



**Department of Social Work
University of Lucknow**

Master of Public Health (Community Medicine)

Regulations 2020

(Proposed to be implemented from July 2020)

**UGC-Centre for Advanced Studies in Social Work
Faculty of Arts
University of Lucknow
Lucknow, India
2020**

University of Lucknow
Master of Public Health (Community Medicine) Programme
Regulations 2020

1. Applicability

These regulations shall apply to the Master of Public Health (Community Medicine) programme from the session 2020-21.

2. Minimum Eligibility for admission

A three/four-year Bachelor's degree in any discipline (any graduate) or equivalent, awarded by a University or Institute established as per law and recognised as equivalent by this University, with minimum 45% marks for General category & Other Backward Castes (OBC) and relaxation of 5% in case of Schedule Caste/Schedule Tribe/Person with Disability (SC/ST/PWD) category, shall constitute the minimum requirement for admission to the Master of Public Health (Community Medicine) programme. Further, the eligibility criteria for admission would be as per university norms.

3. Programme Objectives

The Master of Public Health (Community Medicine) programme prepares the student to become a public health professional with an orientation on community medicine through classroom teaching and field work practicum, by providing an understanding of the public health concepts, epidemiology, demography, nutrition, health economics, planning and management, challenges and opportunity in health care delivery, health legislations, influences of globalization, urbanization, industrialization, community behavioural dynamics, global and national policies and a strong foundation in research methodology in the context of public health and community medicine and its application in the comprehensive health development of the community. The objectives of the programme are as following -

- i. To impart deeper knowledge and skills in public health and community medicine and provide professionals to apply the knowledge of public health in the holistic development of community
- ii. To stimulate and encourage integration of theory and practice in the fields of public health and to promote leadership qualities and effective communication skills for health advocacy among students.
- iii. To prepare students in programme organization and management, problem solving, critical thinking in terms of health risk-identification, disease control, prevention and health promotion at various levels.
- iv. Ability to do critical analysis of the existing public health programme, policies, challenges in the implementation and suggest remediation for effective functioning

- v. To prepare students to work in socially, culturally and economically diverse populations by being attentive to the needs of the vulnerable and disadvantaged groups and well versed with existing health systems.

4. Programme Outcomes

The learning outcomes of the programme would prepare the students to work in the field of public health including emergencies and to be exemplary health professionals who are able to integrate and apply the knowledge of public health and perform its core functions towards improving people's health and well-being. The outcome of the programme is to train public health professionals to prevent disease, promote health, and protect the well being of the public health through education, research and services.

5. Specific Programme Outcomes

After the successful completion of the programme, students will be able to-

- i. Exhibit their knowledge and skills in understanding of public health issues, health, ill-health, epidemiology, health research and statistics, health policy, planning and management, environmental health, social and behavioural sciences, mental health and be able to deal with the rapid changes
- ii. Apply research tools and analytical methods to critically analyse, monitor, evaluate and assess the health status of the population
- iii. Develop and demonstrate competencies as public health professionals in programme implementation, organization and management of institutions, problem solving, develop critical thinking in terms of disease control, prevention and health promotion at all levels of health care.
- iv. Understand the integration of theory and practice in the fields of public health and promote leadership qualities and effective communication skills for health advocacy policy influencing.
- v. Determine the impact of policies and legislations on public and private health care systems
- vi. Assess the community health needs through community diagnosis and construct public health interventions using health promotion methods.
- vii. Critically analyze and find out the feasible solutions existing in the social structure and to enquire about the social constraints which limit the scope of health interventions and better implementation of health care programmes and policies.
- viii. Work with the socially, culturally and economically diverse populations by being attentive to the needs of the vulnerable and disadvantaged groups in health care systems, thereby reaching undercoverage areas
- ix. To meet the ever increasing demand for well-trained public health professionals with advanced & appropriate competencies and knowledge to plan and implement innovative public health policies and programs from grass root level till policy level.

6.Course Structure

The course structure of the Master of Public Health (Community Medicine) programme shall be as under:

Course No.	Name of the Course	Credit	Remark
Semester I			
PH(CM)CC-101	Public Health and Community Medicine	04	Core Course
PH(CM)CC-102	Concept of Health and Disease	04	Core Course
PH(CM)CC-103	General Epidemiology and Epidemiological Methods	04	Core Course
PH(CM)CC-104	Environment, Water, Sanitation and Health	04	Core Course
PH(CM)CC-105	Field Work Practicum (Orientation, Observational visits of public health settings, Open Community Visits& Viva-voce)	04	Core Course
PH(CM)VC-101	Genetics and Health	04	Value added course (Credited)
Semester Total		24	
Semester II			
PH(CM)CC-201	Epidemiology of Specific Diseases and Medical Entomology	04	Core Course
PH(CM)CC-202	Nutrition and Public Health	04	Core Course
PH(CM)CC-203	Research Methodology, Biostatistics & Computer Application	04	Core Course
PH(CM)CC-204	Health Education, Communication and Information	04	Core Course
PH(CM)CC-205	Sociology and Community Health	04	Core Course
PH(CM)CC-206	Field Work Practicum (Orientation, Nutritional Assessment Study, Community Visits& Viva-voce)	04	Core Course
PH(CM)VNC-201	Application of Computer Skills in Health Settings	0	Value added course (Non Credited)
Semester Total		24	
Semester III			
PH(CM)CC-301	Health Planning, Administration and Management/MOOCs	04	Core Course/ MOOCs
PH(CM)CC-302	Field Work Practicum (Orientation, Assessment of	04	Core Course

	Community Health Problems and Public Health Interventions, Rural/Slum Camps, Viva-voce and Preparation of Synopsis)		
PH(CM)EL-301A	Demography, Family Welfare & Family Planning	04	Elective
PH(CM)EL-301 B	Ethical and Legal Issues in Public Health		
PH(CM)EL-302A	School, Urban and Occupational Health	04	Elective
PH(CM)EL-302B	Human Behaviour, Health, Happiness and Wellness		
PH(CM)IN-301	Public Health Internship	04	Summer Internship
PH(CM)IER-301	Human and Sustainable Development	04	Inter departmental Course
	Semester Total	24	
Semester IV			
PH(CM)CC-401	Field Work Practicum (Public Health Intervention, Awareness Drives, Rural/ Slum Camps& Viva-voce)	04	Core Course
PH(CM)EL-401A	Reproductive, Maternal Child Health and Adolescents	04	Elective
PH(CM)EL-401 B	Public Health Emergencies and Disaster Management		
PH(CM)EL-402A	Community Geriatrics, Mental Health, Substance abuse	04	Elective
PH(CM)EL-402B	Personality and Psycho Somatic Factors of Health		
PH(CM)MT-401	Master DissertationandViva-voce	08	Master Thesis
PH(CM)IRA-401	Medical And Psychiatric Social Work	04	Intra departmental Course
	Semester Total	24	
	GRAND TOTAL	96	

PH(CM) – Subject;PH(CM)CC – Core Course,
PH(CM)VC– Value added course (Credited);
PH(CM)VNC- Value added course (Non Credited);PH(CM)EL –Elective;
PH(CM)IER – Interdepartmental Course;PH(CM)IRA – Intradepartmental Course

7. Course Outlines-

Semester wise course outline is as following-

Semester – I

Title of Course	:	Public Health and Community Medicine
Course No.	:	PH(CM)CC-101
Course code		PMCH
Course Objectives	:	<ul style="list-style-type: none"> ○ To understand the concepts and development of public health and community medicine. ○ To understand the dimension of community medicine and public health and their application in the health care of the community.
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would have learned the concept of ancient medicine. ○ Students would have learned the concept and development of public health. ○ Students would have clear understanding of dimensions of medicine and health care.
Course Content		
Unit-1		Introduction to Medicine in Ancient Times
1.1		Medicine in Ancient Times
1.2		Community Health: Concept, definition, Brief history, tools of community health
1.3		Father of medicine and Dark Age of Medicine
Unit -2		Dimensions of Medicine
1.1		Community Medicine: Meaning, Definition, History, Goals and Objectives, Distinction between Clinical Medicine and Community Medicine
1.2		Social control of medicine, Population Medicine, Community Diagnosis
1.3		Preventive Medicine, Curative Medicine, Protective Medicine , Social Medicine
Unit -3		Introduction to Public Health
1.1		Public Health: Meaning, Concept, Definition, Objectives,
1.2		Changing concepts in public health
1.3		Current Status of public health in India
1.4		Challenges to public health
Unit-4		Process of Development of Public health
1.1		Revival of medicine
1.2		Rise of Public Health, Sanitary Awakening
1.3		Germ theory of disease, Preventive medicine ,Failure of medicine

Unit -5	Health Care of the community
1.1	Health Care : Concepts, Levels, and Salient Features of Health Committees of Global and National levels
1.2	Health for All, Millennium Development Goals, Sustainable
1.3	Development Goals, Concept of National Health Mission

References

- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- Carol Holtz, Global Health Care:Issues& Policies Jones and Bartlett Publisher, USA 2008.
- F. Douglas Scutchfield, C. William Keck, Principles of Public Health Practice.
- G.R. Krishnamurthy, A.K. Singh, S. K. Bajpai- Indian Health Scenario (Perspectives and Dimensions) Serial Publication.
- ImranaQadeer-Public Health in India (2011) Danish Books.
- J. S. Mathur- A Comprehensive Textbook of Community Medicine, CBS Publisher and Distributors 2008
- James F. Mckenzie, Robert R. Pinger, Jerome E. Kotecki, An Introduction to Community Health (Fifth edition) Jones and Bartlett Publisher, USA 2005.
- Mary Jane Schneider, Introduction to Public Health, Jones and Bartlett Publisher, USA 2004
- Oxford Textbook Of Public Health Fifth Edition, Volume 2- Methods Of Public Health, Roger Detel, R.Beaglehole, M.A. Lansung, Martin Gulliford, Oxforduniversity Press 2009
- Oxfordtextbook Of Public Health Fifth Edition (Volume 3-The Practice Of Public Health) , Roger Detel, R.Beaglehole, M.A. Lansung, Martin Gulliford, Oxforduniversity Press 2009
- The New Public Health , Second Edition, Theodore H. Tulchinsky, Elena A. Varavikova 2009 , Academic Press
- Oxford Textbook Of Public Health Fifth Edition, Volume 2- The Scope Of Public Health, Roger Detel, R.Beaglehole, M.A. Lansung, Martin Gulliford, Oxford University Press 2009

