



SRI BALAJI VIDYAPEETH

(Deemed to be University)

U/S 3 of UGC Act 1956

Puducherry-607402

QIM - 1.3.1: List of courses that integrates crosscutting issues relevant to

Gender, Environment and Sustainability, Human Values, Health

Determinants, Right to Health Issues, Emerging demographic changes and

Professional Ethics in the curricula (10)

Determinants of Health– Programs within the curriculum


REGISTRAR
SRI BALAJI VIDYAPEETH
(Deemed University u/s 3 of UGC ACT, 1956)
Accredited by NAAC with 'A' Grade
NH 45-A, Pillaiyarkuppam, Pondicherry-607 403.

(This document is attested from pages 1-16)



SRI BALAJI VIDYAPEETH (SBV)

(Deemed to be University)
U/S 3 of UGC Act 1956
Puducherry-607402

Criteria 1

Metrix 1.3 : Curriculum Enrichment

1.3.1

Index Page

Determinants of Health - Programmes within the curriculum

Links to documents (Click on the links to navigate to the pages)

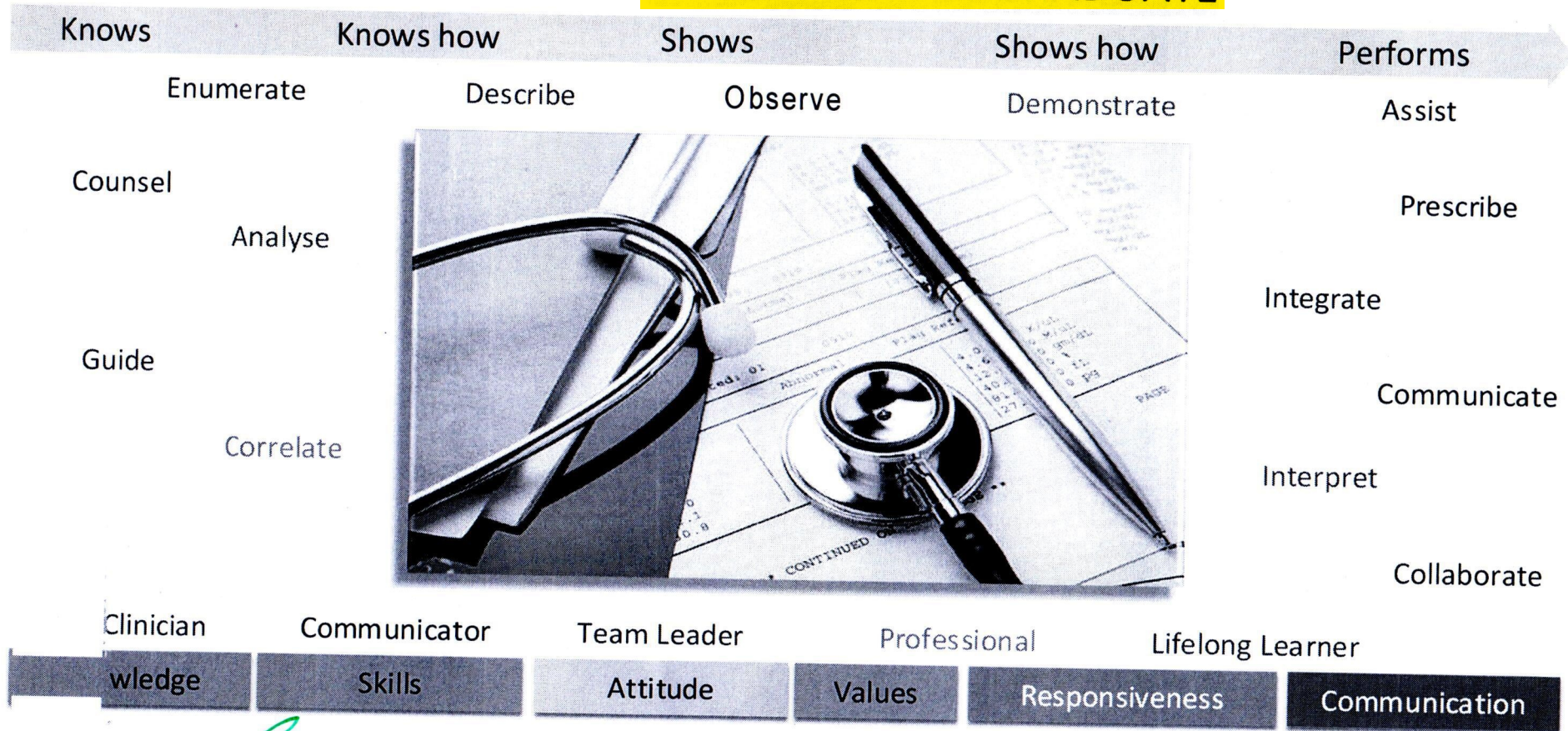
- [1. Pages extracted from Undergraduate Medical Curriculum by MCI](#)
- [2. Pages extracted from MD. Community Medicine curriculum by MCI](#)
- [3. Pages from B.Sc. Nursing syllabus implemented by SBV](#)
- [4. Pages from M.Sc. Nursing syllabus implemented by SBV](#)
- [5. Pages from MDS syllabus implemented by DCI](#)





