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The Constituent College

SHRI. B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA

**BOARD OF STUDIES**

**(ANATOMY)**

**MINUTES OF MEETING**

**TIME: 11A.M TO 1-00 PM**

**DATE: 13-05-2019**

**VENUE: Department of Anatomy**

**DR. B.M.BANNUR.** Chaired the meeting and welcomed the members, External BOS member Dr.Mallikarjun M Professor & HOD Vijayanagar Institute of Medical Sciences, Bellary, attended the meeting

Following points were discussed and suggestions were made.

**PREVIOUS MINUTES OF MEETING CONFIRMATION**

1. Confirmation of minutes of previous meeting held on 20-09-2018 were read and accepted Resolution: confirmed.

2. Curriculum of allied courses.

**Certificate Course in Embalming Techniques.**

**Accepted earlier curriculum with following additions**

**with period of training six months and to complete Embalming of Ten(10) cadavers in stipulated time**

**Preamble.**

To impart basic knowledge of human body and its preservation. At the end of the course eligible candidate should be able to embalm the body perfectly. Candidates should know other methods of body preservation.

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**Course Content :**

**Theory**

History of embalming (ancient method of cadaver preservation)  
Changes after death, mummification.  
Method of embalming.  
Surface anatomy & exposure of blood vessels.  
Embalming –Principle, chemicals, technique.  
Embalming infant & burned body  
Embalming HIV& Hepatitis B infected bodies.  
Preparation of autopsy bodies  
Method of Cavity embalming  
Legal aspects of embalming  
Effects of formaldehyde and preventive measures.  
Mobile embalming unit.

**Practical.**

Introduction to the embalming instrument & study of instruments.  
Cadaver room and preservation of body in water tank (capacity mixing chemicals in tank)  
Preparation of embalming fluid.  
Arrangement of embalming instruments & irrigation of fluid.  
Introduction of body and selection of cadavers.  
Surface anatomy.  
Exposing of vessels for injecting embalming fluid.  
Preservation of fetus.  
Cavity embalming .  
Prevention of growth of maggots and destroying of maggots.  
Precaution for embalmer.

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Eligibility criteria for awarding the certificate

1. Candidate has to embalm 10 cadavers under the supervision
2. Should maintain the log book of the same

### **Certificate Course in Museum Techniques**

#### **Preamble.**

Impart basic knowledge of preparing ,preserving & maintaining museum specimens.

#### **Objectives:**

1. At the end of the course student should be able to assess normal disposition, inter relationship cross sectional anatomy of various structures of the body.
2. Able to identify macroscopic structure.
3. Able to point out features of human body **skiagrams**.

**Eligibility Criteria ; DMLT/ B,Sc.**

**Course Duration : 6 months**

#### **Course Content**

- History of anatomy ,Anatomical positions.
- Nomenclature,
- Study of systems with macroscopic knowledge.
- Regional anatomy. basic tissue, surface anatomy
- Radiological anatomy.
- History of museum technique.
- Selection, collection, fixation, preservation, coloring & mounting of specimens.
- Preparation of catalogue
- Preparation of charts.
- Instruments, containers, colors, Mounting materials, jars & charts.
- Bones –collection, cleaning, coloring , articulating ,cut section. abnormal bones.
- Radiology –collection of X- ray (plane & contrast U S G . MRI CT Scan ), view box , rotating skiagram stands, Radiology Museum.
- Arrangement of specimens, jars, models & charts in museum.
- Record keeping.
- Maintenance of Museum.

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**Museum technique course**

Eligibility criteria for awarding the certificate

1. Candidate has to mount the minimum 10 specimens under the supervision
2. Should maintain the log book of the same

In addition to the Curriculum, evaluation added as follows

**Evaluation**

Scheme of examination:

**Theory total 40 marks:**

Paper duration total 1 1/2 hrs

Long question 1X10=10

Short essays 3X5=15

Short answers 5X3=15

**Practical and Viva total 60 marks:** (Practical 40 marks and Viva 20 marks).

Criteria to pass:

Theory including viva min 50% to pass

Practical min 50% to pass

**4. NEW COURSES**

No new courses were suggested and Approved as existed

**New course**

**Diploma in Anatomy Technique**

**Duration 3 years Post SSLC Ist year Basic subjects**

**II & III year Subject related**

**Duration 2 years Post PUC (Direct admission to II year)**

**4) REVIEW OF EXISTING COURSES**

**UNDERGRADUATE MBBS ANATOMY CURRICULUM**

**Discussion:** After obtaining inputs from various stakeholders regarding existing curriculum, revision was done. MBBS curriculum was revised based on CBME pattern as per MCI guidelines

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Sl. No	Content	Existing	Change made
1	Course content	Teaching by lectures and practicals	Teaching by lectures, practicals, SDL, ECE, problem based learning
2	Exam pattern	University Examinations – Theory -2 Papers Each 100marks Long questions 10X2= 20 marks Short questions 5X 10= 50 marks Short answers 3X10= 30 marks  Practicals - 80marks Dissection 50marks Histology 30marks Viva - 40marks University Examinations – Theory -2 Papers Each 100marks Long questions 10X2= 20 marks Short questions 5X 10= 50 marks Short answers 3X10= 30 marks  Practicals - 80marks Dissection 50marks Histology 30marks Viva - 40marks University Examinations – Theory -2 Papers Each 100marks	Theory -2 Papers Each 100marks  MCQ's 20marks Long questions 10X2= 20 marks Short questions 5X 6= 30 marks Short answers 3X10= 30 marks  Practical- 100 marks Dissection -50marks Histology -30marks Viva - 20marks