Title of Course	:	Concept of Health and Disease
Course No.	:	PH(CM)CC-102
Course Code	:	CHAD
Course Objectives	:	<ul style="list-style-type: none"> ○ To understand the history of medicine and holistic concept health and diseases. ○ To understand the various levels of prevention and intervention. ○ Students will comprehend concepts related to health promotions and disease prevention to enhance health. ○ Students will know and understand the most common health risks and importance of protecting themselves and surroundings from diseases.
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would get knowledge about the history of medicine and holistic concept health and diseases. ○ They would also develop understanding about various levels of prevention and intervention and it is important that you always protect yourself and surrounding from diseases.
Course Content		
Unit -1		Introduction to Health
1.1		Basic Concepts of health, Definition, Positive health, Spectrum of health
1.2		Dimensions of Health
1.3		Health and Development
Unit -2		Determinants and Indicators Health
1.1		Determinants of Health
1.2		Indicators of Health: Concept characteristics and types, Mortality Indicators, Morbidity indicators
1.3		Indices used in measurement of health Indicators
1.4		Difficulties in Measurement of Health Indicators
Unit -3		Introduction to the concept of Disease
1.1		Disease – Concept, classification, Spectrum of Disease
1.2		Factors responsible for Disease
1.3		Web of causation and natural History of disease
1.4		Control and Prevention of Diseases
Unit -4		Health Promotion And Prevention
1.1		Changing Pattern Of Disease
1.2		Global burden of disease
1.3		Concept of prevention , levels of prevention
1.4		Modes of intervention
Unit -5		Health System Reforms
1.1		Changing concepts of health in new millennium
1.2		Assessing health needs

1.3	Health as investment
1.4	Cashless health insurance

References

- SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- James F. Mckenzie, Robert R. Pinger, Jerome E. Kotecki, An Introduction to Community Health (Fifth edition) Jones and Bartlett Publisher, USA 2005.
- Carol Holtz, Global Health care:Issues& Policies Jones and Bartlett Publisher, USA 2008Surendra Singh, P.D. Mishra, Health and Disease:Dynamics and Dimensions, New Royal Book Company 2000Oxford Textbook Of Public Health Fifth Edition, Volume 2- Methods Of Public Health, Roger Detel, R.Beaglehole, M.A. Lansung, Martin Gulliford, Oxforduniversity Press 2009
- Oxfordtextbook Of Public Health Fifth Edition (Volume 3-The Practice Of Public Health) , Roger Detel, R.Beaglehole, M.A. Lansung, Martin Gulliford, Oxforduniversity Press 2009
- The New Public Health , Second Edition, Theodore H. Tulchinsky, Elena A. Varavikova 2009 , Academic Press
- Oxford Textbook Of Public Health Fifth Edition, Volume 2- The Scope Of Public Health, Roger Detel, R.Beaglehole, M.A. Lansung, Martin Gulliford, Oxford University Press 2009
- Mary Jane Schneider, Introduction to Public Health, Jones and Bartlett Publisher, USA 2004

Title of Course	:	General Epidemiology and Epidemiological Methods
Course no.	:	PH(CM)CC 103
Course Code	:	GEEM
Course Objectives	:	<ul style="list-style-type: none"> • To understand about the concept, methods and measurement tools of epidemiology and its various methods. • To develop and implement a research or public health practice project by applying principles of program evaluation. • Students will gain knowledge about measuring and interpreting patterns of disease.
Course Outcomes	:	<p>Students would be able to understand the concept, tools and methods of epidemiology.</p> <p>They would also get knowledge about disease and immunization</p>
Course Content		
Unit-1		Introduction to Epidemiology
1.1		Epidemiological –Concept, Definition, Components, Difference
1.2		between Epidemiology and clinical medicine, Principles and Approaches of epidemiology,
1.3		Tools of measurement in epidemiology, Sources of Epidemiological Data
Unit 2		Introduction to methods of epidemiology
1.1		Descriptive method of Epidemiology
1.2		Retrospective and Prospective Studies
1.3		Analytical method of Epidemiology
1.4		Experimental method of Epidemiology
Unit 3		Methods of Measurements in epidemiology
1.1		Association and Causation
1.2		Measurements of Morbidity
1.3		Measurements of Mortality
1.4		Uses of Epidemiology
Unit 4		Screening, Control and prevention of Diseases
1.1		Screening: Concept, Uses And Criteria For Screening
1.2		Modes Of Disease Transmission And Disease Control
1.3		Infectious Disease Epidemiology
1.4		Disease Control
Unit-5		Immunization and Disinfection
1.1		Concept and definition of immunization, Universal Immunization Programme,
1.2		National & Sub- national Immunization schedule , Vaccination- concept and definition
1.3		Host defense and disinfection, concept and types of immunoglobulins

References

- Carol Holtz, Global Health care: Issues & Policies Jones and Bartlett Publisher, USA 2008.
- James F. Mckenzie, Robert R. Pinger, Jerome E. Kotecki, An Introduction to Community Health (Fifth edition) Jones and Bartlett Publisher, USA 2005.
- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- Mary Jane Schneider, Introduction to Public Health, Jones and Bartlett Publisher, USA 2004
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- Surendra Singh, P.D. Mishra, Health and Disease: Dynamics and Dimensions, New Royal Book Company 2000
- Thomas C. Timmreck, An Introduction to Epidemiology (third edition), Jones and Bartlett Publisher, USA 2002.

Title of Course	:	Environment, Water, Sanitation and Health
Course no.	:	PH(CM)CC 104
Course Code	:	EWSH
Course Objectives	:	<ul style="list-style-type: none"> ○ Understanding the concept of environment and importance of sanitation. ○ Developing knowledge about the basic laws relating to environment. ○ Familiarizing the students about importance of hygiene. ○ To study the acts related to forest, environment water and air. ○ To study about sanitation and solid waste management.
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would be able to understand the concept of environment and sanitation and their effect of health. ○ The students would be able to practice healthy habits and spread awareness regarding it. ○ The students are more aware about the laws relating to environment and sanitation.
Course Content		
Unit-1		Introduction to Environment
1.1		Environment: Concept and Meaning, Types and Importance
1.2		Environmental Management – Scenario, Problems and Perspectives
1.3		Emerging Concerns and Challenges: Global warming, water scarcity, acid rain etc.
1.4		Programme related to protection of environment, Environmental Protection Act
Unit -2		Water, Sanitation and Hygiene (WASH)
1.1		Sanitation: Concept and Meaning and Scope, Solid Waste
1.2		Management-Disposal of Wastes in Urban and Rural Areas, Disposal of Excreta
1.3		City Sanitation Plan, ODF and ODF Plus
1.4		Water Management-Water, safe – wholesome Water, Water Conservation, Methods of Purification of Water, Water Borne Diseases: Cause, type and prevention
Unit-3		Pollution and Health
1.1		Pollution Indicators and Prevention-Air, Water, Noise
1.2		Radiations – Hazards and Prevention
1.3		Meteorology – Effect on Health
1.4		Housing Standards
Unit -4		Programs and laws related to Environmental Conservation
1.1		Programme related to Forest conservation, Forest Conservation Act
1.2		Water Prevention and Control of Pollution Act, Programme related to water conservation

1.3	Air (Prevention – Control of Pollution) Act, Programme related to prevention of Air Pollution
Unit -5	Climate Threats and Environment Conservation
1.1	Environmental Movements in India
1.2	Climate threats and its effect on health
1.3	Relevant National Programs related to environment protection and sanitation

References

- SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- Chiras- Environmental Sciences (Eight edition) Jones and Bartlett Publisher, Carol Holtz, Global Health Care: Issues& Policies Jones and Bartlett Publisher, USA 2008.
- Surendra Singh, P.D. Mishra, Health and Disease: Dynamics and Dimensions, New Royal Book Company 2000
- Mary Jane Schneider, Introduction to Public Health, Jones and Bartlett Publisher, USA 2004
- Etienne Dubois, Environment and health Effects, Apple Academic Press 2010
- Cordelia Strange, Water Pollution &Health , Alpha House Publishing, new York.

