51	ToT on Anti-Microbial Resistance Prevention	6	24	30
52	ToT on Burn Care Management	32	15	47
53	ToT on Cervical Cancer Screening and Prevention (CCSP)	20	0	20
54	ToT on Child and Adolescent Mental Health	17	36	53
55	ToT on Eye/ENT/Oral Health	0	1	1
56	ToT on Health Facility Operation & Management Committee (HFOMC)	0	2	2
57	ToT on Health Response to Gender Based Violence	19	4	23
58	ToT on Helping Mother Survive-Bleeding (HMS) and Helping Babies Breathe (HBB)	16	0	16
59	ToT on Infection Prevention & Health Care Waste Management	8	4	12
61	ToT on Infection Prevention and Control	16	1	17
62	ToT on Minimum Initial Service Package (MISP) for SRH in Humanitarian Settings	22	3	25
63	ToT on Occupational Health & Safety	11	26	37
64	ToT on Package of Essential Non Communicable Disease (PEN)	19	40	59
65	ToT on Pediatric Essential Critical Care	20	34	54

66	ToT on Psychosocial & Mental Health Counseling	47	4	51
67	ToT on Psychosocial Counseling (Blended)	6	8	14
68	ToT on Safe Abortion Service	9	3	12
69	ToT on Simulation Based Education	21	3	24
70	ToT on Simulation Based Education Focused on SRHR	25	0	25
71	ToT on Users Training on Biomedical Equipment	4	12	16
72	ToT on Visual Inspection with Acetic Acid (VIA)/Thermal Coagulation	27	10	37
73	Update/Refresher on FP to FP Trainers	16	0	16
74	Update/Refresher on MLP to MLP Trainers	13	19	32
75	Updates/Refresher on Safe Abortion Service (SAS)	11	3	14
76	User Maintenance of Lab Equipment	2	8	10
77	User Maintenance of X-Ray Equipment	3	7	10
78	User's Training on Biomedical Equipment	70	18	88
79	Value Clarification and Attitude Transformation (VCAT) on Safe Abortion	13	2	15
<b>Total</b>		<b>2111</b>	<b>1198</b>	<b>3309</b>

**Table 6: Total number of health service provider trained in the fiscal year 2078/79**

S.N	Training Name	Gender			Total
		Female	Male	Other	
1	Adolescent Sexual & Reproductive Health and Psychosocial Counseling	34	0	-	34
2	Adolescent Sexual and Reproductive Health (ASRH)	231	233	-	464
3	Advance Viral Influenza/ COVID-19 Diagnostic and New Emerging Diseases	25	21	-	46
4	Advanced Skilled Birth Attendant (ASBA)	15	25	-	40
5	Ambulance Driver	4	345	-	349
6	Anti-Microbial Resistance Prevention	4	27	-	31
7	Ayurved Health Management Information System (AHMIS)	4	15	-	19
8	Basic Emergency Medical Technician	1	10	-	11
9	Basic Fever Profile Diagnostic	31	24	-	55
10	Basic Health Logistic Management	13	21	-	34
11	Basic Immunization	30	12	-	42
12	Basic Life Support (BLS)	40	41	-	81
13	Basic Mental Health	1	10	-	11
14	Basic Physiotherapy for Health Assistants	2	18	-	20
15	Basic Psycho Social & Mental Health Support	15	0	-	15
16	Basic TB Microscopy	42	18	-	60
17	Basic TB Microscopy and LQAS	20	9	-	29

18	Biomedical Equipment Refresher	4	6	-	10
19	Cardiothoracic Vascular Intensive	19	0	-	19
20	CB-IMNCI	55	53	-	108
21	CB-IMNCI Onsite Coaching (ToT)	32	42	-	74
22	Cervical Cancer Screening and Prevention (CCSP)	172	25	-	197
23	Child and Adolescent Mental Health (Module-3)	20	0	-	20
24	Climate Change and Health Impact	14	52	-	66
25	Clinical Coach/Mentor on MNH Training	10	0	-	10
26	Clinical Training Skill (CTS)	120	70	1	191
27	Community Based Integrated Management of Neonatal and Childhood Illness (CB-IMNCI)	54	43	1	98
28	Comprehensive Abortion Care (CAC)	2	6	-	8
29	Comprehensive Family Planning (COFP) and Counseling	174	60	-	234
30	Comprehensive Newborn Care Level II	73	0	-	73
31	Comprehensive Nutrition Specific Intervention (CNSI)	37	38	-	75
32	COVID-19 Preparedness and Response	3	7	-	10
33	Covid-19 Psychosocial Counseling	26	29	-	55
34	Covid-19 Sample collection, Packing and Diagnosis	6	22	-	28
35	Critical Care (ICU/CCU)	65	0	-	65

36	Development of First Trimester Safe Abortion Service Trainer's Training	9	1	-	10
37	DR TB Modular Training	25	35	3	63
38	Comprehensive Nutrition Specific Intervention Training Of Trainers (CNSI TOT )	59	82	-	141
39	E-based Geriatric Training for Primary Health Care Professional	26	12	-	38
40	Electronic Government Procurement	3	20	2	25
41	Epidemic and Infection Control	7	27	3	37
42	Essential Critical Care	125	43	1	169
43	Essential Critical Care (Site Based)	32	8	-	40
44	FB-IMNCI	36	27	-	63
45	First Trimester Safe Abortion Service	18	4	-	22
46	Geriatric for Medical Officer	2	11	-	13
47	Geriatric Health Care E-based and Clinical Practice for Primary Health Care Professionals	21	4	-	25
48	Geriatric Training for Health Care Professionals	14	4	-	18
49	Health Administration and Management Training	5	9	-	14
50	Health Management Information System (HMIS)	22	14	-	36
51	Health Response to Gender Based Violence	17	11	1	29
52	Helping Mother Survive-Bleeding (HMS) and Helping Babies Breathe (HBB)	117	1	-	118

53	Hemodialysis	49	0	-	49
54	Hemodialysis Machine Maintenance	0	5	-	5
55	HFOMC ToT	4	17	-	21
56	HIV and STI Diagnosis for Laboratory Personnel	18	19	-	37
57	HIV/STI and Hepatitis Diagnosis	8	22	-	30
58	Hospital Preparedness for Emergencies (HOPE)	15	13	-	28
59	Implant	408	71	-	479
60	Induction	42	35	-	77
61	Infection Prevention & Control	63	11	-	74
62	Infection Prevention & Health Care Waste Management	28	16	-	44
63	Infection Prevention and Control for Nurses (IPC Nurse)	13	0	-	13
64	Infection Prevention Orientation (IPO)	24	1	-	25
65	Inpatient Management Of SAM	46	14	-	60
66	Inpatient Therapeutic Center (ITC) Management	26	18	-	44
67	Intra Uterine Contraceptive Device (IUCD)	232	0	-	232
68	Laboratory Quality Assurance	12	8	-	20
69	Laboratory Waste Management	30	24	-	54
70	Medical Abortion (MA)	291	2	-	293
71	Medico-Legal Training On Autopsy and Clinical Forensic Medicine	21	55	4	80
72	Mental Health	19	54	-	73
73	Mental Health (Module-01)	14	1	-	15



74	Mental Health (Module-02)	10	74	1	85
75	Mentor Development	12	0	-	12
76	Mid Level Practicum(MLP)	42	168	-	210
77	Minilap	8	5	1	14
78	Minimum Initial Service package (MISP)	6	13	-	19
79	MISP for Sexual & Reproductive Health in Crisis	22	5	-	27
80	MNH Mentoring Training	6	0	-	6
81	MToT on Child & Adolescent Mental Health (CAMH)	8	10	-	18
82	National Immunization Programme, Healthworker's Basic Training on Vaccination	53	15	-	68
83	Neglected Tropical Diseases (NTDs)	84	75	2	161
84	No Scalpel Vasectomy (NSV)	4	16	-	20
85	Nutrition in Emergency (NIE)	22	72	-	94
86	Operation Theatre Techniques & Management (OTTM)	67	0	-	67
87	Orientation on Mental Health and Psychosocial Support	13	4	-	17
88	Package of Essential Non Communicable Disease (PEN)	10	23	-	33
89	Palliative Care	24	8		32
90	Panchakarma	9	11	9	29
91	Panchakarma and Ksharsutra Management	7	18	-	25
92	Pediatric Essential Critical Care	157	86	-	243

93	Pediatric Nursing Care (PNC)	29	0	-	29
94	PMTCT	9	9	-	18
95	Postmortem Helper	0	2	-	2
96	PPIUCD	13	0	-	13
97	Primary Trauma Care and Basic Life Support	135	237	1	373
98	Programme Operation and Management Training for Ayurvedic Health Worker	15	17	2	34
99	Psychosocial Counseling	76	11	-	87
100	PTC / BLS TOT Training	12	12	-	24
101	Public Health Leadership for NCDs Champions	9	18	-	27
102	Rapid Response Team (RRT)	23	26	1	50
103	Rural Ultrasound	160	1	-	161
104	Safe Abortion Service (SAS)	46	21	-	67
105	SBA Clinical Mentor Coach Development	30	0	-	30
106	School Nurse Induction	200	0	-	200
107	Second Trimester Safe Abortion Training (Blended Learning Approach)	4	2	-	6
108	Skilled Birth Attendant (SBA)	926	4	-	930
109	Snake Bite Management	29	62	7	98
110	SNCU/NICU Training Level II	37	0	-	37
111	Social Behaviour Change Communication	19	11	-	30
112	Sub-National Budget Analysis	6	41	-	47
113	Technical Training on Hemodialysis Machine	8	2	-	10
114	Therapeutic Yoga	8	12	-	20

