



# Integration of Certificate Course in Community Health in Basic and Post-Basic Nursing Programs

February 11, 2020

# Introduction

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Under Ayushman Bharat, the transformation of 1.5 lakh sub-centers into Health and Wellness Centers are being done through incremental addition of Community Health Officers (CHOs)

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A CHO, is either a General Nurse Midwife (GNM) or a B.Sc nurse and is trained in Certificate Course in Community Health (CCCH)

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Across majority of the states, CCCH is being run across through IGNOU notified program study centers established at Medical Colleges, Nursing Institutions, District Hospitals, Sub-District & Not-for-profit Hospitals.

# Need for integration



**Low  
admission  
rates**



**High attrition  
due to long  
period of  
course**



**Poor pass  
percentages**



**Sanctioned  
seats do not  
get filled up**

As a result of failure to meet the high demand of CHO production, Ministry of Health and Family Welfare (MoHFW) envisaged the need for exploring alternate options for creating a rapid turnover of the CHOs. At present, nearly 90,000 B.Sc and 25,000 Post-Basic B.Sc (PBBSc) students are graduating in the country annually. As a means to leverage on the substantial numbers of nursing students graduating every year, MoHFW decided to integrate the CCCH curriculum into the existing B.Sc/ PBBSc nursing curriculum.

# Benefits of integration



Large number of trained nurses produced meeting the target of CHOs required



Graduated nurses already skilled to provide quality CPHC at community



Time and cost incurred in providing additional CCCH training to nurses is avoided



Reduced dependency on IGNOU/ other Health universities endorsing the program

# Scope of Integration



Issued circular to all State Nursing Councils and universities offering B.Sc/PB BSc nursing programs to integrate the CHO curriculum into the B.Sc/PB BSc programs

4<sup>th</sup> year of BSc or 2<sup>nd</sup> year of PBB.Sc would be trained on competencies in delivering public health and primary health care services at the level of community

The INC has enlisted set of 19 topics that need to be incorporated into the existing curriculum and another 19 topics which need to be reviewed from the existing curriculum

# Topics to be incorporated into existing curriculum

Sl.no	Topic	Sl.no	Topic
1	Roles & Responsibility of MLHP	11	Integrated Disease Surveillance Project (IDSP)
2	New National Health Programs	12	Maternal and Child Tracking System (MCTS)
3	CPHC- Concept. Key elements	13	Chikungunya
4	Standard treatment protocols at SC	14	Organization of Labor room
5	Rashtriya Bal Suraksha Karyakaram (RBSK)	15	Safe birth checklist
6	Social Mobilization skills	16	Postpartum visit by Health worker
7	Drug dispensing	17	Family Planning 2020
8	Programme management including Monitoring & Supervision	18	National Family Planning programme
9	Investigation of Outbreak	19	Food Borne diseases
10	Behaviour change communication and soft skills		

# Topics to be reviewed in the existing curriculum

Sl.no	Topic	Sl.no	Topic
1	Health Planning and Healthcare delivery system in India (IPHS)	11	National Nutrition Mission
2	Health Management Information System (HMIS)	12	Use of Equipment
3	Electronic Medical Record	13	Throat problem and febrile seizure in children
4	Micro birth Planning	14	Transportation of baby and common accidents , mishaps in LR
5	Adolescent Counselling	15	Counselling- GATHER approach
6	Sources of Vital Statistics	16	Update Biomedical Waste Management (BMW) and rules of 2016
7	Financial management, Accounts and computing at Sub Center	17	Suturing of superficial wounds
8	Mental health act and de-addicting programme	18	Post-Partum Intra Uterine Contraceptive Device
9	Time trend in disease occurrence in Epidemiology	19	National Health Programmes on Communicable & NCDs
10	Infant and Young Child Feeding (IYCF) and counselling		

# Integration of CCCH program into the existing curriculum

Required hours for teaching additional curriculum in B.Sc/PBBSc Nursing Program	75 hours (theory + practical)
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Sl. No.	Topics to be reviewed	Total No. of topics	Theory Hours	Practical Hours	Total
1	Topics to be incorporated	19	17 Hours	25.5 Hours	42.5 Hours
2	Topics to be reviewed	19	14.5 Hours	18 hours	32.5 Hours
<b>Total topics</b>		<b>38</b>	<b>31.5 Hours</b>	<b>43.5 Hours</b>	<b>75 Hours</b>