Title of Course	:	Field Work Practicum
Course no.	:	PH(CM)CC 105
Course Code	:	FWP
Course Objectives	:	<ul style="list-style-type: none"> ○ To learn the application of theory in public health settings ○ To get an understanding of the existing public health services and challenges
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would have learned the application of theory in public health settings and also analyze the status of existing public health services and challenges in the society.
Course content		
Unit-1		Introduction to field work in public health
1.1		Field work practicum: Concept, Objectives, components, significance, challenges
1.2		Orientation Workshops, Rapport building
1.3		Overview of public health professions & institutions having excellence at global, national and state level
Unit 2		Developing documentation skills
1.1		Report writing : meaning, steps, importance, Content of report writing
1.2		Field work conferencing (Individual and Group conferencing)
Unit-3		Observational visits of rural public health settings
1.1		Rural – i) Government ii) Non- Government agencies
1.2		Urban- i) Government ii) Private iii) Others
Unit-4		Understanding about other health systems
1.1		Visit to understand other systems of Health e.g. Railway, Military
1.2		Visit to Sewage Treatment Plant, Visit to Water Purification Plant,
1.3		Visit to Biomedical Waste Treatment Plant
Unit 5		Presentation of the Field Work
1.1		Preparation and presentation of field work practicum through field work diary and power-point presentations
<p><i>Note- Field work practicum will be evaluated on the basis of the submitted field work diary, presentation and viva-voce based on the field work and theory papers of the current semester.</i></p>		

References

- Kathryn H. Jacobsen (2012), Introduction to Health Research methods: A practical Guide, Jones & Bartlett learning
- Carol Gestwicki (2007), Home school and community relations Thomson and Delmar learning
- David Silverman (2004) qualitative research, Sage south asia edition, Sage publications India

- Douglas Scutchfield & William Keck (2007), principals of Public Health Practice Delmar publishers
- CIDT. (2001). Participation, Learning and Action. Walsall: University of Wolverhampton
- Garrett, Annett (1972) Interviewing – Its Principles and Methods, Family Service Association of America, New York
- Delhi School Of Social Work ed. (1957) Field Work Supervision – Report of Seminar, New Delhi : Delhi School of Social Work
- Kumar, S. (2002).Methods for Community Participation: A Complete Guide for Practitioners.London: ITDG Publishing.
- Narayana Rao, S. (2002). Counselling and Guidance. Tata McGraw-Hill Publishing Company

Value Added Course (Credited)

Title of Course	:	Genetics and Health
Course no.	:	PH(CM) VC 101
Course Code	:	GAH
Course Objectives	:	<ul style="list-style-type: none"> ○ To understand the basic concept of genetics and its relation with health. ○ To get knowledge about the genetic disorders and developments in the field of genetics.
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would understand the basic concept of genetics and its relation with health. ○ Students would get knowledge about the genetic disorders and developments in the field of genetics.
Course Content		
Unit-1		Introduction to Genetics
1.1		History of Genetics
1.2		Basic Concepts of Genetics (Definition): DNA, Chromosomes, Genes, Genome
1.3		Cell Division :Basic Concept and significance
Unit -2		Concept and process of Heredity
1.1		Functions of genetic material (Basic concept of Transcription, Translation, Central Dogma, Genetic Code and Wablle's Hypothesis)
1.2		Sex Linkage, Crossing over
1.3		Mendelian Genetics (Mendel's Law, Punnet Square, Back cross, test cross, Incomplete dominance and complete dominance)
1.4		Sex determination
Unit 3		Genetic Diseases & Disorders
1.1		Genetic Diseases & Disorders (single gene disorder, multifactorial disorders and chromosomal disorders)
1.2		Genetic Testing- Basic concepts of prenatal diagnosis,
1.3		Eethical issues of prenatal testing
Unit 4		Genetic Counselling and other related problems
1.1		Genetic Counselling
1.2		Ethical legal & social issues related to genetics
1.3		Gene Therapy, eugenics euthenics
Unit -5		Genetics and Human Development
1.1		Human Genome Project
1.2		Basic Concept Of Cloning, Ecological and Environmental Genetics
1.3		Genetics and Food Production, Genetically Modified Foods

References

- PragmaKhanna, Essentials of Genetics

Verma&Agarwal, Genetics

- Monroe W. Strickberger, Genetics (third edition) Pearson Education, 2008
- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- Kenen, Stephaine- Medicine, Degeration and Eugenics (2002)
- Sengoopta, Chandak-Darwin, Darwinism and the Modern World (2004)
- Ravi Shankar- human Genetics Modern approach , cyber Tech publication 2012.

Semester – II

Title of Course	:	Epidemiology of Specific Diseases and Medical Entomology
Course no.	:	PH(CM) CC 301
Course Code	:	ESDME
Course Objectives	:	<ul style="list-style-type: none"> ○ To study about disease from public health perspective rather than medical science perspective. ○ To strengthening capacity of medical entomology and vector control is of global public health importance. ○ Knowledge about relevant National Programs running in the sector. ○ To study about epidemiology of various diseases.
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would have learnt about epidemiology of Communicable Diseases and non- Communicable Diseases ○ Students would have learnt about medical entomology and insecticides ○ Students would have learnt about relevant national programs for disease control and prevention.
Course Content		
Unit-1		Epidemiology of Communicable diseases
1.1		Epidemiology of Communicable Diseases : Measles, Chicken pox, Diphtheria, Tetanus, Pertusis, Plague
1.2		Acute Respiratory Infections, Tuberculosis, Rabies
1.3		Epidemiology of Water borne diseases
1.4		Epidemiology of HIV/ AIDS, RTI/STI
Unit-2		Epidemiology of Non Communicable Diseases(NCD)
1.1		Epidemiology of Non Communicable Diseases –cause, current status, prevention of NCDs
1.2		Hypertension, Coronary and Heart Disease
1.3		Cancer, Blindness, Road Traffic Accidents, Diabetes
1.4		Road traffic accidents
Unit-3		Medical Entomology & Insecticides
1.1		Medical Entomology: concept, Arthropod Borne Diseases, Arthropod Control
1.2		Insecticides- Classification, Modes of action, Application and Toxicity
Unit-4		Relevant National Health Programs Related to Communicable Diseases
1.1		Polio Eradication program, Revised National Tuberculosis Control Programme, Routine Immunization etc.
1.2		Vector Borne Disease Control Program, Diarrhea Management programme

1.3	Sexually Transmitted Disease& HIV/AIDS Control Program
Unit-5	Relevant National Health Programs related to Non-communicable disease
1.1	National Disease Control Programme, National Blindness Control Programme,National Oral Health Programme, National Cancer Control Programme, National programme for health care of elderly
1.2	Programs to address nutritional deficiencies of mother and child

References

- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- Ray M. Merrill, Introduction to Epidemiology, Jones & Bartlett 2010 (V edition)

Title of Course	:	Nutrition and Public Health
Course no.	:	PH(CM)CC 202
Course Code	:	NAPH
Course Objectives	:	<ul style="list-style-type: none"> ○ Understanding basic concepts of nutrition and its relation to health in community. ○ To study the assessment of nutritional status and various programmes related to enhancement of nutritional status. ○ To get introductory knowledge about processing of food, food contamination and food adulteration and its prevention.
Course Outcomes	:	<ul style="list-style-type: none"> ○ Student would have learnt basic concepts of nutrition and its relation to health in community. ○ Student would understand about assessment of nutritional status and various programmes related to enhancement of nutritional status. ○ Student would have learnt about the concept of processing of food, food contamination and food adulteration and its prevention.
Course Content		
Unit 1		Introduction to the Clinical Nutrition
1.1		Basic Concepts of Nutrition, Digestion, Absorption and utilization of Nutrients
1.2		Nutrients- Classification, Sources, Functions, Recommended
1.3		Dietary Allowances (RDA), BMR
1.4		Balance Diet : Meaning, components and importance, Food Pyramid
Unit 2		Nutritional Status and Nutritional Disorders
1.1		Assessment of nutritional status
1.2		Nutritional disorders,
1.3		Nutritional Deficiency diseases and disorders
1.4		Maternal & Neonatal Malnutrition
Unit 3		Diet Planning And Management
1.1		Food guide for selecting an adequate diet-basic concepts of five food groups
1.2		Diet planning for various age groups
1.3		Diet therapy-nutrition and various diseases
Unit 4		Nutritional Programme and Agencies
1.1		Nutritional Deficiency Control Programmes
1.2		Supplementary Feeding Program
1.3		Community Nutrition and Nutrition Rehabilitation Centres (NRC),
1.4		Role of international and national agencies in combating malnutrition

Unit 5	Food Processing, Food Fortification and Food Adulteration
1.1	Food Selection & Food Storage, Food preparation and its effects on nutrition
1.2	Food Preservation, Food Fortification, Food Adulteration and
1.3	Prevention of Food Adulteration Act
1.4	Food Borne Diseases and Contamination of food,

References

- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- B. Srilaxmi, Nutrition Science
- Mukesh Mittal-Diet Nutrition and Health, Aadi publication 2011
- Gordon Edlin, Eric Golanty, Health And Wellness, Jones and Bartlett Publishers, 8th Edition, 2004
- Mudambi& Raja Gopal, Fundamentals of food, nutrition and diet therapy
- Jane B Mrgan, John W. T. Dickson , Nutrition in early Life, Jon Wiley 2003
- Camden Flath, Nutrition and Science, Alpha House Publishing, New York 2009
- Zachary Chastian, Nutrition & Society, Alpha House Publishing, New York

Title of Course	:	Research Methodology, Bio-Statistics & Computer Application
Course no	:	PH (CM) CC 203
Course Code	:	RMBCA
Course Objectives	:	<ul style="list-style-type: none"> ○ To understand basic concepts and methods of research. ○ To learn about bio statistics and use of statistical method in public health research. ○ To study the application of computer knowledge and internet in research.
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would be able to understand basic concept and method of research and biostatistics. ○ They would also get aware about application of computer and internet in public health research.
Course Content		
Unit 1		Introduction to Research Methodology
1.1		Basics of Research: Concepts, Objectives, Limitations
1.2		Methods of Research: Qualitative and Quantitative
1.3		Research Design: concept, Types
1.4		Ethical Issues in Health Research
Unit 2		Hypothesis, Sampling and data collection
1.1		Hypothesis: concept, types and significance, Null Hypothesis
1.2		Sampling: concept, types and significance
1.3		Tools and methods of data collection
Unit 3		Biostatistics and measurement of data
1.1		Biostatistics: Definition, scope and uses, Sources and Uses of Statistics
1.2		Descriptive statistics- Mean median Mode, percentile, Proportion
1.3		Analytical statistics- Correlation and Regression, Chi-Square
1.4		Measures of Dispersion: Range, Mean Deviation and Standard Deviation
		Correlation and Regression, Chi- Square Test, Analysis of variance (ANOVA)
Unit 4		Health Information and Operations Research
1.1		Health information- definition, sources, uses, Operation research- definition concept, scope and uses,
1.2		Critical Path Method (CPM), Program Evaluation And Review
1.3		Technique (PERT)
1.4		Distinction between data and information,
Unit 5		Computer Application and Research
1.1		MS-Office's-Word, MS- Excel & Power Point
1.2		Introduction to Data Base Management System
1.3		Spreadsheet: Introduction to Spreadsheet -Application –Data Entry