MEDICAL COUNCIL OF INDIA

COMPETENCY BASED UNDERGRADUATE CURRICULUM FOR THE INDIAN MEDICAL GRADUATE



VOLUME-II (2018)

REGISTRAR
 SRI BALAJI VIDYAPEETH
 (Deemed University u/s 3 of UGC ACT, 1956)
 Accredited by NAAC with 'A' Grade
 NH 45-A, Pillaiyarkuppam, Pondicherry-607 403.

Click on this link →

(This page is an extract from the Undergraduate Medical Curriculum by MCI)

Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/KH/ SH/P	Core Y/N	Suggested Teaching learning method	Suggested Assessment method	Number required to certify P	Vertical Integration	Horizontal Integration
COMMUNITY MEDICINE									
Topic: Concept of Health and Disease		Number of competencies: (10)			Number of procedures that require certification:(NIL)				
CM1.1	Define and describe the concept of Public Health	K	KH	Y	Lecture, Small group discussion	Written / Viva voce			
CM1.2	Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health	K	KH	Y	Lecture, Small group discussion	Written / Viva voce			
CM1.3	Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease	K	KH	Y	Lecture, Small group discussion	Written / Viva voce			
CM1.4	Describe and discuss the natural history of disease	K	KH	Y	Lecture, Small group discussion	Written / Viva voce			
CM1.5	Describe the application of interventions at various levels of prevention	K	KH	Y	Lecture, Small group discussion	Written / Viva voce			
CM1.6	Describe and discuss the concepts, the principles of Health promotion and Education, IEC and Behavioral change communication (BCC)	K	KH	Y	Lecture, Small group discussion	Written / Viva voce			
CM1.7	Enumerate and describe health indicators	K	KH	Y	Lecture, Small group discussion	Written / Viva voce			
CM1.8	Describe the Demographic profile of India and discuss its impact on health	K	KH	Y	Lecture, Small group discussion	Written / Viva voce			
CM1.9	Demonstrate the role of effective Communication skills in health in a simulated environment	S	SH	Y	DOAP sessions	Skill Assessment		AETCOM	
CM1.10	Demonstrate the important aspects of the doctor patient relationship in a simulated environment	S	SH	Y	DOAP sessions	Skill Assessment		AETCOM	

Click on this link →

(The pages 4 & 5 are an extract from the
MD Community Medicine curriculum by MCI)

GUIDELINES FOR COMPETENCY BASED POSTGRADUATE TRAINING PROGRAMME FOR **MD IN COMMUNITY MEDICINE**

Preamble

The purpose of PG education is to create specialists who would provide high quality health care and advance the cause of science through research & training.

Community Medicine is an academic subject, a branch of Medicine which deals with promotion of health and prevention of diseases, involving people's participation, utilizing professional management skills. The Community Medicine specialist, will inculcate a holistic view of health and medical interventions primarily focused on Community Health/Population Health. Thus, he/she should be equipped with the knowledge, skills, competencies in primary, secondary & tertiary care, control and prevention of outbreaks/epidemics, community diagnosis, health needs assessment, epidemiological assessment, research and planning evidence-based health policies and programmes.