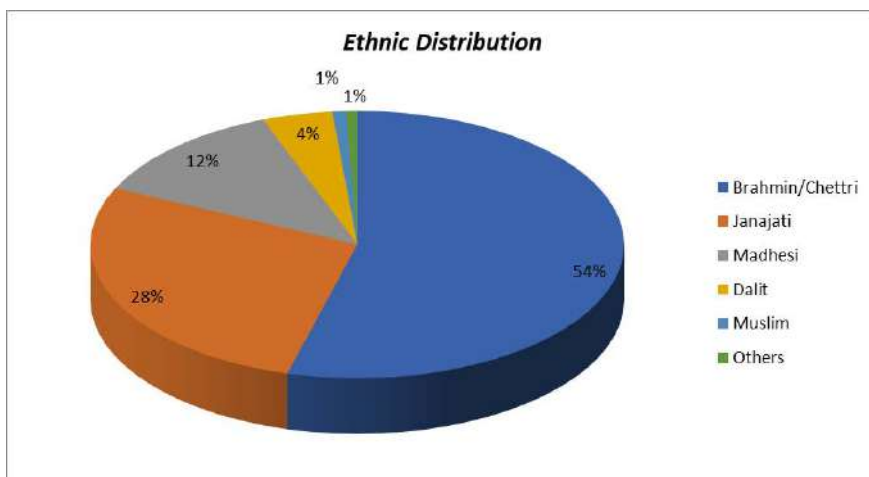
115	ToT on Adolescent Sexual and Reproductive Health (ASRH)	23	21	-	44
116	ToT on Ambulance Driver	12	20	-	32
117	ToT on Anti-Microbial Resistance Prevention	6	24	-	30
118	ToT on BLS & PTC	11	11	-	22
119	ToT on Burn Care Management	32	15	-	47
120	ToT on Cervical Cancer Screening and Prevention (CCSP)	20	0	-	20
121	ToT on Child and Adolescent Mental Health	17	35	1	53
122	ToT on Comprehensive Nutrition Specific Intervention (CNSI)	59	119	-	178
123	ToT on Eye/ENT/Oral Health	25	139	-	164
124	ToT on FCHV	7	20	-	27
125	ToT on Health Facility Operation & Management Committee (HFOMC)	11	34	-	45
126	ToT on Helping Mother Survive-Bleeding (HMS) and Helping Babies Breathe (HBB)	16	0	-	16
127	ToT on Infection Prevention & Health Care Waste Management	34	25	-	59
128	ToT on Infection Prevention and Control	16	1	-	17
129	ToT on Mental Health (Module-02)	3	3	-	6
130	Tot on Minimum Initial Service Package (MISP) for SRH in Crisis	43	30	-	73
131	ToT on Neglected Tropical Diseases (NTDs)	10	42	2	54

132	ToT on Occupational Health & Safety	11	25	-	36
133	ToT on Pediatric Essential Critical Care	20	34	-	54
134	ToT on PEN	2	15	-	17
135	ToT on Primary Trauma Care & Basic Life Support	21	32	-	53
136	ToT on Psychosocial & Mental Health Counseling	47	4	-	51
137	ToT on Psychosocial Counseling (Blended)	6	8	-	14
138	ToT on Purbakarma Ra Panchkarm	15	20	-	35
139	ToT on Revised Package of Basic FCHV	26	49	-	75
140	ToT on Safe Abortion Service	9	3	-	12
141	ToT on Sexual and Reproductive Health	12	9	-	21
142	ToT on Simulation Based Education	21	3	-	24
143	ToT on Simulation Based Education Focused on SRHR	25	0	-	25
144	ToT on Social Accountability for Health Sector	1	0	-	1
145	ToT on Users Training on Biomedical Equipment	4	11	1	16
146	ToT on Visual Inspection with Acetic Acid (VIA)/ Thermal Coagulation	27	10	-	37
147	ToT on Yoga & Physiotherapy	11	23	-	34
148	ToT on Infection Prevention	3	11	-	14
149	Update/Refresher on FP to FP Trainers	16	0	-	16
150	Update/Refresher on MLP to MLP Trainers	13	19	-	32

151	Updates/Refresher on Safe Abortion Service (SAS)	11	3	-	14
152	User Maintenance of Lab Equipment	4	13	-	17
153	User Maintenance of X-Ray Equipment	3	7	-	10
154	User's Training on Biomedical Equipment	70	18	-	88
155	Value Clarification and Attitude Transformation (VCAT) on Safe Abortion	13	2	-	15
156	Visual Inspection with Acetic Acid (VIA)	206	2	-	208
157	Pediatric Essential Critical Care	9	6	-	15
158	Package of Essential Package Non Communicable Disease (PEN)	181	293	3	477
159	ToT on Package of Essential Package Non Communicable Disease (PEN)	29	68	-	97
160	Health Response to Gender Based Violence	33	2	-	35
161	ToT on Health Response Gender Based Violence	19	4	-	23
162	ToT on Comprehensive Nutrition Specific Intervention	89	74	-	163
<b>Total</b>		<b>6959</b>	<b>4379</b>	<b>47</b>	<b>11385</b>

#### 4.1.2 Ethnic Distribution of the training participants in FY 2078/79

Out of the total participants, majority belonged to Brahmin/Chhetri (54%) followed by Janajati (28%), Madhesi (12%), Dalit (4%), Muslim (1%) and others (1%).



*Figure 6: Percentage of participants trained in the FY 2078/79 by Ethnic distribution.*

#### **4.1.3 Province-wise distribution of the participants trained in the last five fiscal year**

The table below shows the comparative analysis of the province-wise distribution of participants trained in the last five fiscal years. The most number of participants were from Bagmati Province (31.24) while the least number of participants were trained from Madhesh Pradesh (8.6%) in FY 2078/79. The table below (table no: 6) also explains the increasing number of trained participants in following year.

***Table 7: Province wise-distribution of the participants trained in the last five fiscal year***

Province	FY 2074/75		FY 2075/76		FY 2076/77		FY 2077/78		FY 2078/79	
	N	%	N	%	N	%	N	%	N	%
Province 1	1101	17.51	1045	20.33	543	11.23	874	12.1	1158	10.17
Madhesh	716	11.39	517	10.06	472	9.76	741	10.3	989	8.6
Bagmati	1556	24.75	1506	29.31	1257	25.99	1852	25.7	3557	31.24
Gandaki	627	9.97	437	8.50	446	9.22	692	9.6	1505	13.21

Lumbini	930	14.79	663	12.90	1292	26.71	155	2.2	1789	15.71
Karnali	483	7.68	395	7.69	232	4.80	1299	18	636	5.58
Sudurpashchim	874	13.90	576	11.21	595	12.30	1594	22.1	1751	15.06

#### ***4.1.4 Cadre-wise distribution of the participants trained in the last five fiscal years***

The table below (table no: 8) shows the major cadre-wise distribution of participants trained in the last five fiscal years. The major cadre groups trained were ANM (10885), AHW (4722), Staff Nurse (4550), HA (3585) and Medical Officer (3381) in the last five fiscal years. Apart from the cadre mentioned in the table other participants like account officers, academicians, adolescents and youth community mobilizers, hospital administrators, programs/project officers and coordinators, technical officers, lecturers and professors, ward in charge and participants from non-governmental sectors were also trained and are overall included in the 'Others' category in the table below:

***Table 8: Cadre wise distribution of the participants trained in the last five fiscal years***

<b>Cadre of Health Worker</b>	<b>FY 2074/75</b>	<b>FY 2075/76</b>	<b>FY 2076/77</b>	<b>FY 2077/78</b>	<b>FY 2078/79</b>	<b>Total</b>
ANM	2545	1814	1612	2041	2873	10885
AHW	870	627	680	1051	1494	4722
Staff Nurse	725	740	598	1129	1358	4550
Medical Officer (MBBS)	646	580	475	678	1002	3381
MD/MS	-	-	-	-	73	73
HA	792	516	629	686	962	3585
Nursing Officer	215	257	150	139	508	1269
School Health Nurse	-	-	-	-	252	252
Medical Superintendent	-	-	-	-	20	20

Public Health Officer	41	130	112	67	121	471
Public Health Inspector (6 <sup>th</sup> )	-	-	-	-	221	221
Consultants	73	88	82	75	118	436
Supervisor	72	53	50	94	105	374
Health Education Officer	9	25	42	14	12	102
Anesthesiologists/ Anesthesia assistant	0	0	0	0	10	10
Physiotherapist	3	8	0	0	1	12
Ayurveda Medical Officer	6	14	12	2	21	55
Med. Lab Technician	9	6	10	3	217	245
Radiographer/Chief/Sr./ Consultant/Radiologist	8	0	0	7	20	35
Lab Assistant	1	3	15	82	200	301
Med. Lab Technologist	7	7	4	2	0	20
Public Health Administrator	1	12	9	2	0	24
Kabiraj/Baidhya	1	0	15	0	180	196
Pschiatrist/Psychosocial counselor/Supervisor	-	-	-	-	70	70
Pharmacist/Pharmacy officer	5	6	0	9	38	20
Health Administrator	1	12	3	0	13	29
Health Education Inspector	2	3	3	1	1	10
Dark Room Assistant	1	0	0	3	3	7
Health Education Administrator	3	4	6	1	-	14
Medical Recorder	2	1	0	3	1	7
Ambulance Driver	0	0	0	0	349	349
Others	0	0	0	0	1142	1142
<b>Total</b>	<b>6038</b>	<b>4906</b>	<b>4507</b>	<b>6087</b>	<b>11385</b>	<b>32923</b>



## 1.2 Annual target and achievement of training implementation for FY 2078/79 (Red book)

In FY 2078/79, NHTC achieved 88.4% physical progress and 78.32% financial progress. Annual target and achievement of training implementation according to various sections and activities are depicted in the table below (table no 9):

**Table 9: Annual target and achievement of NHTC (FY 2078/79)**

S. N.	Activities		Annual Target			Annual Budget (in NRS lakh)			Source
		Unit	Target	Achievement	%	Target	Achievement	%	
Training Material Development Section									
1.	Health Training Need Identification	Times	1	1	100	10	10	100	
2.	To prepare and use the profile of health training materials and distribute it at the state and local level	Times	1	1	100	1.66	1.40	84.33	
3.	Content development and field testing in coordination and collaboration with various partner organizations	Number	4	2	50	4.98	2.01	40.00	
4.	Development of various new training textbooks and field tests	Times	5	5	100	29.05	28.99	99.70	
5.	Workshops seminar on training strategy, training materials development procedure and curriculum development in all provinces	Times	7	7	100	5.81	5.03	86.87	
6.	Revise / update and publicizing training materials as required (as demanded by the Center and the branches).	Number	7	7	100	28.79	28.14	99.77	

