



## B.L.D.E. UNIVERSITY

[Declared as Deemed-to-be-University u/s 3 of UGC Act, 1956 vide Government of India Notification No. F.9-37/2007-U.3(A)]

The Constituent College

SHRI. B. M. PATIL MEDICAL COLLEGE, HOSPITAL AND RESEARCH CENTRE

### BOARD OF STUDIES (PATHOLOGY)

#### Minutes of the BOS Meeting

#### BOS meeting

Date : 22/03/2016

#### Agenda:

- 1) UG curriculum for revision.
- 2) Curriculum of Allied courses.
- 3) New courses.
- 4) Review of existing courses.
- 5) Review of PhD Programmes.
- 6) Recognition of PhD guide /PG teacher.
- 7) Question papers Vs Results analysis.
- 8) Preparation of Curriculum on area of specialisation for Pre Phd. Examination (Background Paper).
- 9) Review of Progress Reports of PhD Scholars
- 10) Panel of examination.
- 11) Any other matter with permission

  
REGISTRAR

B.L.D.E. (Deemed to be University)  
Smt. Bangaramma Sajjan Campus, Sholapur Road, Vijayapur – 586103, Karnataka, India.

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### MINUTES OF THE BOS MEETING

**Date : 22.03.2016**

**Time: 10.30 AM**

**Venue: Academic Council Hall, BLDE University**

Following members attended the meeting

1. Dr.Ramdas Nayak (External member)
2. Dr Malathi M (External member)
3. Dr.B.R.Yelikar
4. Dr.Surekha U.Arakeri
5. Dr.R.M.Potekar
6. Dr.Surekha B.Hippargi
7. Dr.Mahesh H.Karigoudar
8. Dr.Vijayalaxmi.S.Patil
9. Dr Anita P Javalgi

Dr.B.R.Yelikar, Prof and HOD, welcomed all BOS members and introduced agenda of the meeting

**1. Confirmation of the minutes of the previous BOS meeting:** members confirmed the minutes of previous BOS meeting.

**2. Curriculum of allied courses :**No changes.

**3. New courses:** Dr.B.R Yelikar told that the proposal for the Postgraduation in transfusion medicine will be taken after the PG inspection for increase of seats. Dr. Malathi suggested that BscMLT course of 3 years duration can be started. She also gave a brief idea of the course being conducted at KMIO, Bengaluru

**4. Review of existing courses:** Various Changes made in the UG curriculum were highlighted by Dr. Vijayalaxmi. The members approved for reduction in the numbers of didactic lectures,incorporation of active learning methods like case discussion, problem based learning and integrated teaching. (Details at the end)

**The PG curriculum changes were highlighted by Dr. R.M .Potekar. (Details at the end)**

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Dr. Malathi suggested that at least one CPC (clinicopathological correlation) should be conducted for the undergraduates every year,. All the members agreed for the same.

Dr. Ramdas Naik suggested that work based assessment of the postgraduate students by section incharge should be done and report should be submitted to the HOD. He also told that instead of conducting special stain procedure in the PG exas, stained slides should be given for interpretation. He also told that instead of block cutting exercise problematic sections should be given for interpretation. All the members agreed. Dr. Malathi suggested that integrated teaching for PG students can be done with common topics involving major clinical departments.

**5. Review of PhD courses:** Review of PhD programme was done. Both registered candidates are submitting their quarterly progress reports.

**6. Recognition of PhD guide/PG teacher:** Dr. R.M. P[otekar and Dr. Surekha Hippargi had applied previously for PhD guide and both have been approved as PhD guides.

### 7. Question Paper V/s Result Analysis:

The members felt that the long essay type question (Clinical case) of both the papers were difficult. Everyone felt that atleast one pathological finding as a clue should be included in the questions.

To improve the results, Dr. Malathi suggested that instead of two problem based long essay questions only one problem based question should be included. Dr. Ramdas Naik felt that the long essay, short essay questions should be given to thew paper setters.

**8. Preparation of curriculum on area of specialistaion for pre PhD examination(background paper):** Not Applicable as no PhD admission in 2015

**9. Panel of examiners:** Panel of examiners was discussed.


**10. Any other matter with prpermission of the chair:** Nil

Dr.B.R. Yelikar thanked all the BOS members, specially external member for making it convenient to attend the meeting.

  
**Prof. & HOD**  
Dept. of Pathology,  
B.L.D.E.U's Shri B. M. Patil  
Medical College, BIJAPUR-58610.

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### Department of Pathology

#### **UG CURRICULUM : Changes suggested in the II M.B.B.S. curriculum:**

Sl.No	Present status	Changes made
01	Course Content – Theory	Teaching schedule theory specified with topics for various teaching- learning methods like case discussion, seminars, group discussion, self study, interactive session & problem based learning.  Topics divided into three categories namely  1. Must to know 2. Desirable to know 3. Nice to know
02	Practicals	Teaching schedule practical specified with topics for various teaching- learning methods like Case study & chart discussion  Learning by QR code
03	Teaching learning method	Introduction of use of case studies, student seminars, clinico Pathologic conferences ,interactive sessions, problem based learning & charts for student learning.  Integrated teaching.  Video/practical demonstration of procedures like Bone marrow aspiration, lumbar puncture, pleural & ascetic fluid tapping
04	Evaluation	No changes made



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(Signature of the Registrar)



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### PG CURRICULUM : Changes made in MD Pathology curriculum