The Guidelines for teaching Community Medicine, therefore, should be designed to create a cadre of professionals who are competent to meaningfully contribute their expertise in planning, implementation, co-ordination, monitoring, evaluation of Primary Health Care Programs based on scientific evidence. The competencies must cover a wide spectrum of skills viz., technical, managerial, administrative, organizational skills, applied skills in Health Information Management, software application and soft skills of communication, motivation, decision-making, team building, training in scientific communication and medical writing.

The purpose of this document is to provide teachers and learners illustrative guidelines to achieve defined outcomes through learning and assessment. This document was prepared by various subject-content specialists. The Reconciliation Board of the Academic Committee has attempted to render uniformity without compromise to purpose and content of the document. Compromise in purity of syntax has been made in order to preserve the purpose and content. This has necessitated retention of "domains of learning" under the heading "competencies".

SUBJECT SPECIFIC OBJECTIVES

1. To create a skilled cadre of medical professionals having expertise in application of principles of Public Health, Community Medicine and applied epidemiology, contributing meaningfully in formulating National Health Policies & Programmes with a systems approach for overall human development.
2. To standardize the teaching & training approaches at post- graduate level, for Community Medicine

REGISTRAR
SRI BALAJI VIDYAPEETH
(Deemed University u/s 3 of UGC ACT, 1956)
Accredited by NAAC with 'A' Grade
NH 45-A, Pillaiyarkuppam, Pondicherry-607 403.

3. Research: To formulate research questions, do literature search, conduct study with an appropriate study design and study tool; conduct data collection and management, data analysis and report.

SUBJECT SPECIFIC COMPETENCIES

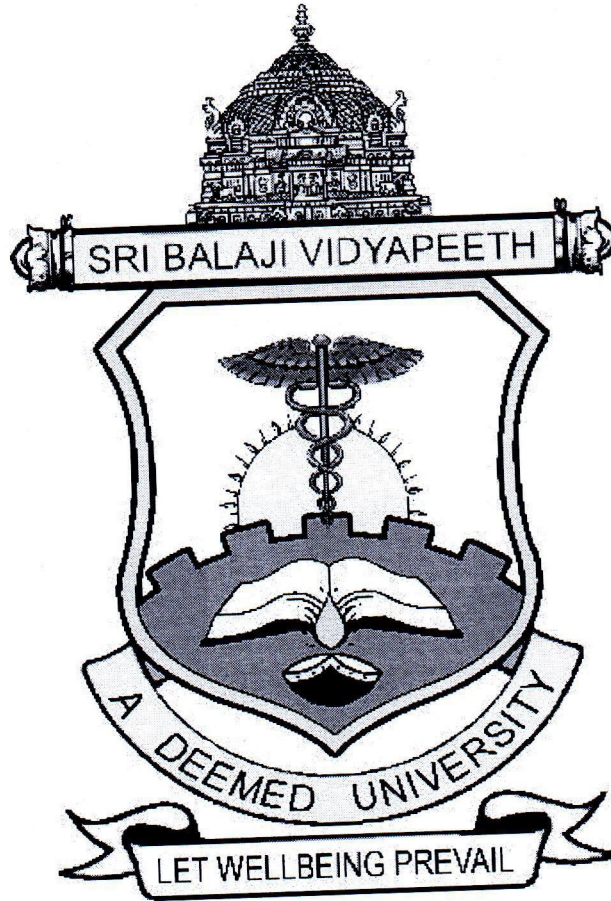
At the end of the course the student should be able to acquire the following competencies under the three domains, Cognitive, Affective and Psychomotor:

A. Cognitive domain (The student should be able to:)

1. Describe conceptual (and applied) understanding of Public Health, Community Medicine, clinical and disease-oriented approach, preventive approach & health promotion, disease control & promotion.
2. Have knowledge about communicable and non-communicable diseases, emerging and re-emerging diseases, their epidemiology, control and prevention.
3. Apply the principles of epidemiology, health research and Bio-statistics, application of qualitative research methods
4. Calculate Odds Ratio, Relative Risk, Attributable risk and other relevant health and morbidity indicators.
5. To describe nutritional problems of the country, role of nutrition in health and disease and to describe common nutritional disorders
6. Develop nutrition plan for an individual based on his requirements and with concerns to special situations if applicable
7. Plan comprehensive programme to address issue of malnutrition in a given area for a specific group
8. To describe the concept of **Environmental Health and its various determinants.**
9. Identify environmental health issues in a given area/community
10. Assess impact of adverse environmental conditions on health of human beings
11. Plan awareness programmes at various levels on environmental issues and mobilize community resources and participation to safeguard from local adverse environmental conditions
12. Should be able to provide technical advice for water purification, chlorination, installing gobar gas plant, construction of soakage pits etc.
13. Be a technical expert to advice on protection measures from adverse environmental exposure
14. To describe the working of Primary Health Care system, Panchayat Raj system, National Health Programmes, urban/rural differences, RCH, Demography and Family Welfare.
15. Do orientation of the inter-linkage of health sector and non-health sector for promotion of Health & control and prevention of diseases.
16. Have familiarity with administrative procedures and protocols
17. Have knowledge about role of media and its use in health.

SRI BALAJI VIDYAPEETH

(Declared Deemed - to - be - University u/s 3 of UGC act - 1956)
Mahatma Gandhi Medical College Hospital & Research Institute Campus
Pillaiyarkuppam, Puducherry - 607 402. website : www.sbvu.ac.in



BACHELOR OF NURSING
(*B.Sc. NURSING – Four Years Course*)

Revised Syllabi & Regulations

As approved by the Academic Council meeting held on 11.08.2016

2016-17 ONWARDS

REGISTRAR
SRI BALAJI VIDYAPEETH
(Deemed University u/s 3 of UGC ACT, 1956)
Accredited by NAAC with 'A' Grade
NH 45-A, Pillaiyarkuppam, Pondicherry-607 403.

Click on this link →

(This page is an extract from the
B.Sc. Nursing syllabus implemented by SBV)

PSYCHOLOGY

Placement : FIRST YEAR

Time : Theory : 75 Hrs

Course Description : This course is designed to assist the students to acquire knowledge of fundamental of psychology and develop an insight into behaviour of self and others. Further it is aimed at helping them to practice the principles of mental hygiene for promoting mental health in nursing practice.

Unit	Time (hrs)	Objectives	Skills	Assignments	Assignment Method
I	2	Describe the history scope & methods of psychology	Introduction <ul style="list-style-type: none"> * History & origin of science of psychology * Definitions & scope of psychology * Relevance to nursing * Methods of psychology * Schools/thoughts of psychology – structuralism, functionalism, behaviourism, gestalt psychology and psychoanalysis emotion. 	*Lecture Discussion	*Essay type *Short Answers
II	4	*Explain the biology of Human behaviour	*Biology of behaviour <ul style="list-style-type: none"> *Body mind relationship – modulation process in health and illness *Genetics and behaviour: Heredity and environment *Brain and behaviour: Nervous System, Neurons and synapse *Association Cortex, Rt. And Lt. Hemispheres Psychology of Sensations *Muscular and glandular controls of behaviour *Nature of behaviour of an organism / Integrated responses 	*Lecture Discussion	*Essay type *Short Answers
III	20	Describe various cognitive processes and their applications	Cognitive Processes <ul style="list-style-type: none"> *Attention: Types, determinants, Duration & Degree, Alterations *Perception: Meaning, Principles, factors affecting, Errors *Learning: Nature, Types, learner and learning, Factors influencing, Laws and Theories, process, transfer, study habits *Memory: Meaning, Types, Nature, Factors influencing, Development Theories and methods of Memorizing and Forgetting Thinking: Types and levels, abstraction and generalization, creative thinking, Stages of development, Relationship with language and 	*Lecture Discussion * Psychometric assessment * Practice sessions	*Essay type *Short answers

Click on this link →

(The pages 8 & 9 are an extract from the M.Sc. Nursing syllabus implemented by SBV)

COMMUNITY HEALTH NURSING - I

Placement: **SECOND YEAR**

Time : Theory :107Hrs
Time : Practical : 135+120 Hrs

Course description: This course is designed for students to appreciate the principles of promotion and Maintenance of health.