7.	Post-training effectiveness evaluation, software system development for backup exchange	Times	1	1	100	4.15	3.90	93.97	
<b>Skill Development Section</b>									
9.	TOT on ASBA for Physicians	Person	4	4	100	10	9.31	93.20	
9.	TOT on Pediatric Nursing	Person	20	20	100	12.03	12.03	100	
10.	Diploma in Biomedical training to 24 students and continuation of 2077/78	Times	1	1	75	5.10	5.10	100	
11.	Induction training for health officers appointed through the public service commission	Times	3	3	100	23.05	10.29	44.64	
12.	Medico-Legal Training on Post Mortem Examination and Clinical Forensic Medicine for Physicians	Times	3	3	100	30.60	29.39	96.00	
13.	ToT on Operation Theater Techniques and Management Training(OTTM) for Nursing Staffs	Times	1	1	100	8	7.25	90.62	
14.	Comprehensive New Born Care for physicians/ Nursing Staffs (CNC-II & III)	Times	3	3	100	18	17.69	98.27	
15.	ToT on ICU/CCU for Nursing Staffs	Times	3	3	100	18	18	100	
16.	ToT on Occupational Health and Safety Training for Physicians / Health Workers / Nursing Staffs	Times	2	2	100	10	8.65	86.50	
17.	ToT on Anti-microbial Resistance Prevention for Physicians / Health Workers	Times	4	2	50	24	10.82	45.08	
18.	CTS Training to instructors of various trainings	Times	2	2	100	14	12.08	86.28	

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19.	Anesthesia Assistant Training for HA and Staff Nurse	Person	5	5	100	13	12.50	96.15	
20.	ToT on role of health workers on Gender Based Violence for Physician / Health Worker / Nursing Staff	Times	1	1	100	5	3.65	73	
21.	ToT on Burn Care Management for Physicians / Health Workers / Nursing Staff	Times	3	3	100	18	16.22	90.11	
22.	ToT on Primary Emergency Care for Physician / Health Worker / Nursing Staff	Times	3	3	100	30	28	93.33	
23.	ToT on Cervical Cancer Screening (VIA/Thermal Coagulation) for Physician /Nursing Staff/Health worker	Times	4	3	75	24	19.10	79.58	
24.	Refresher training to trainers of various trainings	Times	4	4	100	20.40	20.39	99.95	
25.	TOT on Infection Prevention for Physicians / Health Workers / Nursing Staffs	Times	1	1	100	5	4.99	99.80	
26.	SAS ToT for MD Educator	Times	1	0	0	5	0	0	
27.	Basic Life Support Skill training for Health Workers	Times	4	4	100	20	8.29	41.45	
28.	ToT on (ObsGyn / MDGP) Second Trimester Abortion Care for Physician	Person	5	5	100	4.40	3.36	76.36	
29.	Essential Critical Care Management training	Times	3	2	66.67	45	22.21	49.35	
30.	Basic psychosocial counseling training for nurses and health workers working in OCMC, mental hospitals, etc.	Times	1	1	100	8	6.65	83.20	

31.	ToT on Laboratory Bio-Safety and Biosecurity for Laboratory Health Workers	Times	1	0	0	5	0	0	
32.	Training on Hemodialysis for Nursing and Health workers	Times	3	1	33.33	17.99	13.41	74.54	
33.	Pre-Hospital Care (Emergency Medical Technician/ Dispatcher) Training for Health Workers/ Ambulance Workers	Times	1	1	100	14.98	5.58	37.24	
34.	TOT on PEN (NCD Package) for Physician / Health Worker	Times	2	2	100	12	12	100	
<b>Training Accreditation and Regulation Section</b>									
35.	To allow, renew and regulate the operation of sites related to health training	Number	6	6	100	7.47	7.11	95.18	
36.	Follow-up Enhancement (FEP) Program for SBA, FP, MLP, OTTM, PEN and other trainings	Districts	7	7	100	23.24	13.40	57.65	
37.	Prepare a Follow-up and Enhancement (FEP) tool for various training programs	Number	1	1	100	1.66	1.63	98.19	
38.	Preparing a checklist for training site accreditation of various clinical trainings	Times	1	1	100	6.64	5.80	87.34	
39.	Program to support students coming to Internship/Orientation/ Study Purpose	Number	4	2	50	1.66	0.74	44.50	
40.	Planning, preparation, meetings and other activities related to Continuous Professional Development (CPD)	Number	4	2	50	2.66	1.14	42.85	
41.	Program to develop skills and capacity building of employees working in NHTC	Times	1	1	100	2.49	2.49	100	

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42.	Getting SSL certificate for TIMS data security	Times	1	1	100	1.66	1.60	96.38	
43.	Training site development and strengthening of various clinical training (materials, halls, furniture, laptops, anatomical models and other support required for the site)	Number	5	5	100	20.75	20.73	99.90	
44.	Interaction programme with stakeholders	Times	1	1	100	1.66	0.17	10.24	
45.	A Study on Training Outcomes among ECCT-Trained Doctors and Nurses Working in Different Hospitals after the COVID-19 Emergence	Times	1	1	100	8.30	5.37	64.70	
46.	Study on Post-Training Utilization of Competencies of Implant and VIA/ Thermal Coagulation Trainees and Outcome on Service Delivery	Times	1	1	100	12.45	5.37	43.13	
47.	Annual Report Manufacturing and Printing	Times	1	1	100	1.66	1.66	100	
48.	Quality Overview and Support of Training Activities being Conducted	Times	12	8	66.67	2.19	1.20	54.79	
49.	Preparation of Online Pre and Post Questionnaire for Medico Legal Training to Update and Host the Website at TUTH Institute	Times	1	1	100	0.96	0.83	86.45	
50.	Seminar on Review, Workshop on action plan with various clinical training sites of all seven provinces	Times	7	7	100	5.81	3.90	67.12	
<b>Programs on Biomedical Devices</b>									

51.	Training on User Maintenance of X-ray Equipment	Times	1	1	100	4.25	4.25	100	
52.	Training on User Maintenance of Lab Equipment	Times	1	1	100	5.95	5.95	100	
53.	BMET Refresher Training	Times	1	1	100	4.25	4.25	100	
<b>Programs under capital expenditure</b>									
54.	Strengthening the training hall at the National Health Training Center	Times	1	1	100	5	5	100	
55.	Maintenance of national health training center premises, gardens etc.	Times	1	1	100	5	5	100	
56.	Office equipment computers, photocopier, printers, etc.	Set	3	1	33.33	9	9	100	

### 4.3 Program for FY 2079/80

The total budget allocated for the conduction of the annual program for FY 2079/80 is Rs. 88.3 million. The activities, annual goal and respective budget allocated are shown in the table below (table 10):

**Table 10: Annual Program for FY 2079/80**

S.N.	Activities	Unit	Annual Goal	Budget (Lakhs)	Source of Funding
<b>Training Material Development Program</b>					
1	Orientation regarding the use of training materials available at training sites	Times	4	4	GoN
2	Workshop seminar to identify the need for updating/revising various training materials	Times	1	5	USAID
3	Workshop seminar on training material development method criteria with Province Health Training Centers	Times	1	7	USAID

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4	Development, transmission and distribution of video for NSV/Minilap training	Number	1	5	USAID
5	Training material development and field test related to Basic research methodology for health workers	Number	1	5	GoN
6	Interaction seminar on new methods, techniques and practices and learning of training	Times	1	3	USAID
7	Program on integration of training materials in regular educational programs with health educational institutions	Times	1	5	USAID
8	Development and field testing of various new training materials	Times	4	20	GoN
9	Revise / update and publicizing training materials as required (as demanded by the Centers and the Divisions).	Number	3	12	GoN
10	Content development and field testing in coordination and collaboration with various partner organizations	Number	3	6	USAID
11	Identifying health training needs (including local level and province)	Times	1	10	USAID
<b>Training Accreditation and Regulation Branch</b>					
1	FEP, MLP, OTTM, BLS, SBA and other training follow up enhancement (FEP) programs	District	7	24.5	GoN
2	Site monitoring program to accreditate, renew and regulate the operation of sites conducting health related training.	Number	7	10.4	USAID
3	To prepare Follow up and Enhancement (FEP) tool for various training programs	Number	1	3	GoN
4	Programs to support students coming for study work including internship / orientation	Number	4	2	GoN
5	Various clinical training site development and refinement (materials required for the site, hall, furniture, laptop, anatomical model and other support)	Number	4	18.92	GoN
6	Quality observation and support of ongoing training activities	Times	4	6	USAID

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7	Seminar on review, action plan with various clinical training sites of the all provinces	Times	6	17.5	USAID
8	Development of monitoring and evaluation tool	Times	1	5	USAID
9	Development of FEP analysis and reporting software	Times	1	5	GoN
10	A study on utilization and its effectiveness of Primary Emergency care (PEC) training program in Nepal	Times	1	8	USAID
11	Update and improve the TIMS information system and receive the SSL certificate	Number	1	5	GoN
12	A study on situation, characteristics and gaps on the health training programs at federal, provincial and local level besides accredited training networks	Number	1	8	USAID
13	Preparation and printing of annual report	Times	1	2.18	GoN
<b>Skill Development Program</b>					
1	ASBA Training to physician	Person	4	10	USAID
2	Pediatric Nursing Training	Person	10	6.06	USAID
3	Diploma in Biomechanical Training to 24 students with continuation of FY 2077/78	Times	1	6.94	GoN
4	Service entry training for health officers appointed through the Public Service Commission	Group	2	20	GoN
5	Medico-Legal Training on Post Mortem Examination and Clinical Forensic Medicine to physician	Times	2	24	USAID
6	Operation Theater Technology Management Training (OTTM) for Nursing Staff	Times	1	8	USAID
7	Comprehensive New Born Care Training for Physician / Nursing Staff (CNBC-II & III)	Times	2	13.4	USAID
8	Critical Care Training for Nursing Staff (ICU / CCU)	Times	2	12	USAID
9	ToT on Occupational Health and Safety for Physicians / Health Workers / Nursing Staff	Times	1	5	USAID



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10	ToT on Antimicrobial Resistance Prevention for Physicians / Health Workers	Times	1	5	USAID
11	Minilap / Vasectomy training for Physicians / Nurses	Times	4	16	USAID
12	Anesthesia Assistant Training (HA / Staff Nurse)	Person	2	12	USAID
13	ToT on Primary Emergency Care for Physicians / Health Workers / Nursing Staff	Times	3	29.7	USAID
14	ToT on Cervical Cancer Screening and Treatment (VIA/Thermal Coagulation) to Physicians and Nursing Staff	Times	2	11.9	USAID
15	Refresher Training to trainers of various trainings	Times	2	12	USAID
16	Second Trimester Abortion Care Training for Physician (ObsGyn / MDPG)	Number	5	5.95	WHO
17	Essential Critical Care Management Training	Times	2	15.96	WHO
18	Pre-Hospital Care (Emergency Medical Technician/Dispatcher) training for Health Workers/ Ambulance Workers	Times	2	14	WHO
19	TOT on Package of Essential Non Communicable Diseases	Times	2	12	WHO
20	CTS/GTS Training to Instructors of Various Trainings (5 days)	Times	3	18	USAID
21	Environmental health, health waste management and WASH training for health workers working in hospitals and health institutions	Times	1	5.04	USAID
22	Pediatric ECCT training (4days)	Times	2	12	WHO
23	Human Centered Design Training	Times	1	7	WHO
24	Cardiothoracic Vascular Intensive Nursing Training (CTVIN)	Times	1	9.6	WHO
25	ToT on Menstrual Hygiene	Times	1	5	USAID
26	Training on Integrated RH Morbidity Screening	Times	1	5	USAID
27	Geriatric Care Training for Medical Officers	Times	1	5	USAID
28	Training on Oral Health	Times	1	4.94	GoN and WHO
29	Palliative Care Training	Times	1	6	WHO
30	Basic psychosocial counseling training for nurses and health workers working in OCMC, mental hospitals, etc.	Times	1	12.49	WHO

Biomedical Equipment Program					
1	User Maintenance of X-ray Equipment Training	Times	1	6	GoN
2	User maintenance of lab equipment training	Times	1	7.92	GoN

#### 4.4 Accreditation and regulation

In Fiscal year 2078/79, the accreditation and regulation section of NHTC has conducted following activities.