References

- Health Research Methods – A Guide for Training in Research Methods, World Health Organization, Manila, 2001
- Research Methodology by A.P.Kulkarni Power Publication, Calcutta
- Research Methodology, 2nd Edt. By Kothari C.R. 2004, New Age International Pub.
- Introduction To Epidemiologic Research Methods In Public Health Practice by Susan Bailey, Deepa Handu Published by Jones and Bartlett Publishers, 1st edition, 2012
- Research Methods And Statistics (India Edition) Sherri L Jackson , Rawat Publication , New Delhi (Cengage Learning) 2009
- Introduction To Health Research Methods –A Practical Guide , Kathryn H Jacobsen, Jones And Bartlett Learning 2012
- The Practice Of Social Research , Earl Babbie 13th Edition, Rawat Publications, New Delhi 2014
- David Silverman, Qualitative Research, 3rd Edition, Sage Publications India Pvt, Ltd. 2004
- Tim May, Social research-Issues Methods and Process, Routledge 2009
- Earl Babbie- The Practice of Social Research, Routledge (13th edition) 2014
- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- Manoj Sharma , R. LingyakPetosa, Measurement and Evaluation for Health Educators, Jones Bartlett Learning 2014
- Coroxtn and Cowden Applied General Statistics
- Mueller and Schuessler-Statistical Reasoning in Sociology

Title of Course	:	Health Education, Communication and Information
Course no.	:	PH (CM) CC 204
Course Code	:	HECI
Course Objectives	:	<ul style="list-style-type: none"> ○ To understand concept and importance of health education, communication and Health information system. ○ Students will analyze the influence of various socio-cultural and technological factors on health behaviours. ○ It aims to make students more aware about the importance of communication in teaching and constantly imparting their knowledge or transmitting information in health promotion.
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would understand about the concept and importance of health education, communication and Health information system. ○ Students would be able to analyze the influence of various socio-cultural and technological factors on health behaviours. ○ Students would also learn the importance and application of communication skills in public health settings.
Course Content		
Unit 1		Introduction to Health Education
1.1		Health Education: Concept, and objectives, Approaches to Health Education,
1.2		Content of Health Education, principles of health education
Unit 2		Planning in health education
1.1		Models of health education, practices of health education, Code of ethics for health education profession, barriers in health education
1.2		Basic vocabulary in health education: Awareness, information, knowledge, skills, health literacy, beliefs, attitudes,
1.3		Community mobilization, community empowerment & development etc.
Unit 3		Health communication and behaviour change communication
1.1		Communication – Meaning, Concept, process, channels and types barrier,
1.2		IEC-Importance and role of IEC, development of IEC material,
1.3		Behaviour Change Communication (BCC)
Unit 4		Health information system
1.1		Concept of Health information system (HIS),
1.2		components of HIS, Source of HIS, Global and Indian Health information System
1.3		Relevant programmes of Health information system, HMIS
Unit 5		Gateway to effective health promotion and wellbeing
1.1		Health communication strategies

1.2	Barriers of effective health communication
1.3	Health education in preschool child education and adult education
1.4	e-Health, m-Health, e-VIN (Electronic Vaccine Intelligence Network)

References

- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- Marc Berg, Health Information Management, Routledge
- SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- Glen G. Gilbert, Robin G. Sawyer, Elisa Beth McNeil, health Education-Creating Strategies for School and Community Health, Jones & Bartlett Learnings 4th edition 2015
- Oxford's Textbook of Public health , Fifth edition, Vol. 1,2,3
- David Seedhouse: Health Promotion- Philosophy, Prejudice and Practice, John wiley& Sons Ltd. 2006
- Manoj Sharma , R. LingyakPetosa, Measurement and Evaluation for Health Educators, Jones Bartlett Learning 2014

Title of Course	:	Sociology and Community Health
Course no.	:	PH (CM) CC 205
Course Code	:	SACH
Course Objectives		<ul style="list-style-type: none"> ○ To understand the concept of sociology and its impact on health. ○ To develop an understanding about Social institutions in relation to health and diseases. ○ Developing insight in students how community health is incomplete without knowledge of society.
Course Outcomes		<ul style="list-style-type: none"> ○ The students would understand concepts of sociology and its relation to health. Students could now practice their knowledge about society culture in their filed work or community.
Course Content		
Unit 1		Health and society
1.1		Sociology: Concepts, Meaning, Scope and relating concepts
1.2		Concept in Sociology relating to Health
1.3		Gender issues in health
Unit 2		Community and Social Institutions
1.1		Community: Meaning, Concept, characteristics and Importance,
1.2		Social Institutions – Family, Religion, Caste, Groups, Marriage
Unit 3		Social Sciences and Health
1.1		Medical Anthropology, Health psychology: Concept and definition
1.2		Theories of health behaviour
1.3		Health geography: geographical concepts related to health,
1.4		approaches to health geography
Unit 4		Factors Affecting Health and Disease
1.1		Factors affecting Community Health, Disease and Health services
1.2		Identification of cultural Factors in relation to Health and Diseases Community Treatment
1.3		KAP (Knowledge, Attitude and Practice) studies
1.4		Behaviour Change Communication (BCC)
Unit 5		Urbanization & Industrialization
1.1		Urban Health: Importance, Problem of Urbanization, Factors influencing urban health
1.2		Industrialization: concept, causes, historical process, merits and demerits of industrialization, Problems due to Industrialization,
1.3		Relevant programmes related to prevention of Urbanization and Industrialization
1.4		Organization of health services in urban areas, schemes related to urban health-NUHM, AMRUT, Challenges in delivering health care services in urban areas

References

- Sociology: Themes And Perspectives (7th Edition) Haralambor & Halborn, Collins, 2008
- Sandrogalea and davidVlahov, Handbook Of Urban Health-Population, methods and practice, Springer 2005
- David Silverman, Qualitative Research, 3rd Edition, Sage Publications India Pvt, Ltd. 2004
- Monroe W. Strickberger, Geneetics (third edicition)Pearson Education, 2008
- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- Kenen, Stephaine- Medicine, Degeration and Eugenics (2002)
- Sengoopta, Chandak-Darwin, Darwinism and the Modern World (2004)
- Ravi Shankar- human Genetics Modern approach , cyber Tech publication 2012

Title of Course	:	Field Work Practicum
COURSE NO.	:	PH(CM)CC 206
Course Code	:	FWP
Course Objectives	:	<ul style="list-style-type: none"> ○ To learn the application of theory in public health settings ○ To learn and analyze nutritional assessment of population of community ○ To get an understanding of the existing public health services and challenges
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would have learnt the application of theory in public health settings and community. ○ Students would have learnt to analyze nutritional assessment of persons living in community. ○ They would be able to identify the health problems in the community along with resource mobilization and community participation to reduce the existing challenges in health care delivery.
Course content		
Unit -1 1.1 1.2		Introduction to community Community: concept, meaning, definition, characteristics Assessment of community health needs: meaning, steps, and importance
Unit-2 1.1 1.2		Developing communication skills Basic communication skills Counseling and guidance Group discussion, role play
Unit -3 1.1 1.2 1.3		Preparation of community profile Community diagnosis Mapping of Resources Mobilization of resources
Unit -4 1.1		Assessment of Nutritional Status Nutritional assessment of persons living in slum areas/villages analyze the results and writing the reports
Unit -5 1.1 1.2		Identification of major health problems Identification of major health problems prevailing in the community, Conduct awareness drives, counseling and guidance to reduce the problem
<i>Note- Field work practicum will be evaluated on the basis of the field work diary, presentation and viva-voce based on the field work and theory papers of the current semester.</i>		

References

- Kathryn H. Jacobsen (2012), Introduction to Health Research methods: A practical Guide, Jones & Bartlett learning
- Carol Gestwicki (2007), Home School and Community Relations Thomson and Delmar learning
- David Silverman (2004) Qualitative Research, Sage South Asia Edition, Sage Publications India
- Douglas Scutchfield & William Keck (2007), Principles of Public Health Practice Delmar Publishers
- CIDT. (2001). Participation, Learning and Action. Walsall: University of Wolverhampton
- Garrett, Annett (1972) Interviewing – Its Principles and Methods, Family Service Association of America, New York
- Delhi School of Social Work ed. (1957) Field Work Supervision – Report of Seminar, New Delhi : Delhi School of Social Work
- Kumar, S. (2002). Methods for Community Participation: A Complete Guide for Practitioners. London: ITDG Publishing.
- Narayana Rao, S. (2002). Counselling and Guidance. Tata McGraw-Hill Publishing Company

ValueAdded Course (Non Credited)

Title of Course	:	Application of Computer Skills in Public Health
Course no.	:	PH (CM)VNC 201
Course Code	:	ACSPH
Course Objectives	:	<ul style="list-style-type: none"> ○ To understand basic concepts of computer skills ○ To study the application of computer knowledge and internet in the field of publichealth ○ Learn to prepare powerpoint presentations, audio-visual aid etc.
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would be trained in application of computer skills in public health ○ They would also get aware about various apps and digital platforms used in public health.
Course Content		
Unit 1		Introduction to Basics Computer skills
1.1		MS-Office’s-Word, MS- Excel & Power Point
1.2		Introduction to Data Base Management System
Unit 2		Use of Statistical analysis
1.1		Spreadsheet: Introduction to Spreadsheet -Application –Data Entry
1.2		SPSS basics, Strata, Epi-info
Unit 3		Digital Health
1.1		e-Resources and health
1.2		e-Resources, e- Services, e-health, m-health
Unit 4		Application of social media platforms as a awareness tool
1.1		Preparing Video clips & e-posters,
1.2		Making documentary
1.3		Blog writing
Unit 5		Presentation of report/ research
1.1		Preparing PowerPoint presentations for workshops, seminar and conference
1.2		