Unit	Time (hrs)	Learning Objectives	Content	Teaching Learning Activities	Assignment Method
I	2	*Describe the concept and dimensions of health	Introduction *Community health nursing *Definition, concepts, and dimensions of health *Promotion of health *Maintenance of health	*Lecture Discussion	*Short answer questions *Objective Type
II	35	*Describe Determinants of health	Determinants of health *Eugenics *Environment: * Definition, Scope, importance & need for public awareness of environmental studies. * Physical: Air, Light Ventilation, Water, water conservation Housing, Sanitation, Disposal of waste, Disposal of dead bodies, Forestation, Noise, Climate Communication: Infrastructure facilities and Linkages * Acts regulating the environment: National Pollution Control Board * Environmental pollutions Cause ,effects and control measures of :- Air pollution, Water pollution , Soil pollution , marine pollution ,noise pollution , thermal pollution ,nuclear pollution Solid waste management: causes ,effects and control measures of urban and industrial wastes Role of an individual in prevention of pollution Disaster management : floods ,earthquake ,cyclone and landslids * Bacterial and Viral: Agents, host carriers and immunity - Arthropods and Rodents *Food hygiene: Production,	*Lecture Discussion *Explain using charts, graphs, models, films, slides *Visits to water supply, sewage disposal, milk plants, slaughter house etc.,	*Short answer questions *Objective Type

REGISTRAR
 SRI BALAJI VIDYAPEETH
 (Deemed University u/s 3 of UGC ACT, 1956)
 Accredited by NAAC with 'A' Grade
 NH 45-A, Pillaiyarkuppam, Pondicherry-607 403.

COMMUNITY HEALTH NURSING – I PRACTICAL

Placement : **SECOND YEAR**

Time : **Practical – 135+120 Hrs**

Course description: This course is designed for students to appreciate the principles of promotion and maintenance of health.

Areas	Duration (in weeks)	Objectives	Skills	Assignments	Assignment Method
Community health nursing	2 Wks * urban and rural * 2wks rural	<ul style="list-style-type: none"> *Build and Maintain rapport *Identify demographic characteristics, health determinants and community health resources -Diagnose health needs of individual and families *Provide primary care in health centre *Counsel and educate individual, family and community 	<ul style="list-style-type: none"> * Use Techniques of interpersonal relationship * Identification of health determinants of community * History taking * Physical examination * Collect specimens – sputum, malaria smear * Perform simple lab tests at centre-blood for Hemoglobin and sugar, urine for albumin and sugar * Administer vaccines and medications to adults * Counsel and teach individual, family and community .Nutrition .Hygiene .Self health monitoring -Seeking health services -Healthy life style -Family welfare methods -Health promotion 	<ul style="list-style-type: none"> * To work with 2 assigned families each in urban and rural * Family study * Family study-1 * Observation report of community-1 * Health talks- 2 (1 in urban and in rural) 	<ul style="list-style-type: none"> * Assess clinical performance with rating scale * Assess each skill with checklist * Evaluation of Family study, observation report and health talk * Completion of activity record


REGISTRAR
SRI BALAJI VIDYAPEETH
 (Deemed University u/s 3 of UGC ACT, 1956)
 Accredited by NAAC with 'A' Grade
 NH 45-A, Pillaiyarkuppam, Pondicherry-607 403.

Click on this link →

(The pages 10 & 11 are an extract from the
M.Sc. Nursing syllabus implemented by SBV)

CLINICAL SPECIALITY - I COMMUNITY HEALTH NURSING

Placement : **FIRST YEAR**

Hours of Instruction :

Theory : 150 Hours

Practical : 650 Hours

Total : 800 Hours

Course Description :

The course is designed to assist students in developing expertise and in-depth understanding in the field of Community Health Nursing. It would help students to appreciate holistic life style of individuals, families & groups and develop skills to function as Community Health Nurse Specialist/practitioner. It would further enable student to function as an educator, manager and researcher in the field of Community Health nursing.