Newly accredited training sites

- Siraha Hospital for MLP
- Dhulikhel Hospital for VIA

Existing sites accredited for additional following trainings

1. FPAN, Itahari (SAS )
2. Koshi Hospital, Biratnagar (ROUSG)
3. Kanti Children Hospital, Kathmandu (PECCT)
4. COVID 19 Unified Central Hospital, Bir Hospital (ECCT)
5. Pokhara Academy of Health Science (Medicolegal)
6. Sisuwa Hospital, Kaski (SAS)
7. Lumbini province hospital (IUCD, Implant)
8. Bheri Hospital, Nepalgunj (ROUSG, Implant, IUCD)
9. Nepalgunj Medical College, Banke (ICU, NICU, ECCT)
10. Karnali Province Hospital, Surkhet (ROUSG, SAS, )
11. Seti Provincial Hospital (SAS, IUCD, Implant)

Follow-up enhancement was conducted with the purpose to assess the knowledge and skills of trainees to find the gaps and provide on-site coaching in the following districts:

1. Khotang
2. Bara
3. Sindhuli
4. Dolakha
5. Manang
6. Arghakhanchi
7. Nawalparasi

*Note: Follow up enhancement in the above listed districts were done for SBA training.*

#### **4.5 LRP development and revision**

In the last fiscal year 2078/79, the Training Material Development Section of NHTC has developed new training packages along with the existing training packages such as Pediatric Essential critical care, Disability management training for medical officers Training on social accountability, Health management training for health officers at local level. A glimpse of the activity is presented in the table below (Table 10):

**Table 11: Status of development of LRP for the FY 2078/79**

S.N	Name Of Training Material	New/ Revision/ Update	Status	Support
1	Essential Critical Care Training	New	Completed	Red Book
2	Pediatric Critical Care Training	New	Completed	Red Book
3	Integrated Vector Borne Disease management training for health worker	New	Completed	Red Book
4	Integrated Reproductive Health Morbidity Screening Training	New	Completed	Red Book
5	Social Accountability in Health Sector Training	New	Completed	Red Book
6	Geriatric Health Training for Medical Officers	New	Completed	Red Book, SSBH
7	Modular Training on Health System Management For Health Section of Local Level	New	Ongoing	Red Book, Suahara, SSBH
8	Orientation on Health System to Newly Elected Leaders of Local Level	New	Ongoing	Red Book, SSBH
9	Training on Sample Collection During and Outbreak Investigation for Laboratory	New	Complete	Red Book
10	Basic Emergency Medical Technician Training	New	Complete	DFC (WHO)
11	Ambulance Driver Training	New	Complete	DFC (WHO)
12	Acute Respiratory Distress Syndrome (ARDS) Training	New	Complete	DFC (WHO)
13	Rural Obstetric Ultrasound Training (ROUSG)	Revision	Complete	OHW
14	Infection Prevention and Control Training	Revision	Complete	DFC (WHO)
15	First Trimester SAS Training for MD Obsgyn/MDGPs	Revision	Complete	IPAS
16	Basic Critical Care Training for Nurses (ICU Training)	Revision	Complete	Red Book
17	FP Training on the Job Model for MDGP/Obstgyn/Surgeons	Revision	Complete	Red Book
18	Implant, IUCD, Minilap, NSV Training	Revision	Complete	Red Book

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19	Four Days Basic Training for Female Community Health Volunteers	Revision	Complete	DFC (WHO), UNICEF
20	Refresher Training for Female Community Health Volunteers	Revision	Complete	Red Book
21	Hospital Preparedness for Emergencies (HOPE)	Adoption	Complete	None (additional support by ADPC)
22	Hospital Preparedness for Emergencies Training For Instructors (HOPE-TFI)	Adoption	Complete	None (additional support by ADPC)
23	Public Health Leadership for NCD Champions	Adoption	Ongoing	MoHP
24	Training on Disability Management and Rehabilitation for Medical Officers	New	Ongoing	EDCD

## **CHAPTER V:**

### **COVID-19 RESPONSE**

#### **1.1 COVID-19 preparedness and response**

NHTC has developed training packages and implemented training for different cadres of health service providers on COVID-19 preparedness and response. The following activities were done in FY 2078/79 for COVID-19 preparedness and response:

- 7 days Essential Critical Care On-site Training (ECCT) for Doctors, Nurses and Health Workers for COVID-19 Management.
- ICU / CCU training for nursing staff (1 month).
- A Study on Training Outcomes among ECCT-Trained Doctors and Nurses Working in Different Hospitals after the COVID-19 Emergence.
- A four-day package of Pediatric Essential Critical Care (PECC) was prepared for Pediatricians, Medical Officers and Nursing Officers.
- Development of Acute Respiratory Distress Syndrome Package (ARDS).
- Revision of Infection Prevention and Control Package.
- Case Investigation and Contact Tracing Training packages.

##### **1.1.1 Training conduction**

The vaccination coverage milestone in our country has made a decline in the number of cases of COVID-19. However, it is not fully ensured that the country is completely free from COVID-19. And so to strengthen and prepare the health workers for future emergencies, NHTC has conducted various COVID-19-related trainings to 289 health workers out of which 204 were female and 85 were male.

**Table 11: Training conducted in FY 2077/78 in response to COVID-19**

S.N	Training Name	Female	Male	Total
1	Basic Life Support Training	40	41	81
2	COVID – 19 Psychosocial Counseling	15	26	41
3	ICU/CCU training for nursing staff	65	0	65
4	COVID -19 Counseling Training	11	3	14
5	COVID – 19 Sample Collection, Packaging and diagnosis	6	22	28
6	COVID – 19 Preparedness and Response	3	7	10
7	Infection prevention and control	63	11	74
8	Infection prevention and health care waste management	28	16	44
9	Infection prevention and control for Nurses	13	0	13
<b>Total</b>		<b>204</b>	<b>85</b>	<b>370</b>

## 1.2 New initiatives

As a new initiative, it is realized that the focus needs to be shifted from a traditional to a blended approach, on-the-job training, and enhancing the online learning platform. Training packages are envisioned to develop based on new concept of learning theory 'low dose and high frequency' which helps to reduce absenteeism of health workers in regular health service with optimum utilization of available resources.

NHTC has revised existing training packages and developed new learning resource packages and conducted training based on emerging disease, critical care, and disaster-related response. The need for revision of the training packages was realized on the basis of feedbacks provided by the participants and expertise, contemplation of the real scenarios and

feasibility of the participants. The revised training packages are listed below:

- COVID-19 preparedness and response on Infection Prevention and Control
- Revision of Essential Critical Care Training package (from 2 days to 7 Days) and Pediatric Critical Care to health workers by using On-Site training approach
- Six months psychosocial counseling package using blended approach
- Basic Life Support training (BLS)

NHTC is working proactively whilst capacitating provincial health training centers for development of training packages, quality assurance and regulation of training packages and conducting training.

### 1.3 Initiatives for future

Amid the COVID 19 pandemic NHTC has developed specific training packages based on a gap identified in different kinds of literatures, reviewing international practices and the need of the health service provider in delivering services to address COVID 19 and deliver services. However, for the future emergencies it is thought from different perspective and priority areas have been realized. The priority areas realized for future initiatives are as follows:

- Ensuring readiness for future emergencies by enhancing the quality of training packages.
- Conduct Infection Prevention and Control (IPC) training vigorously.
- Shifting from In-Serving training to Pre-service training by integrating training packages into Pre-Service education.
- Promoting and shifting into technology based education such as:
  - Self-Paced Learning
  - Online learning platform and Web Based Learning



## 1.4 Issues: Strengths and Challenges

S.N.	Issues	Strengths	Challenges
1	Service delivery	<ul style="list-style-type: none"> <li>• Development of more competency (Skill) based training packages and Learning Resource Packages (LRP's) using blended approach</li> <li>• Revision and update of the existing training packages</li> <li>• Standard Operating Procedures (SOP's) and guidelines for training packages and training sites</li> </ul>	<ul style="list-style-type: none"> <li>• Shifting into one door trainings however, multi-door trainings persists</li> <li>• Shifting into technology based education such as self-paced learning, online learning platform as well as web based learning</li> <li>• Inadequate training follow up mechanism</li> <li>• High demand of training and limited resources</li> </ul>
2	Health workforce	<ul style="list-style-type: none"> <li>• Annual increment in the number of trained health workforce</li> <li>• Competent and skilled health workforce</li> </ul>	<ul style="list-style-type: none"> <li>• Manage a separate pool of trainers from different discipline</li> <li>• Need based selection of participants</li> <li>• Training Need Assessment for institutionalizing need based trainings.</li> <li>• Inclusion of participants from remote and backward districts</li> </ul>

3	Health information	<ul style="list-style-type: none"> <li>• Operation of TIMS at all provincial health training centers</li> <li>• Trainers and trainees profile are maintained in each province</li> </ul>	<ul style="list-style-type: none"> <li>• Inadequate skilled technical human resources to operate TIMS at all levels</li> <li>• Improper recording and inadequate reporting mechanism between province and federal health training center</li> </ul>
4	Logistics and infrastructure	<ul style="list-style-type: none"> <li>• Expansion and prior arrangements of training sites and training materials</li> </ul>	<ul style="list-style-type: none"> <li>• Inadequate accommodation facilities for training participants especially those who comes from</li> <li>• Limited sites for special training</li> <li>• Inadequate training materials</li> </ul>
5	Financing	<ul style="list-style-type: none"> <li>• Incentives and accommodation facilities to trainers as well as training participants</li> <li>• Support from government as well as various External Development partners</li> </ul>	<ul style="list-style-type: none"> <li>• Inadequate allocation of budget for training monitoring and quality assurance</li> <li>• Inadequate incentives for trainers and participants who travel from distant districts</li> </ul>