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		Long questions 10X2= 20 marks Short questions 5X 10= 50 marks Short answers 3X10= 30 marks  Practicals - 80marks Dissection 50marks Histology 30marks Viva - 40marks	
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**POST GRADUATE MD ANATOMY:**

After obtaining inputs from various stakeholders regarding existing curriculum, revision was done. The revised PG curricula of MD/MS courses of MCI based on CBME was followed in principle and following changes were made.

Sl No	Content	Existing	Changes made
01	Course content	Specific practice based competence 2.4.Making celloidin, araldite gelatin blocks and their section cutting. 3.1. Practical classes for staining of glycogen mucopolysahharides Alkaline phosphatase, acid phosphatase and calcium	Delete  Delete
02	Suggested changes in summative assessment	<b>Theory Papers</b> <b>Paper I: Gross Anatomy</b> a). Gross Anatomy of whole human body i.e. upper limb, lower limb thorax, abdomen, pelvis, head and neck b). Method of preservation of human body and its parts, radiological anatomy, sectional anatomy.	<b>Paper –I:</b> a. History of Anatomy b. General and Elements of Anatomy c. Gross Anatomy with applied aspects

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	<p><b>Paper II: Embryology, Microscopic Anatomy and genetics</b></p> <p>a). General Principles of genetics, Cytogenetic as applicable to medicine and different genetic disorders, gene therapy.</p> <p>b). General Embryology, Systemic Embryology, methods of experimental embryology, clinically oriented embryology and teratology</p> <p>c). Histology (including fine structure) of tissues and organs of the body.</p> <p>d) Principles of light, transmission and scanning electron microscopy, confocal, virtual microscopy.</p> <p><b>Paper III: Neuroanatomy</b> Neuroanatomy - gross and applied aspects</p>	<p><b>Paper –II:</b></p> <p>a. General &amp; Systemic – Embryology including growth, development and Teratology</p> <p>b. Comparative Anatomy.</p> <p>c. Principles of Physical Anthropology.</p> <p><b>Paper –III:</b></p> <p>a. General &amp; Systemic – Histology and Principles of Microscopy</p> <p>b. Histological, museum and embalming techniques including medico legal aspects</p> <p>c. Human Genetics.</p>
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	<p><b>Paper IV: Applied Human Anatomy and recent advances in medical sciences</b></p> <p>(a) Clinical and applied aspect of Anatomy</p> <p>(b) Recent advances in the application of knowledge of anatomy on human 13 body</p> <p>(c) Collection, maintenance and uses of stem cells</p> <p>(d) Cryobanking</p> <p>(e) Basics of principles of organ donation from recently dead bodies.</p>	<p><b>Paper -IV:</b></p> <p>a) Neuroanatomy</p> <p>b) Applied Anatomy, Crosstional Anatomy, Radiological Anatomy &amp; Newer Imaging Techniques</p> <p>c) Recent advances in Anatomy</p> <p>d) Questions on recent advances may be asked in any or all papers*</p>
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#### 5) REVIEW OF PH.D PROGRAMMES

Reviewed and approved the existing programmes

#### 6) QUESTION PAPERS VS RESULTS ANALYSIS

Moderation of question papers every year

#### 7) PREPARATION OF CURRICULUM ON AREA OF SPECIALIZATION FOR PH.D EXAMINATION (BACKGROUND PAPER).

Curriculum will be prepared as per the topic of the each candidate

#### 8) REVIEW OF PROGRESS REPORTS OF PH.D SCHOLARS

1. PhD scholars must and should present all (Progress Reports, 2<sup>nd</sup> Open house and Open house presentations) presentations in the Department before presenting in front of PhD committee and organized by University
2. Remarks from the Ph.D Committee about the report of Ph.D scholars were discussed and approved

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1. Mr Javeed Ansar Rasheed 2012-13 batch 2<sup>nd</sup> progress report submitted.
2. Mrs Saniya 8<sup>th</sup> progress report submitted, 2014-15 batch
3. Dr.Prakash K G. 8<sup>th</sup> progress report submitted, 2014-15 batch
4. Dr Lohit shaha submitted, final synopsis 2014-15 batch
5. Dr Roshini S. 6<sup>th</sup> progress report submitted, 2015-16 batch
- 6 Dr smita Hegade 2<sup>nd</sup> progress report submitted 2017-18 batch
7. Dr Naikanuar Anandagouda 2<sup>nd</sup> progress report submitted 2017-18 batch
8. Dr Raviverma Vadegar Registered 2018-19 batch

**9) PANEL OF EXAMINER**

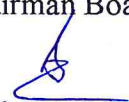
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**10) ANY OTHER MATTER WITH THE PERMISSION OF THE CHAIR.**

Date: **13-05-2019**

Place: Vijayapur

Chairman Board of Studies

  
Prof & HOD  
**Professor & H.O.D.**  
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