Objectives :

1. Appreciate the history and development in the field of Community Health and Community Health Nursing.
2. Appreciate role of individuals and families in promoting health of the Community.
3. Perform physical, developmental and nutritional assessment of individuals, families and groups.
4. Apply the concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the people.
5. Apply nursing process approach while providing care to individuals, families, groups and community.
6. Integrate the concepts of family centered nursing approach while providing care to the community.
7. Recognize and participate in the management of emergencies, epidemics and disasters.
8. Apply recent technologies and care modalities while delivering community health nursing care.
9. Appreciate legal and ethical issues pertaining to community health nursing care.
10. Conduct community health nursing care projects.
11. Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level.
12. Incorporate evidence based nursing practice and identify the areas of research in the community settings.
13. Participate effectively as a member of Community Health team.
14. Coordinate and collaborate with various agencies operating in the community by using inter sectoral approach.
15. Teach community health nursing to undergraduates, in-service nurses and the community health workers.
16. Demonstrate leadership and managerial abilities in community health nursing practice.

REGISTRAR
SRI BALAJI VIDYAPEETH
(Deemed University u/s 3 of UGC ACT, 1956)
Accredited by NAAC with 'A' Grade
NH 45-A, Pillaiyarkuppam, Pondicherry-607 403.

COURSE CONTENT :

Unit	Hours	Course Content
I	10	<p>Introduction</p> <p>Historical development of Community Health and Community health Nursing World and India, various health and family welfare committees</p> <p>Current status, trends and challenges of Community Health Nursing</p> <p>Health status of the Community-community diagnosis</p> <p>Scope of Community health Nursing practice</p> <p>Ethical and legal issues</p> <p>Socio-cultural issues in Community health Nursing</p> <p>National Policies, plans and programmes</p> <p>National health policy</p> <p>National Population policy</p> <p>National Health and welfare Programmes</p> <p>National Health goals/ indicators/ Millennium developmental goals(MDG)/ Strategies</p> <p>Planning process: Five year plans</p> <p>National Rural Health Mission</p> <p>Panchayat raj institutions</p>
II	10	<p>Health</p> <p>Concepts, issues</p> <p>Determinants</p> <p>Measurements</p> <p>Alternate systems for health promotion and management of health problems</p> <p>Health economics</p> <p>Health technology</p> <p>Genetics and health</p> <p>Waste disposal</p> <p>Eco system</p>
III	15	<p>Population dynamics and control</p> <p>Demography</p> <p>Transition and theories of population</p> <p>National population policy</p> <p>National population programmes</p> <p>Population control and related programmes</p> <p>Methods of family limiting and spacing</p> <p>Research, Census, National Family Health Survey</p>
IV	30	<p>Community health Nursing</p> <p>Philosophy, Aims, Objectives, Concepts, Scope, Principles, Functions</p>

Click on this link →

(The pages 12-15 are an extract from the
MDS curriculum by DCI)

[Published in the Gazette of India, Part III, Section 4.]

DENTAL COUNCIL OF INDIA

NOTIFICATION

New Delhi, dated 5th November, 2017.

No.DE-87-2017—In exercise of the powers conferred by clauses (g), (h) and (ha) of sub-section (2) of section 20 of the Dentists Act, 1948 (16 of 1948), the Dental Council of India, after consultation with the State Governments as required under clause (g) and (h) of the said Act, and in supersession of the Dental Council of India Revised **MDS Course Regulations**, 2007 except as respects things done or omitted to be done before such supersession, the Dental Council of India with the approval of the Central Government hereby makes the following regulations, namely:—