6	Leadership and governance	<ul style="list-style-type: none"> <li>• Coordination, collaboration and partnership with Province health training centers, External Development Partners, Bilateral and Multilateral Agencies for quality health training management and conduction</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of systematic coordination mechanism with province governments and local level for training management and quality control.</li> <li>• Accreditation, renewal and accountability of training sites</li> <li>• Timely revision of the training related policies , strategies and guidelines</li> </ul>
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## 5.5 Recommendations and Way Forward

- More emphasis on One-Door Training system
- Prioritizing training according to need based
- Assessment of training on participant and trainers selection
- Develop capacity of human resources inn operating TIMS effectively
- Strengthening the support in infrastructure development of the training sites
- Clarify the federal and provincial roles in supporting partner's mobilization and training site development
- Establish the mechanism of self-sustainability of trainings and allocate adequate budget for training monitoring and quality assurance
- Initiation of paid training systems through contracting out with the private sectors
- Initiation of the trainings into pre service education system

# ANNEXES

## ANNEX I:

### LIST OF TRAININGS AND ITS TYPE

S.N	Name of Training	Pre-Service Training	In-Service Training				
			Basic	Competency Based	Refresher	Induction	Other
1	Adolescent and Sexual Reproductive Health (ASRH)			√			
2	Advanced Skilled Birth Attendance(ASBA)			√			
3	Anesthetic Assistant Course (AAC)	√		√			
4	Antimicrobial Resistance Training (AMR)			√			
5	Basic Guideline for EPI, District Level		√				
6	Basic Life Support Training (BLS)			√			
8	Basic Logistic Training (BLT)	√	√				
9	Basic Medical Equipment Assistant training (BMEAT)	√					√
10	Burn Care Management (BCM)			√			
11	Cardio-Thoracic and Vascular Intensive Nursing Training (CTVIN)			√			
12	Case Investigation and Contact Tracing (CICT)		√	√			
13	Cervical Cancer Screening and Prevention (CCHP)		√	√			
14	Client Oriented Providers Efficient Participatory Learning Action (COPEPLA)		√				
15	Climate Change and Health Impact Training (CCHI)		√				

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16	Clinical Training Skills (CTS)			√			
17	Community Based Integrated Management of Childhood Illness (CBIMCI)		√	√	√		
18	Community Based Integrated Management of Neonatal and Childhood Illness (CBIMNCI)		√	√	√		
19	Community Based Newborn Care Program (CBNCP)		√	√	√		
20	Community Drug Program (CDP)		√				
21	Community First Aid Training (CFA)			√			
22	Comprehensive Abortion Care (CAC)			√	√		
23	Comprehensive Family Planning (CoFP and Counseling )			√	√		
24	Comprehensive Newborn Care Level II (CNC)			√	√		
25	Comprehensive Nutrition Specific Intervention Package (CNSI)			√	√		
26	COVID-19 Preparedness and Essential Critical Care Management (COVID-19 PE CCM)			√			
27	Critical Care Training Program (CCTP)			√			
28	Diabetes Education for Nurses Training (DE)		√	√			
29	Diploma in Biomedical Equipment Engineering Training (DBMEE)	√					√
30	District Health Trainers Skill Development Training (DToT)		√				
31	Effective Vaccine Management (EVM)			√			
32	Emergency Trauma Management (ETM)			√			
33	Essential Critical Care (ECC)			√	√		
34	Facility Based Integrated Management of Neonatal and Childhood Illness (FBIMNCI)		√	√	√		

35	Female Community Health Volunteers (FCHV)		√		√		
36	Gender Based Violence (GBV)		√	√			
37	Geriatric Nursing Care (GNC)		√	√			
38	Health Facility Operation Management Committee (HFOMC)		√	√			√
39	Health Logistics and EPI Cold Chain Management Training		√				√
40	Helping Baby Survive (HBS)			√			
41	ICU / CCU			√			
42	Implant		√	√	√		
43	Induction					√	
44	Infection Prevention (IP)		√	√	√		
45	Integrated Training on Environmental Health, Healthcare Waste Management, Water, Sanitation And Hygiene		√				
46	IUCD		√	√	√		
47	Lab Equipment (LE)			√			
48	Management of Obstetric Fistula (MOF)			√			
49	Medical Abortion (MA)			√	√		
50	Medico-Legal Training			√			
51	Menstrual Hygiene Management (MHM)		√				
52	Mental Health (MH)		√				
53	Mid-Level Practicum (MLP)	√	√	√			
54	Minilap		√	√	√		
55	Minimum Initial Service Package (MISP)			√			
56	Non-Scalpel Vasectomy (NSV)			√			
57	Occupational Health And Safety of Health Workers (OHAS)		√				√
58	Operation Theatre Technique and Management (OTTM)		√	√			
59	Package of Essential Non-Communicable Disease (PEN)		√				
60	Palliative Care (PC)		√				

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61	Pediatric Essential Critical Care Training (PECC)			√			
62	Pediatric Nursing Care (PNC)		√	√			
63	Pelvic Organ Prolapse (POP)			√			
64	Post Abortion Care (PAC)			√			
65	Post-partum Intrauterine Contraceptive Device (PPIUCD)			√			
66	Primary Emergency Care (PEC)		√	√			
67	Procurement System Training on Health Logistics (PST)		√				√
68	Pull System Training on Health Logistics Management (PS)		√				√
69	Renal Replacement Therapy (RRT)			√			
70	Road Traffic Accident And Safety Management (RTASM)		√				√
71	Rural Ultrasound (RU)			√			
72	Safe Abortion Services (SAS)		√	√	√		
73	Skill Birth Attendant (SBA)		√	√	√		
74	Spinal Cord Injury (SCI)			√			
75	Stress Management (SM)		√				√
76	Technical Training On Hemodialysis Machine (TTHM)			√			
77	Training Guideline for Strengthening Outreach Clinic (TGSOC)		√				√
78	Training on Bio-safety and Bio-security (TBB)			√			
79	Transaction Accounting and Budget Control System (TABUCS)		√				√
80	Ultrasound Training Courses (UTC)			√			
81	User Maintenance of X-Ray Equipment (XRE)		√				√
82	Web Based Logistic Management Information System (WBLMIS)	√	√				√

## ANNEX II: OVERVIEW OF VARIOUS TRAININGS

S. N.	Name of the training	No. of Training participant and trainer	Participant selection criteria	Trainer selection criteria	Duration of training
<b>Reproductive Health related trainings</b>					
<b>I</b>	<b>Family planning trainings</b>				
1	Comprehensive Family Planning and Counseling (CoFP)	<ul style="list-style-type: none"> <li>Participant: 16</li> <li>Trainer: 4</li> </ul>	<ul style="list-style-type: none"> <li>Participants registered in respective health council</li> <li>Committed to provide family planning services and have not taken previous training</li> <li>Qualified health institution with adequate no. of health clients (minimum 3-4 per day) or which provide FP services once in a week</li> <li>Health institution lacking FP related service provider will be prioritized for training</li> </ul>	<ul style="list-style-type: none"> <li>Certified CoFP service provider (MO/ H.A/Staff nurse or higher level)</li> <li>Have taken Clinical Skill Training(by clinicians) or TOT on CoFP counseling(by Public health officers/ Health education officers)</li> </ul>	8 days
2	IUCD	<ul style="list-style-type: none"> <li>Participant: 4</li> <li>Trainer: 2</li> </ul>	<ul style="list-style-type: none"> <li>ANM and Nursing staff registered in Nursing Council</li> <li>committed to provide family planning services and have not taken previous training</li> <li>Qualified health institution with adequate no. of health clients(minimum 3-4 per day) or which provide FP services once in a week</li> <li>Health institution lacking FP related service provider will be prioritized for training</li> </ul>	<ul style="list-style-type: none"> <li>Trained IUCD service provider</li> <li>Have taken Clinical Skill Training(by nursing staff or Doctors) and are certified</li> </ul>	8 days



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3	Implant insertion and removal	<ul style="list-style-type: none"> <li>Participant:4</li> <li>Trainer:2</li> </ul>	<ul style="list-style-type: none"> <li>Clinical service providers registered in respective health council</li> <li>Qualified health institution with adequate no. of health clients (minimum 3-4 per day) or which provide FP services once in a week</li> <li>Health institution lacking FP related service provider will be prioritized for training</li> </ul>	<ul style="list-style-type: none"> <li>Trained Implant service provider</li> <li>(Doctors/HA/ Nursing staffs)</li> <li>Have taken Clinical Skill Training and are certified</li> </ul>	8 days
4	Implant insertion and removal training for doctors	<ul style="list-style-type: none"> <li>Participant: 4</li> <li>Trainer:2</li> </ul>	<ul style="list-style-type: none"> <li>Doctors registered in Nepal Medical Council</li> <li>committed to provide family planning services and have not taken previous training</li> <li>Qualified health institution with adequate no. of health clients(minimum 3-4 per day) or which provide FP services once in a week</li> <li>Health institution lacking FP related service provider will be prioritized for training</li> </ul>	<ul style="list-style-type: none"> <li>Trained Implant service provider</li> <li>Have taken Clinical Skill Training and are certified</li> </ul>	5 days
5	Minilap	<ul style="list-style-type: none"> <li>Participant:4</li> <li>Trainer:2</li> </ul>	<ul style="list-style-type: none"> <li>Registered doctors and nurses</li> <li>committed to provide family planning services and have not taken previous training</li> <li>Qualified health institution with adequate no. of health clients(minimum 3-4 per day) or which provide FP services once in a week</li> <li>Health institution lacking FP related service provider will be prioritized for training</li> </ul>	<ul style="list-style-type: none"> <li>Trained Minilap service provider</li> <li>(Doctors/ Nursing staffs)</li> <li>Have taken Clinical Skill Training and are certified</li> </ul>	12 days