References

- Nick Black & Reinhold Gruen, Understanding Health Services, Open University Press, Macgraw-Hill Education 2005
- Elio Spinello, Computer Technology For Health Professionals: A Guide To Effective Use And Best Practices, 2015
- Carlo V Caballero Uribe, A Education In Digital Health,2018
- Marc Berg- Health Information Management, Routledge

- Malina Jordanova, Leonid Androuchko, Isao Nakajima, eHealth: A Step towards the Universal Health Coverage in Developing Countries (2017), ISBN 978-85-7862-711-9
- Javier Carnicero, e-Health handbook for manager of health care services and system (2012) United Nations Publication ISBN: 978-84-695-4145-6
- The Ultimate Guide To Blogging available on ontentmarketinginstitute.com/wp-content/uploads/2012/04/CMI_Ultimate-Blogging-final.pdf
- e-health India available on https://www.nhp.gov.in/e-health-india_mty
- Creative Blogging: Your First Steps to a Successful Blog, 2015, ISBN-13 (electronic): 978-1-4302-3429-6

Semester – III

Title of Course	:	Health Planning, Administration & Management/MOOCs
Course NO.	:	PH(CM) CC 301
Course Code	:	HPAM
Course Objectives	:	<ul style="list-style-type: none"> ○ To get understanding of planning and management in relation to public health sector. ○ Get familiar about the structure of health care services in India ○ Develop understanding about health economic important in application of health care services
Course Outcomes	:	<ul style="list-style-type: none"> ○ Student would have understood the concept and application of planning and management in relation to public health sector. ○ Students would also develop understanding about health economic important in application of health care services
Course Content		
Unit-1		Introduction to Planning and Management
1.1		Planning – concept, Definition, steps in planning, Health Planning, Planning Cycle
1.2		Management – Definition, Principles, skills and Methods
1.3		Constitutional Provisions for Health in India
1.4		Health’s Committees for health planning in india
Unit-2		Introduction to Public Health care system
1.1		Primary Health Care: Concept, components, elements and Levels
1.2		Health care system in India (centre, state and district level)
1.3		National health Policies: key indicators and achievements
Unit-3		Public Health Administration
1.1		Public Health Administration: Meaning, Structure, Delivery of Health Care services,
1.2		Organization’s Functions, Staff pattern (Health Sub-centers, PHC & CHC) and Job Descriptions of Various Health personnel
Unit-4		Health Economics and Health Care Services
1.1		Health Economics: concept, scope, application of health economics
1.2		Methods in Health economics
1.3		Concept of demand and supply of health care services
1.4		Vicious cycle of poverty and health
Unit-5		Health Financing and insurance
1.1		Health Financing: Need, Definitions, objectives, functions
1.2		Health Insurance: concept, need, advantages,
1.3		Challenges in Delivery of Health Care services

References

- A. Ashokan, Perspectives of Health Economics, Serial Publications , New Delhi
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- P. K. Majumdar : India's demography, Rawat Publication 2013
- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi

- Nick Black & Reinhold Gruen, Understanding Health Services, Open University Press, Macgraw-Hill Education 2005
- Marc Berg- Health Information Management, Routledge
- David Haber-Health Promotion and Ageing, Springer Publishing Company 2007
- Christine Stephens-Health Promotion, A Psychological Approach, McGraw Hills 2008

Title of Course	:	Field Work Practicum
Course NO.	:	PH(CM) CC 301
Course Code		FWP
Course Objectives		<ul style="list-style-type: none"> ○ To learn the application of theory in public health settings ○ To get an understanding of the existing public health services and challenges
Course Outcomes		<ul style="list-style-type: none"> ○ Students would have learned the application of theory in public health settings and also analyze the status of existing public health services and challenges in the society.
Course Content		
Unit- 1		Orientation workshops Community need assessment Identification of health problems of community Identification and mobilization of recourses in community
Unit -2		Organising Public health interventions in Community/Rural Areas/Slums (Health Camps, Community Awareness Programmes, Focus groups etc.)
Unit -3		Rural /Urban Camps/Field Exposure Visits, Health awareness activities in schools, slums and villages
Unit -4		Intervention activities to create health awareness Writing of Health Messages Handling of Communication Aids Developing Communication Campaigns – PLA, FGD, Counselling
Unit -5		Report writing , documentation of above performed activities
<i>Note- Field work practicum will be evaluated on the basis of the field work diary, presentation and viva-voce based on the field work and theory papers of the current semester.</i>		

References

- Kathryn H. Jacobsen (2012), Introduction to Health Research methods: A practical Guide, Jones & Bartlett learning
- Carol Gestwicki (2007), Home School and Community Relations Thomson and Delmar learning
- David Silverman (2004) Qualitative Research, Sage South Asia Edition, Sage Publications India
- Douglas Scutchfield & William Keck (2007), Principles of Public Health Practice Delmar Publishers

- CIDT. (2001). Participation, Learning and Action. Walsall: University of Wolverhampton
- Garrett, Annett (1972) Interviewing – Its Principles and Methods, Family Service Association of America, New York
- Delhi School Of Social Work ed. (1957) Field Work Supervision – Report of Seminar, New Delhi : Delhi School of Social Work
- Kumar, S. (2002).Methods for Community Participation: A Complete Guide for Practitioners.London: ITDG Publishing.
- Narayana Rao, S. (2002). Counselling and Guidance. Tata McGraw-Hill Publishing Company

Elective Courses (select any one)

Title of Course	:	Demography, Family Welfare and Family Planning
Course No.	:	PH(CM) EL 301 A
Course Code		DFWFP
Course Objectives		<ul style="list-style-type: none"> ○ to get Knowledge about the global and national demographic trends ○ To understand the need of Family welfare programmes
Course Outcomes		<ul style="list-style-type: none"> ○ Students would understand about demography and demographic trends. ○ Students would have awareness about family welfare programs and family planning.
Course Content		
Unit-1		Demography & Demographic Trends
1.1		Demography – Definition, Cycle, Indices, and Composition,
1.2		Theories related to demography
1.3		Basics of Population Trends in World and India (Past till current status)
1.4		Sources of demographic data
Unit-2		Introduction to Population Policies
1.1		Population indicators and its composition
1.2		Population Policies in India– Concept, Evaluation
1.3		Policies related to MTP and Sex -Determination/Act
1.4		Current National Population Policy
Unit-3		Introduction to Family Planning
1.1		Family planning –definition, scope and health aspects of family planning
1.2		Contraceptives-adverse and beneficial effects
1.3		Abortion and legalized abortion
Unit-4		Family planning Methods and Public Health
1.1		Family Planning Methods: Concept, Need, Importance and Classification
1.2		Law and Family Planning in India, MTP act
Unit-5		Family Welfare Programmes
1.1		Family Welfare Programmes in India
1.2		Family Welfare Linked Health Insurance Scheme, Mission ParivarVikas
1.3		Population Education Evaluation of Family Planning

References

- P. K. Majumdar : India’s demography, Rawat Publication 2013

- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- Oxford Textbook Of Public Health Fifth Edition, Volume 2- The Scope Of Public Health, Roger Detel, R.Beaglehole, M.A. Lansung, Martin Gulliford, Oxford University Press 2009

Title of Course	:	Ethical and Legal Issues in Public Health
Course NO.	:	PH(CM) EL 301 B
Course Code	:	ELIPC
Course Objectives		<ul style="list-style-type: none"> ○ Introductory knowledge to legal ethical aspects of health care useful in practical application in the field. ○ Understanding the importance of healthcare laws, medical practices medical tourism and telemedicine.
Course Outcomes		<ul style="list-style-type: none"> ○ The students would have understood the concepts of ethics and legal issues in health care and they would be able to practice their knowledge about health care laws and ethics.
Course Content		
Unit 1		Understanding Medical Ethics
1.1		Basics of Ethics
1.2		Code of conduct
1.3		Hippocratic oath and declaration of Geneva (MCI Regulation),
1.4		Ethics of trust vs ethics of rights, health as human right
Unit 2		Laws related to Health Care
1.1		Confidentiality and professional secrecy
1.2		Autonomy and informed consent
1.3		Equity and social justice, euthanasia
1.4		Epidemic acts
Unit 3		Other Laws related to health care
1.1		Laws of Tort, Medical Negligence
1.2		Legal Liabilities And Remedies
1.3		COPRA Act, Consumer Protection Act
Unit 4		Laws related to medical practices
1.1		Right to health , Telemedicine
1.2		Medical Termination of Pregnancy Act 1971
1.3		PCPNDT Act 1994 , Biomedical Waste Handling Amended Act 2016
Unit 5		Concepts related to Right to Health, Consent and Telemedicine
1.1		ESI Act 1948
1.2		Transplantation of Human Organ Act 1994
1.3		Drug and Cosmetic Act 1940

References

- SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- Essential Of Public Health Ethics , G Bernheim, Childress Bonnie, Melnick, Jones And Bartlett Learning 2015

Elective Courses (select any one)