PART-I

PRELIMINARY

1. **Short title and commencement.**— (1) These regulations may be called the Dental Council of India, Master of Dental Surgery Course Regulations, 2017.
(2) They shall come into force on the date of their publication in the Official Gazette.
2. **Definitions** – In these regulations unless the context otherwise requires:-
 - (a) "Act" means the Dentists Act, 1948 (16 of 1948)
 - (b) "the Council" means the Dental Council of India constituted under section 3 of the Act;
 - (c) "dentistry" includes,—
 - (i) the performance of any operation on, and the treatment on any disease, deficiency or lesion of, human teeth or jaws, and the performance of radiographic work in connection with human teeth or jaws or the oral cavity;
 - (ii) the giving of any anesthetic in connection with any such operation or treatment;
 - (iii) the mechanical construction or the renewal of artificial dentures or restorative dental appliances;
 - (iv) the performance of any operation on, or the giving of any treatment, advice or attendance to, any person preparatory to, or for the purpose of, or in connection with, the fitting, inserting, fixing, constructing, repairing or renewing of artificial dentures or restorative dental appliances, and the performance of any such operation and the giving of any such treatment, advice or attendance, as is usually performed or given by dentists;
 - (d) "NEET" means the National Eligibility-cum-Entrance Test conducted by the National Board of Examination for admission to post-graduate courses;
 - (e) "University" means a university established or incorporated by or under a Central Act, a Provincial Act or a State Act, and includes any such institution as may, in consultation with the university concerned, be recognised by the University Grant Commission in accordance with the regulations made in this behalf under this Act.

PART - II

GENERAL CONDITIONS TO BE OBSERVED BY POST GRADUATE TEACHING INSTITUTIONS

REGISTRAR

SRI BALAJI VIDYAPEETH

(Deemed University U/s 3 of UGC ACT, 1956)

Accredited by NAAC with 'A' Grade

NH 45-A, Pillaiyarkuppam, Pondicherry-607 403.

- (i) demonstrate understanding of basic sciences relevant to speciality;
- (ii) describe etiology, pathophysiology, principles of diagnosis and management of common problems within the speciality in adults and children;
- (iii) identify social, economic, environmental and emotional determinant in a given case and take them into account for planned treatment;
- (iv) recognise conditions that may be outside the area of speciality or competence and to refer them to the concerned specialist;
- (v) update knowledge by self study and by attending courses, conferences and seminars pertaining to speciality;
- (vi) undertake audit, use information technology and carry out research in both basic and clinical with the aim of publishing or presenting the work at various scientific gathering;

(b) SKILLS:

- (i) take a proper clinical history, examine the patient, perform essential diagnostic procedures and order relevant tests and interpret them to come to a reasonable diagnosis about the condition;
- (ii) acquire adequate skills and competence in performing various procedures as required in the speciality.

(c) HUMAN VALUES, ETHICAL PRACTICE AND COMMUNICATION ABILITIES.

- (i) adopt ethical principles in all aspects of practice;
- (ii) foster professional honesty and integrity;
- (iii) deliver patient care irrespective of social status, caste, creed, or religion of the patient;
- (iv) develop communication skills, to explain various options available and obtain a true informed consent from the patient;
- (v) provide leadership and get the best out of his team in a congenial working atmosphere;
- (vi) apply high moral and ethical standards while carrying out human or animal research;
- (vii) be humble and accept the limitations in his knowledge and skill and to ask for help from colleagues when needed;
- (viii) respect patient's rights and privileges including patient's right to information and right to seek a second opinion.

**PART-VIII
SPECIALITIES**

27. The following specialties for the post-graduate course to be followed by the university / institute are detailed asunder:-

(i) Prosthodontics and Crown & Bridge:

Prosthodontics and Crown & Bridge is a branch of dental art and science pertaining to the restoration and maintenance of oral function, health, comfort and appearance by the replacement of missing or lost natural teeth and associated tissues either by fixed or removable artificial substitutes.

(ii) Periodontology:

Periodontology is the science dealing with the health and diseases of the investing and supporting structures of the teeth and oral mucous membrane.