# Allotment of hours in the existing curriculum

Course	Year	Subject	Theory (Hrs.)	Practical (Hrs.)
B.Sc Nursing	II year	Community Health Nursing I	90	135
	IV year	Community Health Nursing II	90	135
	Internship	Community Health Nursing	-	195
PBBSc Nursing	II year	Community Health Nursing	60	240

# Plan for Integration

- It is expected that, the topics to be reviewed are already being taught to students and the institutions just need to update based on the revised guidelines/resource materials
- The topics to be incorporated can be covered in 42 hours
  - 17 hours for theory and
  - 25 hours for practical
- The additional 17 hours for theory can be covered either during first half of the 4<sup>th</sup> year or during internship period
- The 25 hours for practical skills can either be completed during first half or internship

# Course plan for Fourth Year BSc

Course Duration as per INC	
Duration available	52 weeks
Examination	04 weeks
Vacation	08 weeks
Gazetted Holiday	03 weeks
Available duration for 4 <sup>th</sup> year	37 weeks (1776 hours @ 8 hours per day)

Existing course plan of 4 <sup>th</sup> year			
First half			Internship
Prescribed hours	Theory	Practical	Practical
	225	315	1150
<b>Grand Total</b>			<b>1690 Hours</b>

Revised Course Plan for 4 <sup>th</sup> year			
First half			Internship
Prescribed hours	Theory	Practical	Practical
	225 <b>+17</b>	315	1150 <b>+25</b>
<b>Grand Total</b>			<b>1715 Hours</b>

# Course plan for Second Year PB BSc

Course Duration as per INC	
Duration available	52 weeks
Examination	04 weeks
Vacation	03 weeks
Gazetted Holiday	03 weeks
Available duration for 4 <sup>th</sup> year	42 weeks (1764 hours @ 7 hours per day)

Existing course plan of 2 <sup>nd</sup> year		
Prescribed hours	Theory	Practical
	345	855
	<b>Grand Total 1200</b>	

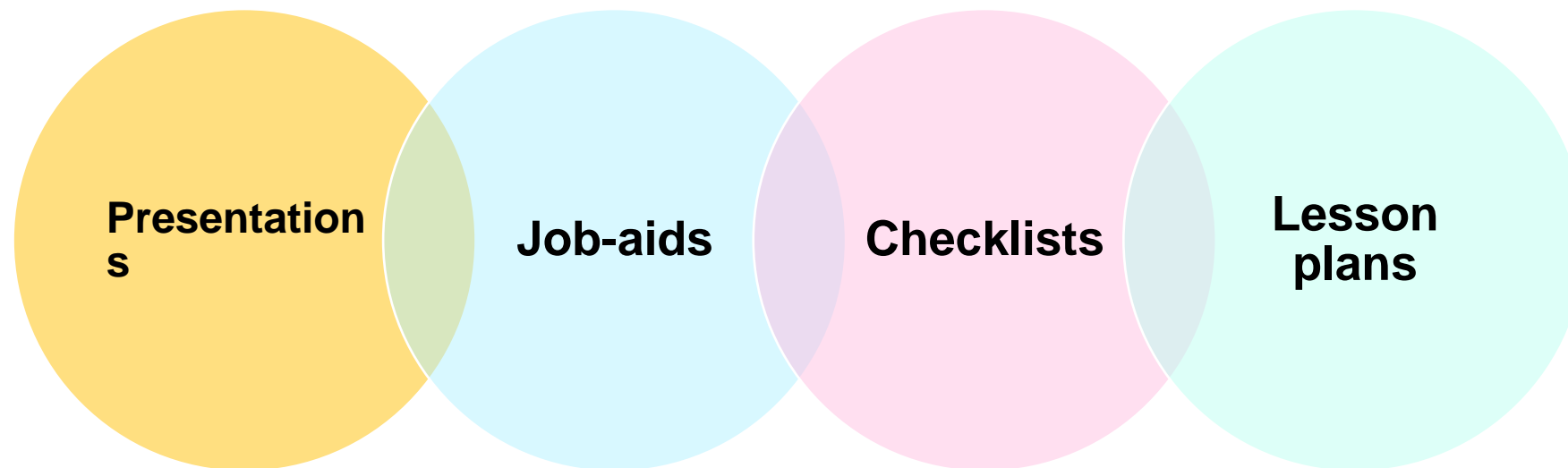
Revised Course Plan for 2 <sup>nd</sup> year		
Prescribed hours	Theory	Practical
	345 <u>+17</u>	855 <u>+25</u>
	<b>Grand Total 1242</b>	