Title of Course	:	School, Urban and Occupational Health
Course NO.	:	PH (CM) EL 302 A
Course Code		SUOH
Course Objectives	:	<ul style="list-style-type: none"> ○ Understanding the concept of school, urban, rural and occupational Health. ○ Developing knowledge about laws relating to occupation/ factory and how these laws ensure safety for workers. ○ Developing Knowledge about International Health Agencies.
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would have knowledge about school, rural and occupational health. ○ The students are having knowledge about laws related to occupation, factory and how these laws ensure the safety for workers. ○ The students would have knowledge about the working
Course Content		
Unit 1		Importance of School health
1.1		School Health: Meaning, Objectives and Importance
1.2		Components of School Health, Problems of school children,
1.3		School health services
1.4		Critical Analysis of School Health Programmes related to of school health
Unit 2		Importance of Urban Health
1.1		Urban Health : Importance, Problems, Factors influencing urban health
1.2		Organization of Health Services in Urban and rural areas
1.3		Challenges in delivering health care services in rural areas Schemes related to urban health
Unit 3		Importance of Occupational Health
1.1		Occupational Health: Definition, and Importance
1.2		Classification of Occupational Hazards and Diseases
1.3		Preventive measures for occupational diseases
1.4		Employee State Insurance Scheme, Factory Act (1948)
Unit 4		Occupational Safety and Management
1.1		Need for safety, health and environment (S,H,&E), fundamental of safety, safety policy, SHE planning, Principal of safety management, safety training and awareness,
1.2		Communication, posters and signage, safety inspection, occupational safety and health acts,
1.3		Emergency preparedness and response, industrial safety,

	industrial hygiene
Unit 5	International Health Organizations
1.1	Structure, Objective, and Services of International Health Organizations -World Bank, WHO, UNICEF, UNFPA, UNDP,
1.2	FAO,ILO, USAID,RED CROSS, CARE- Structure, Objective
1.3	and function
1.4	Voluntary Health Organizations in India

References

- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- Carol Gestwicki, Home School and Community, Thomson Delmar Learning (6th edition)
- Glen G. Gilbert, Robin G. Sawyer, Elisa Beth McNeil, health Education-Creating Strategies for School and Community Health, Jones & Bartlett Learnings 4th edition 2015

Title of Course	:	Human Behavior, Health, and Wellness
Course No..	:	PH(CM) EL 302 B
Course Code	:	HBAH
Course Objectives	:	<ul style="list-style-type: none"> ○ Understanding the concept of human behavior, health and wellness
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would have learnt the basic knowledge about the various aspects of human behavior and health. ○ The students would have knowledge of application of human behavior and yoga meditation in promotion of health
Course Content		
Unit 1		Understanding Human behavior
1.1		Human Behavior: Concept, Definition and Determinants of Human Behaviour
1.2		Maslow's Need Hierarchy,
1.3		Physiological basis of Human Behaviour, Behavioural problems
1.4		in different stages of personality development
Unit 2		Understanding Abnormal behavior
1.1		Concept of Abnormal behavior, Etiology of Abnormal
1.2		Behaviour, Types and Symptoms of Abnormal Behaviour,
1.3		Treatment of Abnormal behaviour, Prevention of mental illness
Unit 3		Management of Mental Disorder
1.1		Management of Mental Disorder, Defense Mechanism
1.2		Stress and Stress related Diseases
1.3		Counseling and Psychotherapy
Unit 4		Programs of behavioural aspects
1.1		Behaviour practices in nutrition, behaviour issues in health and
1.2		hygiene, Swachchha Bharat Mission, Influence of behaviour in maternal child health, adolescent health, geriatric health, family planning
Unit 5		Health and wellness
1.1		Behaviour as a tool in public health-individual and community behaviour
1.2		Happiness- concept, definition, The triad for happiness, Sources
1.3		of happiness, Happiness-health connection ,
1.4		Ways To Health And Wellness-Meditation, Yoga naturopathy

References

- UpendraBhakta, Abnormal Psychology, Random Publication, New Delhi.
- Bruce Simons-Morton, Kenneth R. Mcleroy, Monica L. Wendel, Behaviour Theory in health Promotion Practice and Research

- Robert C. Carson, James N Butcher, Susan Mineka, Jill M. Hooley, Abnormal Psychology, Pearson Education
- Robert A. Baron, Nyla R. Branscombe, Donn Byrne, GopaBhardwaj, social psychology, Pearson Education, Jones and Bartlett Learning, Burlington 2012
- Boniwell, I., & Ryan, L. (2012). Personal well-being lessons for secondary schools:
 - Positive psychology in action for 11 to 14 year olds. Maidenhead: Open University Press.
 - Helliwell, J. F., Huang, H., & Wang, S. (2017). The Social Foundations of World Happiness. World Happiness Report.
 - Helliwell, J., Layard, R., & Sachs, J. (2018). Sustainable Development Solutions Network. World Happiness Report 2018.
 - Kabat-Zinn, J. (1982). An outpatient program in behavioral medicine for chronic pain patients based on the practice of mindfulness meditation: Theoretical considerations and preliminary results. *General hospital psychiatry*, 4(1), 33-47.
 - Kumar, S., Verma, A. K., Bhattacharya, S., & Rathore, S. (2013). Trends in rates and methods of suicide in India. *Egyptian Journal of Forensic Sciences*, 3(3), 75-80.
 - Gordon Edlin, Eric Golanty, Health And Wellness, Jones and Bartlett Publishers, 8th Edition, 2004
 - Adler, A. (2016). Teaching Well-Being increases Academic Performance: Evidence From Bhutan, Mexico, and Peru. Publicly Accessible Penn Dissertations. 1572.
 - 2. Aristotle, (Edited and Translated by R.Crisp) (2000). *Nichomachean Ethics*. Cambridge: Cambridge University Press.
 - Promoting Child And Adolescent Mental Health, Carl I. Ferman, Myrna M. Delgado, Susan L. Tarasevich, Jones And Bartlett Learning 2015

Public Health Internship

Public Health Internship	
Course no.	PH (CM) IN 301
Course code	PH (CM) PHIN
Objective	<ul style="list-style-type: none">○ The aim of the public health internship is to provide an understanding of day to day activities and functions of professionals working in the public health system○ To learn about the challenges in the public health field and suggest remediation for effective functioning
Outcome	<ul style="list-style-type: none">○ Public health internship will provide a platform to students to integrate the learning and practice in public health settings.○ Students will be able demonstrate their leadership and management competencies in the health sector
<ul style="list-style-type: none">➤ After the examination of second semester students will undergo for Public Health Internship for six weeks in the government or non-government organizations/agencies working in health sector .➤ The role of the student in the internship shall include his/her participation in the supervision, assessment, monitoring and evaluation of health care services of the Organization/agency, conducting research study on public health issues, and develop feasible public health intervention to minimize the problem.➤ Public health internship would be helpful in developing leadership and managerial skills among students.➤ The Assessment of the internship will be done through daily activity diary, journal and Internship Report submission and presentation. Report may be submitted in the end of the Semester III.➤ Public health internship is of four credits.	

Interdepartmental Course

Title of Course	:	Human and Sustainable Development
Course no.	:	PH (CM) IER 301
Course Code	:	HASD
Course Objectives	:	<ul style="list-style-type: none"> ○ To provide knowledge about the sustainable development and its impact on human development. ○ To develop an insight among students the importance of environment protection and sustainable development.
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would have learnt about sustainable development and its impact on human development.
Course Content		
Unit 1		Introduction to Human Development
1.1		Human Development: Concept, Meaning and Objectives
1.2		History and Philosophy of Human Development
1.3		UNDP and Human Development Indicators: HDI, IHDI, MPI and GII, Global Hunger Index, Gender development Index
1.4		Physical Quality Life Index (PQLI), Disability Adjusted Life Years(DALYs) and Social Capability Index
Unit 2		Approaches to Human Development
1.1		Human Development in India, MDGs for 2015 and Human
1.2		Development
1.3		Human Development Approaches: Commodity based System and
1.4		Utility Approach, Basic Needs Approach, Quality of Life Approach, Capability Approach, Human Capital and Human Security
Unit 3		Sustainable Development
1.1		Sustainable Development: Concept, Definitions, Goals and Objectives and History
1.2		Components, Values and Principles, Pre-requisites for Sustainable Development.
1.3		Conventions on Sustainable Development
Unit 4		Environment and Sustainability
1.1		Environment: Concept and Components; Environment Degradation: Global Warming and Climate crisis
1.2		Socio-Economic Impact of Environment Degradation
1.3		Environment Management: Concept, Objectives, Approaches
1.4		Constitutional Provisions for Environment Protection, Environmental Conservation Programs in India.
Unit 5		Sustainable Development in the current Context
1.1		Indicators of Sustainable Development

1.2	Contemporary Challenges to Sustainable Development
1.3	Current Debates on Sustainable Development; Development and Sustainability
1.4	Initiatives for Sustainable Development: Global, Regional, Civil Society, Community based.

References

- Carol Holtz, Global Health Care: Issues & Policies Jones and Bartlett Publisher, USA 2008.
- Chiras- Environmental Sciences (Eight edition) Jones and Bartlett Publisher, Carol Holtz, Global Health care: Issues & Policies Jones and Bartlett Publisher, USA 2008
- Cordelia Strange, Water Pollution & Health, Alpha House Publishing, New York.
- F. Douglas Scutchfield, C. William Keck, Principles of Public Health Practice.
- G.R. Krishnamurthy, A.K. Singh, S. K. Bajpai- Indian Health Scenario (Perspectives and Dimensions) Serial Publication.
- Imrana Qadeer- Public Health in India (2011) Danish Books.
- J. S. Mathur- A Comprehensive Textbook of Community Medicine, CBS Publisher and Distributors 2008
- James F. McKenzie, Robert R. Pinger, Jerome E. Kotecki, An Introduction to Community Health (Fifth edition) Jones and Bartlett Publisher, USA 2005.
- K. Park, Textbook of Preventive & Social Medicine, Banarsidas Bhanot Publishers Jabalpur India
- Mary Jane Schneider, Introduction to Public Health, Jones and Bartlett Publisher, USA 2004
- Oxford Textbook Of Public Health Fifth Edition, Volume 2- Methods Of Public Health, Roger Detel, R. Beaglehole, M.A. Lansung, Martin Gulliford, Oxford University Press 2009
- Oxford Textbook Of Public Health Fifth Edition, Volume 2- The Scope Of Public Health, Roger Detel, R. Beaglehole, M.A. Lansung, Martin Gulliford, Oxford University Press 2009
- Etienne Dubois, Environment and Health Effects, Apple Academic Press 2010
- Oxford Textbook Of Public Health Fifth Edition (Volume 3- The Practice Of Public Health), Roger Detel, R. Beaglehole, M.A. Lansung, Martin Gulliford, Oxford University Press 2009
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- Sundar Lal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- The New Public Health, Second Edition, Theodore H. Tulchinsky, Elena A. Varavikova 2009, Academic Press