6	NSV (No scalpel Vasectomy)	<ul style="list-style-type: none"> <li>Participant:2</li> <li>Trainer:1</li> </ul>	<ul style="list-style-type: none"> <li>Doctors registered in Nepal Medical Council</li> <li>Committed to provide family planning services</li> <li>Qualified health institution with adequate no. of health clients (minimum 3-4 per day) or which provide FP services once in a week</li> <li>Health institution lacking FP related service provider will be prioritized for training</li> </ul>	<ul style="list-style-type: none"> <li>Trained Vasectomy service provider(doctors)</li> <li>Have taken Clinical Skill Training and are certified</li> </ul>	12 days
7	PP IUCD(group based)	<ul style="list-style-type: none"> <li>Participant: 6-9</li> <li>Trainer:3</li> </ul>	<ul style="list-style-type: none"> <li>Health service providers(doctors/ nurse/ midwives) of hospital/ clinic</li> </ul>	<ul style="list-style-type: none"> <li>Trained Skilled Birth Attendant</li> <li>Have taken Clinical Skill Training and are certified</li> <li>Have taken 3 days training on PP IUCD/ FP</li> </ul>	3 days
8	PP IUCD( working institutions)	<ul style="list-style-type: none"> <li>Participant: 6-9</li> <li>Trainer:3</li> </ul>	<ul style="list-style-type: none"> <li>Health service providers(doctors/ nurse/ midwives) of hospital/ clinic</li> <li>Participants registered in respective health council</li> </ul>	<ul style="list-style-type: none"> <li>Have taken 3 days training on PP IUCD/ FP</li> <li>Have taken Clinical Skill Training and are certified</li> </ul>	12
<b>II Safe Abortion Services Training</b>					
9	Second Trimester training	<ul style="list-style-type: none"> <li>Participant:5</li> <li>Trainer:3</li> </ul>	<ul style="list-style-type: none"> <li>ObGyn or MDGP working in EmONC</li> <li>Willing to give second trimester services</li> <li>Staff who are Skilled/ self-confident and is providing regular First Trimester Safe abortion(MVA)</li> <li>Participated in VCAT orientation</li> <li>Interested to carry out Post training follow up</li> </ul>	<ul style="list-style-type: none"> <li>Service provider who are Trained ObGyn or MDGP and are providing services as per national protocol and guidelines</li> <li>Have taken Clinical Skill Training and are certified</li> </ul>	<p>Medical Induction and D &amp; E (Integrated 12 days)</p> <p>Blended Learning Approach-D &amp; E and Medical Induction (7 days)</p> <p>Medical Induction Only (7days)</p>

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10	Comprehensive Abortion Care (First Trimester)	<ul style="list-style-type: none"> <li>Participant:</li> <li>Trainer:</li> </ul>	<ul style="list-style-type: none"> <li>Participants registered in respective health council( Doctors/SBA/nurse with IUCD training</li> <li>Doctors who have worked for at least 2 years in Obs/ Gyn department</li> </ul>	<ul style="list-style-type: none"> <li>Doctors and staff nurses providing regular services</li> <li>Doctors/ Nurses trained with SBA training</li> <li>Have taken Clinical Skill Training and are certified</li> </ul>	3 days- Ob/ Gyn ,MDGP  10 days- MBBS  14 days- Staff nurse
11	Medical Abortion	<ul style="list-style-type: none"> <li>Participant:6</li> <li>Trainer:2</li> </ul>	<ul style="list-style-type: none"> <li>Registered Nurses</li> <li>Trained Nurses on SBA and IUCD</li> </ul>	<ul style="list-style-type: none"> <li>Doctors and staff nurses providing regular services</li> <li>Have taken Clinical Skill Training and are certified</li> </ul>	5
<b>III Other trainings</b>					
12	Adolescent Sexual and Reproductive Health(ASRH)	<ul style="list-style-type: none"> <li>Participant: 15</li> <li>Trainer:5</li> </ul>	<ul style="list-style-type: none"> <li>Registered Service provider (Doctors/ Paramedics/nursing staffs providing ASRH friendly health services at Hospitals, PHCC and HP</li> </ul>	<ul style="list-style-type: none"> <li>Have taken ASRH related TOT</li> </ul>	5days
13	Health Response to GBV	<ul style="list-style-type: none"> <li>Participant:10</li> <li>Trainer:3</li> </ul>	<ul style="list-style-type: none"> <li>Doctors/ANM//Staff nurses/AHW registered in respective health council</li> <li>4days group based training for service provider</li> <li>First priority for untrained permanent health workers</li> <li>Health institution without other trained service provider are given first priority</li> </ul>	<ul style="list-style-type: none"> <li>Health service provider (doctors/ nurse) receiving 7 days TOT</li> <li>Priority to those trained with CTS</li> <li>Skilled police and lawyers for people affected by sexual violence as external trainers for police and legal aid sessions</li> </ul>	4days class room and 1 month self-study

14	Cervical Cancer Screening and Prevention (CCSP)	<ul style="list-style-type: none"> <li>• Participant:10</li> <li>• Trainer:4</li> </ul>	<ul style="list-style-type: none"> <li>• Doctors/ANM//Staff nurses/AHW registered in respective health council</li> <li>• Participating organizations with possibility of related health service seeking clients</li> <li>• Participating Health institution with adequate equipment including Cryotherapy machine</li> </ul>	<ul style="list-style-type: none"> <li>• Trained health service providers(doctors/ staff nurse) for 6 days</li> <li>• Have taken Clinical Skill Training and are certified</li> </ul>	6 days
15.	Pelvic Organ Prolapse (POP)	<ul style="list-style-type: none"> <li>• Participant:</li> <li>• Trainer:</li> </ul>	<ul style="list-style-type: none"> <li>• Registered doctors who have done MD-ObGyn, MDGP</li> <li>• Training demand from CEONC hospital</li> <li>• Health institution without trained POP service provider should be prioritized for training</li> </ul>	<ul style="list-style-type: none"> <li>• Trained on POP training skills standardisation and experiences on POP surgery, evaluation and management MD-ObGyn, MDGP doctors trained with Clinical Training Skill</li> <li>• Doctors specialized in pelvic organ repair surgery</li> <li>• Able to work with sufficient no. of participants, provide coaching, mentoring and teaching and provide quality care for the health of patients during the training period</li> </ul>	20 days

16	Obstetric Fistula (on-the-job training)	<ul style="list-style-type: none"> <li>Participant:</li> <li>Trainer:</li> </ul>	<ul style="list-style-type: none"> <li>ObGyn and Uro-surgeons having performed at least 25 major vaginal surgeries a year and MDGP having ObGyn surgery skill</li> <li>Nursing staff working in Obstetric Fistula unit</li> <li>Registered Medical officers and Nurses</li> <li>Health institutions with possibility of adequate health service seeking clients</li> <li>Health institution without trained Obstetric Fistula related service provider should be prioritized for training</li> </ul>	<ul style="list-style-type: none"> <li>Trained on Obstetric Fistula training skills standardisation and experiences on abdominal and vaginal fistula surgery, evaluation and management</li> <li>Fistula surgeon trained with CTS</li> <li>Registered nurses trained with nursing components of Obstetric Fistula</li> <li>Able to work with sufficient no. of participants, provide coaching, mentoring and teaching and provide quality care for the health of patients during the training period</li> </ul>	4 months
Safe Motherhood and Newborn care					
IV	Skilled Birth Attendant (SBA) training				
17	SBA training for ANM and staff nurses	<ul style="list-style-type: none"> <li>Participant: 8 to 14</li> <li>Trainer:4</li> </ul>	<ul style="list-style-type: none"> <li>Staff Nurses and ANM registered in Nepal Nursing Council</li> <li>Nursing staff who is working in maternity service and has not got any trainings will be prioritized</li> <li>Interested to provide service after training</li> <li>Health institution with untrained nursing staffs should be prioritized</li> </ul>	<ul style="list-style-type: none"> <li>Clinical expert and trained on neonatal care, PMTCT and family planning</li> <li>Doctors/Nurses who have received CTS training</li> <li>Having core SBA skills</li> </ul>	60 days

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18	Skilled Birth Attendant training for medical officers	Participant:5-7 Trainer:4	<ul style="list-style-type: none"> <li>Registered doctor in NMC</li> <li>Untrained doctors who are willing to provide service after training</li> <li>Health institutions with untrained service provider and with adequate clients should be the priority</li> </ul>	<ul style="list-style-type: none"> <li>Skilled with core SBA</li> <li>Nurse or doctor with CTS training</li> <li>Clinical expert and is trained in Neonatal care, PMTCT and family planning</li> </ul>	45 days
19	Advanced Skilled Birth Attendant Training(ASBA)	Participant:4 Trainer:3	<ul style="list-style-type: none"> <li>MBBS doctor with one-year experience</li> <li>Have core SBA skills</li> <li>Participant working in the health institution where CEONC, anesthesia, blood circulation, neonatal resuscitation related services are available</li> <li>Require minimum 2 year of service in institution where CEONC service is available</li> </ul>	<ul style="list-style-type: none"> <li>Qualified Consultant Obstetrician/ Registrars of hospital with adequate patients involved in EmOC who is committed to provide advanced SBA trainings</li> <li>Trained on CTS and SBA and is providing services in SBA training sites</li> </ul>	10 weeks
20	Comprehensive Newborn care (CNC) Training (Level II)	<ul style="list-style-type: none"> <li>Participant: 12</li> <li>Trainer:4</li> </ul>	<ul style="list-style-type: none"> <li>Staff nurse registered in Nepal Nursing Council</li> <li>Untrained on Newborn care(level 2) but is providing SNCU services and committed to provide services</li> <li>Participant working in secondary level hospital</li> </ul>	<ul style="list-style-type: none"> <li>Trained and certified Newborn care service provider(MO/ Staff nurses or nursing staff of higher level)</li> <li>Trained on CTS</li> </ul>	15 days

Health Related other trainings					
V.	Infection Prevention and healthcare waste management training				
21	Infection Prevention and healthcare waste management training for District Hospitals	<ul style="list-style-type: none"> <li>Participant: 10-15</li> <li>Trainer:4</li> </ul>	<ul style="list-style-type: none"> <li>Doctors, Nursing staffs, Paramedics and Office Assistant working in respective health institutions</li> </ul>	<ul style="list-style-type: none"> <li>Received TOT on Infection Prevention Training</li> <li>Technical service providers who is informed on Quality health services</li> </ul>	5 days