7. PUBLIC HEALTH DENTISTRY

OBJECTIVES:

At the end of 3 years of training the candidate should be able to:

Knowledge:

- Applied basic sciences knowledge regarding etiology, diagnosis and management of the prevention, promotion and treatment of all the oral conditions at the individual and community level.
- Identify social, economic, environmental and emotional determinant in a given individual patient or a community for the purpose of planning and execution of Community Oral Health Program.
- Ability to conduct Oral Health Surveys in order to identify all the oral health problems affecting the community and find solutions using multi – disciplinary approach.
- Ability to act as a consultant in community Oral Health, teach, guide and take part in research (both basic and clinical), present and publish the outcome at various scientific conferences and journals, both national and international level.

Skills:

The candidate should be able to

1. Take history, conduct clinical examination including all diagnostic procedures to arrive at diagnosis at the individual level and conduct survey of the community at state and national level of all conditions related to oral health to arrive at community diagnosis.
2. Plan and perform all necessary treatment, prevention and promotion of Oral Health at the individual and community level.
3. Plan appropriate Community Oral Health Program, conduct the program and evaluate, at the community level.
4. Ability to make use of knowledge of epidemiology to identify causes and plan appropriate preventive and control measures.
5. Develop appropriate person power at various levels and their effective utilization.
6. Conduct survey and use appropriate methods to impart Oral Health Education.
7. Develop ways of helping the community towards easy payment plan, and followed by evaluation for their oral health care needs.
8. Develop the planning, implementation, evaluation and administrative skills to carry out successful community Oral Health Programs.

Values:

1. Adopt ethical principles in all aspects of Community Oral Health Activities.
2. To apply ethical and moral standards while carrying out epidemiological researches.
3. Develop communication skills, in particular to explain the causes and prevention of oral diseases to the patient.
4. Be humble and accept the limitations in his knowledge and skill and to ask for help from colleagues when needed and promote teamwork approach.
5. Respect patient's rights and privileges including patients right to information and right to seek a second opinion.

REGISTRAR
SRI BALAJI VIDYAPEETH
(Deemed University u/s 3 of UGC ACT, 1956)
Accredited by NAAC with 'A' Grade
NH 45-A, Pillaiyarkuppam, Pondicherry-607 402

COURSE CONTENTS:

- Effect of drugs on oral health

Research Methodology and Biostatistics:

Health Informatics– basic understanding of computers and its components, operating software (Windows), Microsoft office, preparation of teaching materials like slides, project, multimedia knowledge. Operative skills in analyzing the data.

Research Methodology – definitions, types of research, designing written protocol for research, objectivity in methodology, quantification, records and analysis.

Biostatistics – introduction, applications, uses and limitations of bio – statistics in Public Health dentistry, collection of data, presentation of data, measures of central tendency, measures of dispersion, methods of summarizing, parametric and non parametric tests of significance, correlation and regression, multivariate analysis, sampling and sampling techniques – types, errors, bias, trial and calibration

B) Public Health

Public Health:

- Definition, concepts and philosophy of dental health
- History of public health in India and at international level
- Terminologies used in public health

Health:

- Definition, concepts and philosophy of health
- Health indicators
- Health determinants
- Community and its characteristics and relation to health

Disease:


- Definition, concepts
- Multifactorial causation, natural history, risk factors
- Disease control and eradication, evaluation and causation, infection of specific diseases
- Vaccines and immunization

General Epidemiology:

- Definition and aims, general principles
- Multifactorial causation, natural history, risk factors
- Methods in epidemiology, descriptive, analytical, experimental and classic epidemiology of specific diseases, uses of epidemiology
- Duties of epidemiologist
- General idea of method of investigating chronic diseases, mostly non-infectious nature, epidemic, endemic, and pandemic.
- Ethical conversation in any study requirement
- New knowledge regarding ethical subjects
- Screening of diseases and standard procedures used

Environmental Health:

- Impact of important components of the environment of health
- Principles and methods of identification, evaluation and control of such health hazards
- Pollution of air, water, soil, noise, food
- Water purification, international standards of water
- Domestic and industrial toxins, ionizing radiation


REGISTRAR
SRI BALAJI VIDYAPEETH
 (Deemed University u/s 3 of UGC ACT, 1956)
 Accredited by NAAC with 'A' Grade
 NH 45-A, Pillaiyarkuppam, Pondicherry-607 403