Semester IV

Title of Course	:	Field Wok Practicum
Course no.	:	PH (CM) CC 401
Course Code	:	FWP
Course Objectives	:	<ul style="list-style-type: none"> ○ To learn the application of theory in public health settings ○ To develop skills of identification of problems and recourses, community participation, planning and execution of public health interventions in the community. ○ To learn and analyze nutritional assessment of population of community ○ To get an understanding of the existing public health services and challenges
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would have learnt the application of theory in public health settings and also analyze the status of existing public health services and challenges in the society. ○ They would be able to identify the health problems in the community along with the resource mobilization and community participation to organize public health interventions in the community.
Course Content		
Unit-1		Orientation workshops Community health need assessment Community diagnosis Resource mobilization
Unit 2		Identification of health problems of community Identification of resourses in community
Unit 3		Health Camps, Community Awareness Programmes, Focus groups etc. School health awareness activities in rural and urban schools
Unit 4		Developing Communication Campaigns – PLA, FGD, Counselling Video and computer systems and their handling,
Unit 5		Report writing , documentation of above performed activities Preparation of synopsis for dissertation to be prepared in semester-IV
<p><i>Note- Field work practicum will be evaluated on the basis of the submitted field work diary, presentation and viva-voce based on the field work and theory papers of the current semester.</i></p>		

References

- Kathryn H. Jacobsen (2012), Introduction to Health Research methods: A practical Guide, Jones & Bartlett Learning
- Carol Gestwicki (2007), Home School and Community Relations Thomson and Delmar Learning
- David Silverman (2004) Qualitative Research, Sage South Asia Edition, Sage Publications India
- Douglas Scutchfield & William Keck (2007), Principles of Public Health Practice Delmar Publishers
- CIDT. (2001). Participation, Learning and Action. Walsall: University of Wolverhampton
- Garrett, Annett (1972) Interviewing – Its Principles and Methods, Family Service Association of America, New York
- Delhi School of Social Work ed. (1957) Field Work Supervision – Report of Seminar, New Delhi : Delhi School of Social Work
- Kumar, S. (2002). Methods for Community Participation: A Complete Guide for Practitioners. London: ITDG Publishing.
- Narayana Rao, S. (2002). Counselling and Guidance. Tata McGraw-Hill Publishing Company Ltd

Elective Courses (Select Any One)

Title of Course	:	Reproductive, Maternal, Neonatal Child Health and Adolescents
Course no.	:	PH (CM) EL 401 A
Course Code	:	RMNCHA
Course Objectives	:	<ul style="list-style-type: none"> ○ To learn the concept and importance of reproductive, child, adolescents and maternal health ○ To develop understanding about various programs and schemes related to reproductive, child, adolescents and maternal health
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would have learnt about reproductive, child, adolescents and maternal health. ○ Students would have develop understanding about various programs and schemes related to reproductive, child, adolescents and maternal health
Course Content		
Unit-1	Reproductive Health	
1.1	Introduction to reproductive health, Sexual and reproductive health rights	
1.2	Understanding Reproductive Health Policy	
1.3	Reproductive Health programs in India	
1.4	Role of men in reproductive health	
Unit-2	Neonatal & Child health	
1.1	Neonatal & Child Health: introduction, components,	
1.2	Infectious diseases and child survival ,	
1.3	Child health problems, morbidity and mortality among children	
1.4	Child health care services	
Unit-3	Maternal Health	
1.1	Maternal Child Health Program –Introduction, components, ante natal care	
1.2	Historical developments in MCH in India ,	
1.3	Mother and Child Tracking System, Comprehensive Abortion Care Service	
Unit-4	Adolescent health	
1.1	Adolescence, Adolescent Health status in India, Adolescent Health and Development	
1.2	Health issues specific to Adolescents: Anaemia, teenage pregnancy, menstrual hygiene	
1.3	Obesity, mental health promotion and illness prevention, substance use prevention, violence, media etc.	
1.4	International Adolescent health	
Unit-4	Relevant National Programme/Schemes	
1.1	Relevant National Programme/Schemes related to child health	
1.2	Adolescent health programs	
1.3	Relevant National Programme/Schemes related to maternal health	
1.4	Gender And Women Health	

References

- G.R. Krishnamurthy, A.K. Singh, S. K. Bajpai- Indian Health Scenario (Perspectives and Dimensions) Serial Publication.
- ImranaQadeer-Public Health in India (2011) Danish Books.
- J. S. Mathur- A Comprehensive Textbook of Community Medicine, CBS Publisher and Distributors 2008
- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi

- Carol Holtz, Global Health Care:Issues& Policies Jones and Bartlett Publisher, USA 2008.

- F. Douglas Scutchfield, C. William Keck, Principles of Publics Health Practice.
- Mary Jane Schneider, Introduction to Public Health, Jones and Bartlett Publisher, USA 2004
- James F. Mckenzie, Robert R. Pinger, Jerome E. Kotecki, An Introduction to Community Health (Fifth edition) Jones and Bartlett Publisher, USA 2005.
- Oxfords textbook of Public Health Fifth edition Vol 1,2,3

Title of Course	: Public Health Emergencies And Disaster Management
Course no.	: PH (CM) EL 401 B
Course Code	PHEDM
Course Objectives	<ul style="list-style-type: none"> ○ To understand the concept, types and factors responsible for public health emergencies and disaster management. ○ To understand the aspects and management of public health emergencies and disaster management. ○ To know the legislations related to disaster management.
Course Outcomes	<ul style="list-style-type: none"> ○ Students would have learnt concept, types and factors responsible for public health emergencies and disaster management. ○ Students would have also learnt management of public health emergencies and disaster management. ○ Students would also get knowledge about the legislations related to disaster management.
Course Content	
Unit 1	Introduction to Disaster Management
1.1	Disaster Management-Definition, Concept, Objectives, Elements and Significance
1.2	Dimensions of Disaster Management
1.3	Typology of Disasters: Natural Disasters-earthquakes, Manmade Disasters, UNDP Approaches
Unit 2	Aspects of Disaster Management
1.1	Response, Preparedness, Mitigation, Relief Phase, Role of union &state Governments., Non Governmental Organizations, International Agencies and friendly countries,
1.2	Epidemiological Surveillance and disease control, Vaccination
1.3	Nutrition, Rehabilitation in and after disaster.
Unit 3	Disaster Management in Health Sectors
1.1	Disaster preparedness, Policy development, Disasters in
1.2	India, Radiation Hazards, Stress and Strains, Urban slums,
1.3	Climate change and public health.
Unit 4	Disaster Management Legislations
1.1	National Disaster Management Policy
1.2	Disasters Management Act 2005.
1.3	Epidemic:Definition, Types of Epidemics, Major Epidemics, Control, Preventions.
Unit 5	Epidemics
1.1	Epidemics: Safe and Hygienic food, Maintenance of infection free
1.2	environment, maintaining mentalhealth during and after disasters.
1.3	Rehabilitation after the outbreak.

References

- G.R. Krishnamurthy, A.K. Singh, S. K. Bajpai- Indian Health Scenario (Perspectives and Dimensions) Serial Publication.
- ImranaQadeer-Public Health in India (2011) Danish Books.
- J. S. Mathur- A Comprehensive Textbook of Community Medicine, CBS Publisher and Distributors 2008
- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi

- Carol Holtz, Global Health Care:Issues& Policies Jones and Bartlett Publisher, USA 2008.

- F. Douglas Scutchfield, C. William Keck, Principles of Publics Health Practice.
- Mary Jane Schneider, Introduction to Public Health, Jones and Bartlett Publisher, USA 2004
- James F. Mckenzie, Robert R. Pinger, Jerome E. Kotecki, An Introduction to Community Health (Fifth edition) Jones and Bartlett Publisher, USA 2005.
- Oxfords textbook of Public Health Fifth edition Vol 1,2,3

Elective Courses (Select Any One)

Title of Course	:	Community Geriatrics, Mental Health, Substance abuse
Course no.	:	PH (CM) EL 402 A
Course Code	:	CGMHSA
Course Objectives	:	<ul style="list-style-type: none"> ○ Developing an understanding about the importance of Community geriatric care, mental health , Alcoholism and Drug Abuse in public health . ○ To familiarize with the importance of mental health and prevention of mental health problems. ○ To get introductory knowledge about cause, treatment and prevention of alcoholism and drug dependence
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students would have learnt about Community geriatric care, adolescent health and mental health. ○ Students would also have learnt the importance of mental health and prevention of mental health problems. ○ Students would have been introduced about cause, treatment and prevention of alcoholism and drug dependence
Course Content		
Unit 1		Understanding the concept Geriatric care
1.1		Community Geriatrics: Basic concepts, Definition, objectives, demographic scenario
1.2		Geriatric care services, principles underlying preventive geriatrics
1.3		Needs of the elderly
1.4		Maintenance of Welfare of Parents and Senior Citizens Act 2007
Unit 2		Importance of Geriatrics
1.1		Demography of Geriatrics-global and India,
1.2		Health problems of Elderly,
1.3		Health services for geriatrics
Unit 3		Initiatives on Geriatrics
1.1		Old age homes
1.2		Voluntary organizations working in geriatrics
1.3		Social welfare for geriatrics
Unit 4		Importance of Mental Health
1.1		Mental Health: Concept, Importance, Promoters and Obstructors
1.2		Mental Health Problems : Causes, Types, Bio-psychosocial model of mental illness, Prevention of Mental Health problems
1.3		Mental Health care Act 2017, Community mental health program
1.4		
Unit 5		Substance abuse-Alcoholism & Drug Dependence
1.1		Alcoholism : Epidemiological Factors and prevention
1.2		Drug Dependence: Epidemiological Factors And Prevention