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22	Infection Prevention and healthcare waste Management training for health institutions (Community Level)	<ul style="list-style-type: none"> <li>Participant: 10-15</li> <li>Trainer:4</li> </ul>	<ul style="list-style-type: none"> <li>Doctors, Nursing staffs, Paramedics and Office Assistant working in respective health institutions</li> </ul>	<ul style="list-style-type: none"> <li>Received TOT on Infection Prevention Training</li> <li>Technical service providers who is informed on Quality health services</li> </ul>	3 days
23	Orientation on Infection Prevention and healthcare waste Management for hospitals	<ul style="list-style-type: none"> <li>Participant:</li> <li>Trainer:</li> </ul>	<ul style="list-style-type: none"> <li>Doctors, Nursing staffs, Paramedics, Administrative staffs and Office Assistant working in respective health institutions</li> </ul>	<ul style="list-style-type: none"> <li>TOT on Infection Prevention Training</li> <li>Technical service providers who is informed on quality health services</li> </ul>	1 days
24	Orientation on Infection Prevention and healthcare waste Management for health institutions	<ul style="list-style-type: none"> <li>Participant:</li> <li>Trainer:</li> </ul>	<ul style="list-style-type: none"> <li>Doctors, Nursing staffs, Paramedics, Administrative staffs and Office Assistant working in respective health institutions</li> </ul>	<ul style="list-style-type: none"> <li>TOT on Infection Prevention Training</li> <li>Technical service providers who is informed on quality health services</li> </ul>	1 days
25	Operation Theatre Technique and Management (OTTM)	<ul style="list-style-type: none"> <li>Participant: 9-12</li> <li>Trainer:4</li> </ul>	<ul style="list-style-type: none"> <li>Completed min. staff nurse course and registered in Nepal Nursing Council</li> <li>Participant working regularly in surgical site of the hospital</li> <li>Health institution with requirement of human resources (minimum working staff nurse) for operation and management of surgical procedure should be given priority</li> </ul>	<ul style="list-style-type: none"> <li>Received OTTM training</li> <li>Staff nurse or nursing officer who have taken CTS training</li> <li>Experienced on OTTM</li> <li>Trainer receiving Skill Standardization on OT skill</li> <li>Provided minimum 2 batch training on OTTM as a Co-trainer</li> </ul>	48 days
26	Clinical Skill Training (CTS)	<ul style="list-style-type: none"> <li>Participant: 12-14</li> <li>Trainer:4</li> </ul>	<ul style="list-style-type: none"> <li>Doctors, Staff Nurses, HA registered in respective council</li> <li>Skilled service provider receiving training on respective clinical services</li> <li>For new training sites, completed required guidelines for conducting essential training</li> <li>Clinical coaching for Medical, Nursing and Paramedics</li> </ul>	<ul style="list-style-type: none"> <li>Working as an active CTS trainer after receiving advanced clinical training skill training</li> <li>Received Master Trainer Skills or Standardization from New CTS package</li> <li>Working as a Co-trainer in minimum 2 CTS training</li> </ul>	5 days

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27.	Mid-Level Practicum training for Mid-level health service providers	<ul style="list-style-type: none"> <li>Participant: 8-12</li> <li>Trainer:4</li> </ul>	<ul style="list-style-type: none"> <li>Health Assistant or AHW who is experienced to provide health services and is working permanently for 2 years' minimum</li> </ul>	<ul style="list-style-type: none"> <li>Received CTS MLP training and working in hospitals designated as MLP training site</li> <li>MO/ H.A /Staff nurses who has taken TOT on Primary Trauma Care (PTC)</li> </ul>	60 days
28.	Anesthesia Assistant Course (AAC)	<ul style="list-style-type: none"> <li>Participant:15</li> <li>Trainer:4</li> </ul>	<ul style="list-style-type: none"> <li><u>Non-governmental Participants:</u></li> <li>Staff nurse, HA and Ophthalmic Assistant who is working in hospitals with availability or plans for surgery facilities</li> <li>Participant committed to provide health services</li> <li>HA/ SN/OA who has passed basic course within 10 years and is serving in recent post for 3 years</li> <li>Participant less than 40 years</li> <li><u>Government participants:</u></li> <li>Staff nurse and HA who is working in hospitals with availability or plans for surgery facilities</li> <li>Actively serving in clinical services before course has begun and has written commitment for working in anesthesia after completion of the course</li> <li>Participants should be selected from the hospitals capacitated with regular supplies, equipment, supervision, linkage with referral facilities for anesthesia services</li> <li>HA/ SN/OA who has passed basic course within 10 years and is serving in recent post for 3 years</li> <li>Participant less than 40 years</li> </ul>	<ul style="list-style-type: none"> <li>MD Anesthesia who has taken CTS training and other 2 Anesthesia service provider(Anesthesia doctor, MDGP, or AA)</li> </ul>	12 months



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29	Package for Essential Non-Communicable Diseases (PEN)	For TOT: Participant:20 & Trainer:4-5 & For service provider: Participant:25 & Trainer:5	<u>For TOT:</u>  MO/PHO/Nursing Officer registered in respective council and experienced to provide health services	<u>For TOT as well as service provider:</u>  MO/PHO/Nursing officer who has received TOT	4 days
			<u>For service provider:</u>  MO/HA/Nursing Staff/AHW	PEN related subject expert	4 days
30.	Palliative care training (PC)	<ul style="list-style-type: none"> <li>Participant:16</li> <li>Trainer:4-5</li> </ul>	<ul style="list-style-type: none"> <li>MO/Staff nurse or above who has been registered in respective council</li> <li>Providing services in general hospital/cancer hospital/hospice/Palliative care centers/Geriatric centers</li> <li>Health service provider</li> </ul>	<ul style="list-style-type: none"> <li>Have received TOT on CTS and Palliative care</li> <li>Experienced doctors/ staff nurses on Palliative care</li> </ul>	7 days

31.	Mental Health training (MH)	<ul style="list-style-type: none"> <li>Participant: 16-20</li> <li>Trainer: 4</li> </ul>	<u>Module 1:</u>  A. <u>For TOT participants:</u>  1. Clinical Psychologists, staff nurse, B.Sc nursing, BN  Registered in respective council  B. <u>For Service provider</u>  Staff nurse, B.Sc nursing, BN and ANM (passed 18 months' course) and registered in respective council  <u>Module 2:</u>  <u>For TOT:</u>  Completed MBBS or is clinical psychologists  <u>For service provider:</u>  MO/HA	<u>Module 1:</u> <ul style="list-style-type: none"> <li>Clinical Psychologist/ psychiatrist</li> <li>Completed and has experience on Clinical Psychology/ Counseling Psychology or Bachelor in Psychology, Bachelor/Master in Psychiatric nursing,</li> <li>Post graduate in Psychology or minimum 1-year experience after bachelor in nursing</li> <li>Received relevant ToT</li> </ul> <u>Module 2:</u> <ul style="list-style-type: none"> <li>Psychiatrist</li> <li>Clinical Psychologist</li> <li>Have taken essential mental health training in mhGAP and has managed atleast 50 patient with mental health problem</li> <li><u>Psychology:</u> managed atleast 50 patient with mental health problems and master in clinical psychology or masters in counselling psychology</li> </ul>	Module 1: 6 days  Module 2: 6 days  Module 3: 3 days  Module 4: 2 days

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32.	Spinal Cord Injury (SCI) Training	<ul style="list-style-type: none"> <li>• Participants: 20-24 per batch</li> <li>• Trainer: 4/ batch</li> </ul>	<ul style="list-style-type: none"> <li>• Medical doctors, Nurses, Physiotherapists, Occupational therapists, Psychologists and Prosthetics and Orthotics professionals who have been working in SCI care.</li> </ul>	<ul style="list-style-type: none"> <li>• Medical doctors-Physical Medicine and Rehabilitation/SCI Physicians (MD or above), Neuro or orthopedic or MD/MS level), experienced and working in spinal cord injury care)</li> <li>• Masters in Physiotherapy, and working in post-acute care and rehabilitation of SCI in spinal rehabilitation unit atleast one- year experience</li> <li>• Bachelor in Occupational therapy or Bachelor in Nursing or equivalent level working in spinal care unit at least one –year experience</li> <li>• Master in clinical psychology working in SCI rehabilitation unit at least one-year experience</li> <li>• Co-facilitators;</li> <li>• Should be from health related field and having at least 5 years of experience in the field of post-acute care and rehabilitation of patients with spinal cord injury</li> </ul>	3 days
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33.	Pediatric Nursing Care (PNS) training	<ul style="list-style-type: none"> <li>Participant:10 per batch</li> <li>Facilitators: 4 per batch</li> </ul>	<ul style="list-style-type: none"> <li>Staff Nurse, ANM and working in pediatric ward.</li> </ul>	<ul style="list-style-type: none"> <li>Child disease specialist or bachelor in Pediatric Nursing</li> <li>Staff nurse trained in pediatric nursing</li> <li>Have received CTS training</li> </ul>	30 days
34.	Induction training	<ul style="list-style-type: none"> <li>Participant: 20-25 per batch</li> <li>Facilitator: 4 per batch</li> </ul>	<ul style="list-style-type: none"> <li>New cadre of health workers for regular service being certified from Loksewa Aayog</li> </ul>	<ul style="list-style-type: none"> <li>Chief guest, departmental head, central director, FCHV director and</li> <li>respective subject experts from MOHP</li> </ul>	30 days
35.	Stress Management Training	<p>Participant:20-25</p> <p>Facilitator:4per batch</p>	<ul style="list-style-type: none"> <li>Participants for homogenous method:</li> <li>Uniform age group, sex, occupation, economic status, office, locality and position of work</li> <li>Participants for mixed method:</li> <li>Different age group, sex, occupation, economic status, office, locality and position of work</li> </ul>	<ul style="list-style-type: none"> <li>Received training for stress management and has conducted training after receiving TOT for stress management</li> </ul>	<p>Short- 5 Hrs</p> <p>Medium-8 Hrs</p> <p>Long duration-2 days</p>
36.	Health Facility Operation Management Committee (HFOMC) capacity building training	<p>Participant:20-22 per batch</p> <p>Facilitator:3 per batch</p>	<p>1.<u>For TOT:</u></p> <p>Health coordinator of municipality, deputy coordinator, social development officer</p> <p>2.<u>Training for local level:</u></p> <p>Health institution in-charge, Ward chairperson/ secretary</p> <p>3.<u>Orientation:</u> HFOMC members, invited members etc</p>	<p><u>For TOT:</u></p> <p>1.Health workers of health institutions</p> <p>2.Received TOT on HFOMC</p> <p>2.For HFOMC Training for local level and orientation:</p> <p>Health coordinator of municipality, deputy coordinator, social development officer</p> <p>Received TOT on HFOMC</p>	<p>TOT-3 days</p> <p>Training for local level:2 days</p> <p>Orientation: 2 days</p>