# Learning Resource Package developed by USAID NISHTHA/ Jhpiego - the need

- As instructed by MoHFW and INC, State Nursing Councils (SNCs) were supposed to develop a course content on two separate lists of 19 topics for integration and review which were provided by the INC.
- However, there was no clarity among the SNCs regarding developing the course content leading to a delay in the smooth integration of this course.
- Realizing this felt need, and having an experience in successfully developing Learning Resource Packages (LRPs) and implementing the CCCH course in the 12 intervention states, NISHTHA/ Jhpiego prepared a structured and standardized LRP for the 19 recommended topics.

# Learning Resource Package developed by USAID NISHTHA/ Jhpiego

Based on their prior experience in developing and implementing innovative LRPs in the 12 intervention states, NISHTHA/ Jhpiego has prepared a LRP which can facilitate the nursing colleges in conducting structured and quality classes for the prospective CHOs in the form of:



# Frame Work of LRP developed – recommended topics

#	Topics	Duration (M)		Description	Resource materials
		Th.	Pr.		
1	Roles & Responsibility of MLHP/CHO	30		<b>Theory:</b> Roles expected from CHO during their posting at sub-centres in the community	Lesson Plan; PPT
2	New National Health Programs	240		<b>Theory:</b> Includes updates in National Health Programmes in RMNCAH+N, Adolescent health, MHS, PMSMA, Dakhshata, SUMAN - Surakshit Matritva Aashwasa, WIFS & National Iron Plus Initiative guideline, NTEP, NPCBVI, NPHCE, NPPCD, NTCP, NOHP, NPPC, NPPMBI. Technical updates- Vit- A Supplementation, Iron Supplementation, Albendazole and Calcium supplementation to pregnant women, Antenatal Corticosteroids	Lesson Plan; PPT
3	Ayushman Bharat, CPHC- Concept. Key elements	60	120	<b>Theory:</b> Upgradation of SC-HWC; Concept of CPHC- CPHC Guideline; PMJAY <b>Practical:</b> Visit to SC-HWC during the internship; Understand functionalities of SC-HWC using checklist	Lesson Plan; PPT Checklist
4	Standard treatment protocols at SC	60	120	<b>Theory:</b> Care by CHO as per service delivery framework of CPHC guidelines <b>Practical:</b> Diagnostics at SC-HWC	Lesson Plan; PPT Checklist

# Frame Work of LRP developed – recommended topics

#	Topics	Duration (M)		Description	Resource materials
		Th.	Pr.		
5	RBSK	40	240	<b>Theory:</b> The recent updates and programmatic components <b>Practical:</b> Activity 38, 3 and 41 of module 3 of CCH	Lesson Plan; PPT Checklist
6	Social Mobilization skills	30	120	<b>Theory:</b> Understand the concept and benefits Social Mobilization; role of Health Worker in Social Mobilization <b>Practical:</b> Activity 8 of module 3 of CCH	Lesson Plan; PPT Checklist
7	Drug dispensing	60	120	<b>Theory:</b> Drug prescription; Drug dispensing; Administration of medications (Oral and Injections); Handling and disposal of injection related wastes <b>Practical:</b> Activity 14 of module 3 of CCH	Lesson Plan; PPT Checklist
8	Programme management including Monitoring & Supervision	30		<b>Theory:</b> SC-HWC as a program and its impact on community health. CHO's role as manager. Concepts of Leadership, Supervision, Monitoring and De-stressing	Lesson Plan; PPT