References

- G.R. Krishnamurthy, A.K. Singh, S. K. Bajpai- Indian Health Scenario (Perspectives and Dimensions) Serial Publication.
- ImranaQadeer-Public Health in India (2011) Danish Books.
- J. S. Mathur- A Comprehensive Textbook of Community Medicine, CBS Publisher and Distributors 2008
- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India
- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- Carol Holtz, Global Health Care:Issues& Policies Jones and Bartlett Publisher, USA 2008.
- F. Douglas Scutchfield, C. William Keck, Principles of Publics Health Practice.
- Mary Jane Schneider, Introduction to Public Health, Jones and Bartlett Publisher, USA 2004
- James F. Mckenzie, Robert R. Pinger, Jerome E. Kotecki, An Introduction to Community Health (Fifth edition) Jones and Bartlett Publisher, USA 2005.
- Oxford Textbook Of Public Health Fifth Edition, Volume 2- Methods Of Public Health, Roger Detel, R.Beaglehole, M.A. Lansung, Martin Gulliford, Oxforduniversity Press 2009
- Oxford textbook Of Public Health Fifth Edition (Volume 3-The Practice Of Public Health) , Roger Detel, R.Beaglehole, M.A. Lansung, Martin Gulliford, Oxforduniversity Press 2009
- The New Public Health , Second Edition, Theodore H. Tulchinsky, Elena A. Varavikova 2009 , Academic Press
- Oxford Textbook Of Public Health Fifth Edition, Volume 2- The Scope Of Public Health, Roger Detel, R.Beaglehole, M.A. Lansung, Martin Gulliford, Oxford University Press 2009

Title of Course	:	Personality and Psycho-Somatic Factors of Health
Course no.	:	PH(CM) EL 402 B
Course Code		PPSFH
Course Objectives	:	<ul style="list-style-type: none"> ○ Learning about development of personality and Psycho-somatic Factors of Health ○ Develop understanding about psycho-somatic illness and application of psycho-somatic medicine .
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students will learn about development of personality and Psycho-somatic Factors of Health ○ Students will also learn to develop understanding about psycho-somatic illness and application of psycho-somatic medicine.
Course content		
Unit 1		Understanding the Concept of Personality
1.1		Personality- Concept, Meaning and Stages
1.2		Determinants of Personality
1.3		Role of heredity and environment in personality development
Unit 2		Theories of Personality and Personality disorders
1.1		Theories of Personality by Sigmund Freud, Carl Jung
1.2		Theory of Personality given by Alfred Alder, karen Horney, Sullivan
Unit-3		Psycho-somatic illness
1.1		Psycho-somatic factors of Illness
1.2		Psycho-somatic diagnosis – Meaning and Importance
1.3		Steps in Psycho-somatic Diagnosis, Diagnostic Aids
Unit-4		Psycho-Somatic Medicine
1.1		Psycho-Somatic Medicine:Types and Importance
1.2		Methods of Application
1.3		Common Physical Diseases ,
1.4		Role of Medical Social Worker in psycho-somatic medicine
Unit-5		Management Of Personality Disorders
1.1		Personality disorders: cause, type and symptoms
1.2		Methods of treatment of personality disorders
1.3		Personality, wellbeing and health

References

- UpendraBhakta, Abnormal Psychology, Random Publication, New Delhi.
- Bruce Simons-Morton, Kenneth R. Mcleroy, Monica L. Wendel, Behaviour Theory in health Promotion Practice and Research
- Robert C. Carson, James N Buttcher, Susan Mineka, Jill M. Hooley, Abnormal Psychology, Pearson Education.

- Health Promotion (3rd Edition) Jackie Green, Keith Tones, Ruth Cross & James Woodall, SAGE 2015
- Health Of The Human Spirit - Spiritual Dimensions For Personal Health (Second Edition) Brian Luke Seaward, Jones And Bartlett Learning 2013

Title of Course	:	Master Dissertation
Course no.	:	PH (CM) EL MT 401
Course Code	:	MT
Course Objectives	:	<ul style="list-style-type: none"> ○ The dissertation is aimed to train the student in research methodology. It includes identification of the problem, formulation of a hypothesis, review of literature, designing of research study, collection of data, comparison of results and drawing conclusions. ○ To impart training in the methodology of developing a research proposal and scientific writing.
Course Outcomes	:	<ul style="list-style-type: none"> ○ Students will be able to apply research concepts and be able to conduct the research study and prepare dissertation.
Course Content		
<ul style="list-style-type: none"> ● Each student shall be required to undertake an independent research work and prepare a dissertation based on primary data, during the 4th Semester. ● The topic of such research based dissertation shall be relevant to any current public health issue and can be selected in consultation with the guide and shall be finalized only after the approval of the department. ● The research based dissertation has to be initiated during third semester in order to enable maximum exposure of student to the research topic and research field. ● The dissertation should be written under the following headings: <ul style="list-style-type: none"> - Abstract - Introduction - Objectives and research questions of the Study - Review of Literature and Research gap - Research Methodology - Results and Findings – including tables, graphs and figures - Discussion - Conclusion - Recommendations - Summary - References - Annexure: questionnaire, photographs etc. ● Assessment of the dissertation-the student will submit 3 hardcopies of the dissertation. ● The dissertation will be evaluated on the basis of presentation of dissertation by student followed by the Dissertation Based Viva-Voce, ● The assessment committee will include supervisor, course coordinator and external examiner. 		

INTRADEPARTMENTAL COURSE

Title of Course	:	Medical & Psychiatric Social Work
Course no.	:	PH(CM)IRA 401
Course Code	:	MPSW
Course Objectives		<ul style="list-style-type: none"> ○ To understand concept of social work and developing the understanding about Medical and Psychiatric Social work in health sector ○ To understand the application of Medical and Psychiatric Social work in different settings.
Course Outcomes		<ul style="list-style-type: none"> ○ Students would have learnt the concept of social work, medical, and psychiatric Social work in health sector. ○ Students would understand the application of Medical & Psychiatric Social Work in different settings.
Course Content		
Unit 3		Introduction to Social work
1.1		Social Work-Basic concepts, definition, Methods and values of
1.2		Social Work, Generic principles and fields of social work,
1.3		Challenges and Limitations of medical social worker
Unit 3		Medical Social Work
1.1		Medical Social Work – Concept, Need and Scope
1.2		Principles and Skills of medical social worker
1.3		Medical Social Work: Retrospect and Prospects
1.4		Role of Medical Social Work in various Medical Setting
Unit 3		Application of Medical Social Work
1.1		Application of Medical Social Work in Different Setting, Mental
1.2		Hospital, Child Guidance Clinics, Counseling Centers,
1.3		Rehabilitation Centre, General Hospitals, Working with schools for
1.4		mentally and physically challenged, Blood banks, eye banks, health camps
Unit 3		Psychiatric Social Work
1.1		Psychiatric Social Work: Concept, Roles, Functions and Scope
1.2		Psychiatric Social Work: Retrospect and Prospect
Unit 3		Application of psychiatric social work
1.1		Psychiatric Social Work in Different Settings community
1.2		psychiatry Community psychiatry
1.3		Mental Health programmes and legislations in India

References

- K. Park, Textbook of Preventive & Social Medicine, BanarsidasBhanot Publishers Jabalpur India

- Piyush Gupta, O.P. Ghai, Textbook of Preventive & Social Medicine CBS Publishers, New Delhi
- SundarLal, Adarsh, Pankaj, Textbook of Community Medicine (Preventive & Social Medicine), CBS Publishers, New Delhi
- Carol Holtz, Global Health Care:Issues& Policies Jones and Bartlett Publisher, USA 2008.
- F. Douglas Scutchfield, C. William Keck, Principles of Public Health Practice.
- G.R. Krishnamurthy, A.K. Singh, S. K. Bajpai- Indian Health Scenario (Perspectives and Dimensions) Serial Publication.
- ImranaQadeer-Public Health in India (2011) Danish Books.
- J. S. Mathur- A Comprehensive Textbook of Community Medicine, CBS Publisher and Distributors 2008
- James F. McKenzie, Robert R. Pinger, Jerome E. Kotecki, An Introduction to Community Health (Fifth edition) Jones and Bartlett Publisher, USA 2005.
- Mary Jane Schneider, Introduction to Public Health, Jones and Bartlett Publisher, USA 2004
- Oxford Textbook Of Public Health Fifth Edition, Volume 2- Methods Of Public Health, Roger Detel, R.Beaglehole, M.A. Lansung, Martin Gulliford, Oxforduniversity Press 2009
- Oxfordtextbook Of Public Health Fifth Edition (Volume 3-The Practice Of Public Health) , Roger Detel, R.Beaglehole, M.A. Lansung, Martin Gulliford, Oxforduniversity Press 2009
- The New Public Health , Second Edition, Theodore H. Tulchinsky, Elena A. Varavikova 2009 , Academic Press
- Oxford Textbook Of Public Health Fifth Edition, Volume 2- The Scope Of Public Health, Roger Detel, R.Beaglehole, M.A. Lansung, Martin Gulliford, Oxford University Press 2009
- Goldstein D., Expanding Horizons in Medical Social Work
- Goldstein D., Readings in the Theory and Practice in Medical Social Work
- Mishra P.D. , Social Work, Philosophy and Methods
- Sharon D.P., Social Work and Community Practice, Apple Academic Press 2011
- Eliot Sorel, 21st century Global mental Health, , Jones & Bartlett Learning 2013
- Promoting Child And Adolescent Mental Health, Carl I. Ferman, Myrna M. Delgado, Susan L. Tarasevich, Jones And Bartlett Learning 2015