Sr n o.	Contents	Existing	Changes made
1	Goals	-	None
2	Objectives	-	None
3	Course contents	-	None
4	Teaching learning methods	On job training includes 1. Histopathology including techniques and reporting 2. Cytology including FNAC (direct and guided), fluid cytology ,exfoliative cytology- techniques and reporting 3. Haematology including blood banking and transfusion medicine- techniques and reporting 4. Clinical pathology- techniques and reporting 5. Museum techniques 6. Autopsy techniques and interpretation 7. Microbiology –Serology, Handling of hazardous material 8. Undergraduate teaching 9. Clinico Pathological Correlation 10. Frozen section 11. Immuno Histo Chemistry 12. Fluorescent microscopy 13. Electron microscopy 14. Biomedical waste	On job training topics added – cytospin ,flow cytometry, cytogenetics, Preconference presentation, SARS presentation,. Post seminar test

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		management	
5	Formative assessment	Training in answering model questions- on one topic every month	Theory test on one topic every month , Slide test, Surgical path test. Departments may conduct three tests, two of them be annual tests, one at the end of first year and the other in the second year. The third test may be held three months before the final examination
6	Suggested changes in summative assessment	<p><b>Theory paper</b> –Four papers of 2 long questions -20 marks each, 6 short essay questions – 10 marks each Questions on recent advances may be asked in any or all the papers.</p> <p><b>Practical:</b> <b>DAY 1:</b> a. Autopsy/Reconstructed autopsy (organ systems) -25 marks b.Gross/morbid Anatomy - 15 specimen -25 marks c.Haematology &amp; Cytology slides - 9+9 slides - 25marks d.Histopathological Techniques: -25 Marks 1.Frozen section, 2.Block cutting and staining - H &amp; E 3.Special stain (minimum</p>	<p><b>Theory paper</b>-Four papers of 10 questions of 10 marks each <b>Paper I</b> – General Pathology - 100 Marks <b>Paper II</b> – Haematopathology/Clinical Pathology/Cytopathology - 100 Marks <b>Paper III</b> – Systemic Pathology - 100 Marks <b>Paper IV</b> – Recent advances in pathology - 100 Marks</p> <p><b>Practical:</b> <b>DAY 1:</b> a. Haematology and clinical pathology (i) Clinical case/History/clinical data discussion -25 Marks (ii) Haematology exercise including Blood Banking -25 Marks b. Autopsy/Reconstructed autopsy (organ systems) - 25 marks c. Gross/morbid Anatomy - 15 specimens -25 marks d.Haematopathology &amp;</p>

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		<p>of 8 special stains) 4.Cytology stain (minimum of 4 special stains) e. Lecture topic allotment</p> <p><b>DAY 2:</b> a.Haematology and clinical pathology (i) Clinical case/History/clinical data discussion -25 Marks (ii) Haematology exercise including Blood Banking - 25 Marks b.Histopathology slides - 20 slides -50 Marks (Autopsy final report)</p>	<p>Cytopathology slides - 9+9 slides - 25 marks e. Lecture topic allotment</p> <p><b>DAY 2:</b> a) Histopathological Techniques: -25 Marks 1. Staining - H &amp; E 2. Special stain (1out of panel of 8 special stains) 3. Cytology stain (1out of panel of 4 special stains)</p> <p>b) Histopathology slides - 20 slides -50 Marks (Autopsy final report)</p>
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### Changes made in Diploma in Clinical Pathology

Sr no.	Contents	Existing	Changes made
1	Goals	-	None
2	Objectives	-	None
3	Course contents	-	None
4	Teaching learning methods	<p>On job training includes 1.Histopathology including techniques and reporting 2. Cytology including FNAC (direct and guided), fluid cytology ,exfoliative cytology- techniques and reporting 3.Haematology including blood banking and transfusion medicine-</p>	<p>On job training topics added – cytospin ,flow cytometry, cytogenetics, Preconference presentation, SARS presentation,. Post seminar test</p>

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		<p>techniques and reporting</p> <p>4. Clinical pathology- techniques and reporting</p> <p>5. Museum techniques</p> <p>6. Autopsy techniques and interpretation</p> <p>7. Microbiology –Serology, Handling of hazardous material</p> <p>8. Undergraduate teaching</p> <p>9. Clinico Pathological Correlation</p> <p>10. Frozen section</p> <p>11. Immuno Histo Chemistry</p> <p>12. Fluorescent microscopy</p> <p>13. Electron microscopy</p> <p>14. Biomedical waste management</p>	
5	Formative assessment	<p>Theory test on one topic every month</p> <p>Department may conduct two tests, one at the end of first year and the other in the final year, may be held three months before the final examination</p>	<p>Theory test on one topic every month , Slide test, Surgical path test.</p> <p>Department may conduct two tests, one at the end of first year and the other in the final year, may be held three months before the final examination</p>
6	Suggested changes in summative assessment	<p><b>Theory paper</b> –Three papers of 100 marks containing</p> <p>2 long questions -20 marks each,</p> <p>6 short essay questions – 10 marks each</p> <p>Questions on recent</p>	<p><b>Theory paper</b>-Three papers of 100 marks each containing 10 questions of 10 marks each</p>

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	<p>advances may be asked in any or all the papers.</p> <p><b>Practical:</b> <b>DAY 1:</b> 1. Microbiology Exercise. 25 Marks 2. Clinical case/data of examination/discussion, Hematology exercise, Biochemistry exercise, Urine Analysis .- 50 Marks 3. Histopathology Techniques, Hematoxylin and Eosin stain Cytology stain- 25 Marks <b>DAY 2:</b> 1. Reporting on Microbiology exercise 2. Histopathology slides – 8 in numbers 3. Cytopathology slide – 8 in numbers 4. Haematopathology slides – 8 in numbers- 50 Marks</p>	<p><b>Practical:</b> No changes suggested</p>
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*J/c SA*  
**Prof. & HOD**  
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