# Frame Work of LRP developed – recommended topics

#	Topics	Duration (M)		Description	Resource materials
		Th.	Pr.		
9	Investigation of Outbreak	60	120	<b>Theory:</b> Steps of Investigation of an Outbreak with example of Outbreak of Acute Gastro-Enteritis <b>Practical:</b> Activity 5 of module 3 of CCH	Lesson Plan; PPT Checklist
10	BCC and soft skills	30		<b>Theory:</b> Basics of Communication, health belief model, behaviour change, and problem solving	Lesson Plan; PPT
11	IDSP	30		<b>Theory:</b> Integrated Disease surveillance Programme under Communicable disease	Lesson Plan; PPT
12	MCTS	30	90	<b>Theory:</b> ANMOL/RCH portal and its implications in improving MCH <b>Practical:</b> Hands-on experience on ANMOL tablet during visit to SC	Lesson Plan; PPT Checklist
13	Chikungunya	40		<b>Theory:</b> Disease characteristics, care and management	Lesson Plan; PPT
14	Organization of Labor room	30	120	<b>Theory:</b> Standardization of Labour Room at Delivery Points <b>Practical:</b> skill demonstration/orientation in skill lab or during Labor room visits	Lesson Plan; PPT Checklist

# Frame Work of LRP developed – recommended topics

#	Topics	Duration (M)		Description	Resource materials
		Th.	Pr.		
15	Safe childbirth checklist	30	120	<b>Theory:</b> concept and use of SCC <b>Practical:</b> skill demonstration/orientation in during Labor room visits	Lesson Plan; PPT Checklist
16	Postpartum visit by Health worker	60	120	<b>Theory:</b> Importance and operational aspects of home visits during post-partum period <b>Practical:</b> Post-partum visits as per SBA, HBNC/HBYC guidelines during internship	Lesson Plan; PPT Checklist
17	Family Planning 2020	30		<b>Theory:</b> India's vision and activities to achieve FP 2020 goals	Lesson Plan; PPT
18	National Family Planning programme	60	240	<b>Theory:</b> Newer family planning methods, unmet need, Basket of choice <b>Practical:</b> organising family planning clinics, Counselling using GATHER Approach and Interval IUCD & PPIUCD insertion	Lesson Plan; PPT Checklist
19	Food Born diseases	45		<b>Theory:</b> Food poisoning and food intoxication, Public health response to food borne diseases, Food safety, food storage, and handling. Eat right Campaign	Lesson Plan; PPT Checklist

# Frame Work of LRP developed – topics to be reviewed

#	Topics	Duration (M)		Description	Resource materials
		Th.	Pr.		
1	Health Planning and Healthcare delivery system in India (IPHS)	60	60	<p><b>Theory:</b> Concept of planning and management for health, Health Care delivery system in India as per IPHC norms</p> <p><b>Practical:</b> Facility assessment checklist for PHC and SC as per IPHS norms</p>	Lesson Plan; PPT & Job Aid Checklist
2	HMIS	60	60	<p><b>Theory: Concept,</b> data elements and flow, recording and reporting formats</p> <p><b>Practical:</b> Orientation on HMIS application during CHC/PHC and SC visit</p>	Lesson Plan; PPT & Job Aid, Checklist
3	Electronic Medical Record	60		<p><b>Theory:</b> Concept, benefits, disadvantages, roles of health care providers</p>	Lesson Plan; PPT
4	Micro birth Planning	60		<p><b>Theory:</b> Concept, steps involved and role of ANM/ASHA and</p>	Lesson Plan; PPT/Job Aid
5	Adolescent Counselling	60	60	<p><b>Theory:</b> Need and rationale for adolescent counselling, forums for counselling, suggested topics</p> <p><b>Practical:</b> Activity 36 of module 3 of CCH and visit to AFHC</p>	Lesson Plan; PPT/ Job Aid Checklist

# Frame Work of LRP developed – topics to be reviewed

#	Topics	Duration (M)		Description	Resource materials
		Th.	Pr.		
6	Sources of Vital Statistics	30	60	<b>Theory:</b> different sources and their importance in India, implications on health parameters <b>Practical:</b> community mapping, calculating vital statistics of the community	Lesson Plan; PPT/Job Aid Checklist
7	Financial management, Accounts & computing at SC	30	60	<b>Theory:</b> budgeting and financial provisions at Sub centre. Untied funds and its usage <b>Practical:</b> study of records & register during field visits to SC	Lesson Plan; PPT/ Job Aid
8	Mental health act and de-addicting programme	30	60	<b>Theory:</b> Mental Health Act, suicide prevention, de-addiction strategies and care/management at community level <b>Practical:</b> Wellness and health promotion activities at SC HWC	Lesson Plan; PPT/Job Aid Checklist
9	Time trend in disease occurrence in Epidemiology	30		<b>Theory:</b> concept and definitions, examples in local context	PPT
10	IYCF and	60	60	<b>Theory:</b> Appropriate infant and young child feeding practices, exclusive breast feeding and complementary feeding	Lesson Plan; PPT/Job Aid