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37.	Burn Care Management training (BCM)	Participant:16 per batch Facilitator:4 per batch	<ul style="list-style-type: none"> <li>Doctors/ H.A/ AHW/ or nursing staffs of any levels who works in Emergency Rooms</li> <li>Registered Nursing staffs or paramedics</li> </ul>	<ul style="list-style-type: none"> <li>Respective subject experts</li> <li>Received TOT on Burn care management</li> <li>Health workers who received CTS and listed in NHTC</li> </ul>	6 days
38.	Climate change and health impact (CCHI)	Participant: 25-30 per batch Facilitator: 4 per batch	<ul style="list-style-type: none"> <li>Policy makers in provincial level</li> <li>Health service providers at all levels and responsible person of concerned institutions</li> </ul>	<ul style="list-style-type: none"> <li>Respective subject experts or who has received TOT</li> </ul>	2 days
39.	ICU/CCU training	<ul style="list-style-type: none"> <li>Participant: 10-12 per batch</li> <li>Trainer:4 per batch</li> </ul>	<ul style="list-style-type: none"> <li>Registered doctor's/ nursing staffs</li> <li>Working in central, province and medical college having ICU/CCU services</li> <li>Proficiency certificate in Nursing or higher educational qualification</li> </ul>	<ul style="list-style-type: none"> <li>Graduate/ Master degree in Nursing or Medicine working in related field</li> <li>Service provider with CTS</li> </ul>	45 days
40.	Dialysis Care Management (RRT)	<ul style="list-style-type: none"> <li>Participant-10-15 per batch</li> <li>Trainer-3 per batch</li> </ul>	<p>For 3-month training</p> <ul style="list-style-type: none"> <li>Minimum PCL Nursing completed for nursing staffs and paramedic staff with minimum HA</li> </ul> <p>For 2-month training</p> <ul style="list-style-type: none"> <li>MBBS</li> <li>Registered in NMC</li> </ul> <p>For 1-month training</p> <ul style="list-style-type: none"> <li>MD Internal Medicine</li> <li>Registered in NMC</li> </ul>	<ul style="list-style-type: none"> <li>Nephrologist and service provider</li> <li>Nursing/ Paramedics who is a trained dialysis service provider</li> <li>Have taken CTS</li> </ul>	<p>3months for nursing staffs and paramedics</p> <p>2 months for MBBS medical officers</p> <p>1 month for MD Medical Officer</p>
41.	Occupational Health and Safety For health Workers (OHAS)	<ul style="list-style-type: none"> <li>Participant-16 per batch</li> <li>Trainer-4 per batch</li> </ul>	<ul style="list-style-type: none"> <li>Health service provider registered in respective health councils and other working staffs</li> </ul>	<ul style="list-style-type: none"> <li>Received OHS related TOT or subject expert</li> </ul>	3 days

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42.	Road traffic Accidents and Safety (RTASM)	<ul style="list-style-type: none"> <li>Participant-20 per batch</li> <li>Trainer-4 per batch</li> </ul>	<ul style="list-style-type: none"> <li>Doctors, Nursing staffs and Paramedics registered in respective council</li> </ul>	<ul style="list-style-type: none"> <li>Service provider (Doctors, nursing staffs and Paramedics) who has received TOT on RTA</li> <li>Service provider with CTS training</li> <li>Subject expert</li> </ul>	5 days
43.	Antimicrobial Resistance (AMR) training	<ul style="list-style-type: none"> <li>Participant-16 per batch</li> <li>Trainer-4 per batch</li> </ul>	<ul style="list-style-type: none"> <li>Health service provider (Doctors, Paramedics and Pharmacist) registered in respective health councils</li> </ul>	<ul style="list-style-type: none"> <li>Subject expert</li> <li>Service provider (Doctors, Paramedics and Pharmacist) who has received TOT</li> </ul>	3 days
44.	Rural Ultrasound (RU) Training	<ul style="list-style-type: none"> <li>Participant-5 per batch</li> <li>Trainer-4 per batch</li> </ul>	<ul style="list-style-type: none"> <li>Registered Nursing Staff (with minimum PCL) who has received SBA training</li> <li>Interested to serve in remote areas for at least 2 years after receiving training</li> </ul>	<ul style="list-style-type: none"> <li>Have taken CTS as well as RUSG training or Radiologist or Ultrasonologist doctor</li> <li>Registered in respective council</li> </ul>	21 days
45.	Geriatric Nursing Care (GNC)	<ul style="list-style-type: none"> <li>Participant-20 per batch</li> <li>Trainer: 4-5 per batch</li> </ul>	<ul style="list-style-type: none"> <li>Registered Service provider (Staff Nurse)</li> </ul>	<ul style="list-style-type: none"> <li>MD in Geriatric Medicine, Bachelor or Masters in Geriatric Nursing Care(GNC)</li> <li>GNC trained service provider or Social Gerontologist working in service of Elderly people</li> <li>CTS trained GNC service provider</li> </ul>	6 days
46.	Cardio- thoracic and Vascular Intensive Nursing (CTVIN) Training	<ul style="list-style-type: none"> <li>Participant:20 per batch</li> <li>Trainer:5-6 per batch</li> </ul>	<ul style="list-style-type: none"> <li>Minimum PCL nursing from accredited educational institutions</li> <li>Participants registered in respective council</li> <li>Participant working in central, provincial, teaching hospitals and hospitals with related service</li> </ul>	<ul style="list-style-type: none"> <li>Cardiologists, Vascular surgeons, Cardiothoracic surgeons, Anaesthesiologists, Purfutioniest)</li> <li>Working in related areas after receiving CTS training</li> </ul>	3 months

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47.	Diploma in Biomedical Equipment Engineering (DBMEE)	<ul style="list-style-type: none"> <li>Participant-24 per batch</li> <li>Theoretical: Trainer:4 per batch</li> <li>Practical: Ratio of trainer and participant-1:10</li> <li>For practice: Ratio of trainer and participant-1:8</li> </ul>	<ul style="list-style-type: none"> <li>10+2 passed in Science from accredited educational institutions</li> <li>Or I.Sc. passed or passed any equivalent</li> </ul>	<ul style="list-style-type: none"> <li>B.E in Biomedical or Electronics for theoretical knowledge</li> <li>Diploma or B.E passed in respective subject for practical knowledge</li> <li>Expert trainer listed in trainer list of NHTC</li> </ul>	18 months
48.	Biomedical Equipment Assistant Technician (BMEAT) Training	<ul style="list-style-type: none"> <li>Participant: 12-15 per batch</li> </ul> <p>Trainer:2-3 per batch</p>	<ul style="list-style-type: none"> <li>Office Assistant working in primary, secondary or tertiary hospitals</li> <li>Primary education up to class 8 or experienced as per BMEAT work criteria to fulfill required need</li> <li>Actively involved in hospitals and interested to work in repair and maintenance of Biomedical equipment</li> <li>Not crossed 45 years of age</li> <li>Written letter by Medical Superintendent from hospitals ensuring educational qualification of participant with assigned responsibility from supervisor</li> </ul>	<ul style="list-style-type: none"> <li>Received 1 year Biomedical Equipment training from NHTC</li> </ul>	8 weeks
49.	Diabetes Education for Nurses Training (DE)	<ul style="list-style-type: none"> <li>Participant-25 per batch</li> </ul> <p>Trainer-5 per batch</p>	<ul style="list-style-type: none"> <li>Staff nurse or higher</li> <li>Registered Nurses staffs from Nepal Nursing Council</li> </ul>	<ul style="list-style-type: none"> <li>Received CTS</li> <li>At least 1-2 people from clinical background and Public Health Nurse at least (3-4)</li> </ul>	6 days

50.	Helping Babies Survive training (HBS)	<ul style="list-style-type: none"> <li>Participant: 16-20 per batch</li> <li>Trainer: 4-5 per batch</li> </ul>	<ul style="list-style-type: none"> <li>Registered Nursing staffs working in Maternal and Child ward</li> </ul>	<ul style="list-style-type: none"> <li>Have received CTS</li> <li>At least 1-year experience on Newborn Clinical work</li> <li>Completed MPH or BSc. Nursing or SBA trained nursing staff or MD or MBBS from accredited educational institutions</li> <li>Registered in respective councils</li> </ul>	4 days class room and 1 month self-study
51.	Training on Biosafety and Biosecurity	<p>Participants: 16</p> <p>Trainers: 4</p>	<ul style="list-style-type: none"> <li>Laboratory professionals (laboratory technician, laboratory technologist and higher) working at different level of healthcare facilities (HP, PHC, Hospitals)</li> </ul>	<ul style="list-style-type: none"> <li>Lead trainer will be senior laboratory expert or lab biosafety/ security expert.</li> <li>The trainers will be master's graduates (Laboratory science, Microbiology, Biochemistry, Laboratory safety or related subject).</li> <li>Or BSS trained laboratory people with ToT or CTS trained.</li> </ul>	4 days



52.	Technical Training on Hemodialysis Machine (TTHM)	Participants: 10 Trainers: 2	•	<ul style="list-style-type: none"><li>• The lead trainer will be senior Bio-medical equipment technician/ Hemodialysis technician with experience in Hemodialysis equipment and with ToT/CTS.</li><li>• Co-Trainer will be Bio-medical engineer/ Biomedical equipment technician/ Hemodialysis technician with experience in Hemodialysis equipment and with ToT/CTS.</li><li>• Engineer/ technician with expertise in water treatment plant with ToT/CTS will also be the trainer for the training.</li></ul>	15 days
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### **ANNEX III: GLIMPSES OF VARIOUS TRAININGS AND PROGRAMS**



Update/Refresher Training for Safe Abortion Services (SAS)



Essential Critical Care Training



Sanitation campaign under the periphery of NHTC



Infection Prevention and Control Training



Ambulance Driver Training



Training of Trainers on Minimum Initial Service Package (MISP)for SRH in Humanitarian Setting



User's Training on Biomedical Equipment



Clinical Training Skill (CTS)



Adolescence Sexual Reproductive Health Training



Training of Trainers on Visual Inspection with Acetic Acid (VIA)/Thermal Coagulation



Hospital Preparedness for Emergency (HoPE) Training





FEP at Dolakha  
(Charikot, Singati, Suri, Jiri, and Bhirkot)



Followup and Enhancement visit  
at Aaiselukharka PHC, Khotang



Family Planning Training site Accreditation  
Supervision at Narayani Hospital



Follow up and Enhancement at Sindhuli



Dhulikhel hospital visit to develop and strengthen the  
training sites as well as to handover some equipment  
under the site strengthening activities



Follow up and enhancement at Manang Hospital