# Frame Work of LRP developed – topics to be reviewed

#	Topics	Duration		Description	Resource materials
		Th.	Pr.		
11	National Nutrition Mission	30	60	<b>Theory:</b> purpose, strategy, components of Poshan Abhiyaan <b>Practical-</b> Activity 41 of module 3 of CCH (Promoting and Monitoring Growth and Development and Plotting Chart)	Lesson Plan; PPT/Job Aid Checklist
12	Use of Equipment		120	<b>Practical:</b> Activity 43 of module 3 of CCH (use of equipment) during visit to District hospital/CHC	Lesson Plan; PPT/Job Aid Checklist
13	Throat problem and febrile seizure in children	30	60	<b>Theory:</b> Causes, symptoms, care and management of throat problem and febrile seizure. <b>Practical:</b> Activity 17 of module 3 of CCH-Assessment of patients with Ear, Nose and Throat (ENT) problems	Lesson Plan; PPT/Job Aid Checklist
14	Transportation of baby and common accidents/ mishaps in labor room	60		<b>Theory:</b> Guiding principles for transporting sick babies and common mishaps in labor room and their management	Lesson Plan; PPT/Job Aid Checklist
15	Counselling- GATHER	30	60	<b>Theory:</b> The concept, components and application of counselling using GATHER approach based on Family Planning Guidelines	Lesson Plan; PPT/Job Aid

# Frame Work of LRP developed = topics to be reviewed

#	Topics	Duration		Description	Resource materials
		Th.	Pr.		
16	BMW and rules of 2016	60	60	<p><b>Theory:</b> Based on revised bio-medical waste management guidelines of 2016</p> <p><b>Practical:</b> Activity 11-Hand Washing skills and Activity 12-Bio-medical Waste Management</p>	Lesson Plan; PPT/Job Aid Checklist
17	Suturing of superficial wounds	60	60	<p><b>Theory:</b> Immediate wound care, Dressing of wound, Primary sutures and techniques of suturing skin</p> <p><b>Practical:</b> Activity 19 (BNSL 043)- Suturing of superficial Wounds</p>	Lesson Plan; PPT/Job Aid Checklist
18	Post-Partum IUCD (PPIUCD)	60	120	<p><b>Theory:</b> Introduction to PPIUCD- mechanism, benefits, side effects, return to fertility, complications, Medical eligibility criteria</p> <p><b>Practical:</b> Family Planning clinics in 4th year BSC(N) <b>Practical</b> sessions. Activity 34- Insertion and removal of IUDs</p>	Lesson Plan; PPT/Job Aid Checklist
19	National Health Programmes on Communicable & NCDs	60	120	<p><b>Theory:</b></p> <ul style="list-style-type: none"> <li>➤ Communicable diseases: updates in NVBDCP, NTEP (earlier RNTCP) and NLEP</li> <li>➤ Non-communicable diseases: NPCDCS, elderly care (NPHCE), palliative care (NPPC), blindness and visual impairment (NPCBVI), deafness (NPPCD), tobacco control (NTCP), oral health (NOHP), Trauma and Burn Injuries (NPPMBI), Mental Health (NMHP)</li> </ul> <p><b>Practical:</b> Visit to NCD screening camp and NCD clinics</p>	Lesson Plan; PPT/Job Aid Checklist

# Next steps

Advocacy for uptake of LRP at national level – DO letter from MoHFW/ INC to all the SNCs for quick and uniform integration of CCCH into B.Sc/ PBBSc nursing programs.

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NISHTHA/ Jhpiego will support the 12 intervention states for integration and quick implementation as demonstration models for other states



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आयुष्मान भारत

प्राथमिक स्वास्थ्य केन्द्र जानी बुर्द (मेरठ)



**THANK YOU**