



# 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 VIJAYAPURA

## BOARD OF STUDIES IN ANAESTHESIOLOGY

Conducted on 08<sup>th</sup> March 2016

### MINUTES

1. BOS (Anaesthesiology) meeting was held on 08/03/16 at 11-30 am at BLDEU.

2. The following were present.

- |                        |   |
|------------------------|---|
| a) Dr.D.G.Talikota.    | Chairman  |
| b) Dr.Vidya.Tambake.   | Member  |
| c) Dr.Vijaykumar.T.K.  | Member  |
| d) Dr.R.R.Kusugal.     | Member  |
| e) Dr.Sridevi.M.M.     | Member  |
| f) Dr.Shivanand.L.K.   | Member  |
| g) Dr.Basavaraj.Patil. | Member  |
| h) Dr.V.K. Dhulkhed    | External Member, Prof & HOD Anaesthesiology, KIMS, Karad. |

3. Minutes of previous BOS meeting held on 13-08-15.were read & discussed.

4. Minutes of Meeting held on 08-03-2016.

a) Previous BOS meeting points were read & action discussed, Regarding Paediatric posting for PGs at Indira Gandhi hospital, Bangalore has been kept in pending by authorities. All members felt that the point needs further discussion with Principal.

b) Statistics classes are already being conducted for PGs by community medicine department. However records of our PGs attendance has to be got from Medical education department Statistics should be included in the curriculum of MD & Diploma.

c) PG curriculum, both M D and Diploma, should include topics of a) Pharmacogenetics.  
b) Occupational hazards. Along with below changes were discussed.

Sl No.	Content	Existing	Changes made
1	Goals	After satisfactory completion of the course, the candidate shall be fully conversant with theory and practical aspects of anaesthesiology and be able to practice anaesthesiology completely, confidently and safely in the community that he/she serves.	After satisfactory completion of the course, the candidate shall be fully conversant with theory and practical aspects of anaesthesiology and be able to practice anaesthesiology comprehensively, confidently and safely in the community that he/she serves.
2	Course Content	v). Regional anaesthesia including spinal, epidural anaesthesia and caudal block, brachial	v). Regional Anaesthesia-Spinal Anaesthesia,

Smt. Bangaramma Sajjan Campus, Sholapur Road, Vijayapur – 586103, Karnataka, India.

University: Phone: +918352-262770, Fax: +918352-263303, Website: www.bldeuniversity.ac.in E-mail: office@bldeuniversity.ac.in

College: Phone: +918352-262770, Fax: +918352-263019, Website: www.bldeuniversity.ac.in, E-mail:

bmpmc.principal@bldeuniversity.ac.in

REGISTRAR

BLDE (Deemed to be University)  
Vijayapura-586103, Karnataka



# 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 VIJAYAPURA

		<p>Plexus block. vi). Local Anaesthesia including peripheral nerve blocks and sympathetic nerve block.</p>	<p>Epidural anaesthesia, Caudal block, Brachial plexus block, Hernia block. Vi). Local anaesthesia, and ultrasound guided Brachial plexus and other Nerve block procedures. Addition of two topics- 15. Pharmacogenetics. 16. Occupational hazards.</p>
3	Teaching - learning methods	<p><b>Lectures: a)</b> Lectures are to be kept to a minimum. They may, however, be employed for teaching certain topics. Lectures may be didactic or integrated. Didactic Lectures: Recommended for selected common topics for postgraduate students of all specialities.</p> <p>Few topics are suggested as examples: Initial introductory lectures about the subject. Use of library Research Methods Communication Skills Medical Code of Conduct and Medical Ethics. National Health and Disease Control Programs. Bio-statistics etc.</p> <p>These topics may preferably taken up in the first few weeks of the 1<sup>st</sup> year.</p> <p>b) Integrated lectures: These are recommended to be taken by multidisciplinary teams for selected topics, e.g. Applied anatomy, Physiology, Pharmacology of commonly used anaesthetic drugs etc.</p> <p><b>8. Clinico-Pathological conference (CPC):</b> Recommended once a month for all post graduate students. Presentation to be done by rotation. Presentations will be assessed using checklist. If cases are not available due to lack</p>	<p><b>Lectures: a) Didactic lectures:</b> One lecture in a week is to be employed. Selected topics are discussed in these interactive theory classes.</p> <p>Few topics are suggested as examples: Initial introductory lectures about the subject. Use of library Research Methods Communication Skills Medical Code of Conduct and Medical Ethics. National Health and Disease Control Programs. Bio-statistics etc.</p> <p>b) Integrated teaching (Lecture): One Integrated teaching every month (Horizontal/Vertical) to be employed.</p>

Smt. Bangaramma Sajjan Campus, Sholapur Road, Vijayapur – 586103, Karnataka, India.

University: Phone: +918352-262770, Fax: +918352-263303, Website: www.bldeuniversity.ac.in E-mail: office@bldeuniversity.ac.in

College: Phone: +918352-262770, Fax: +918352-263019, Website: www.bldeuniversity.ac.in, E-mail: bmpmc.principal@bldeuniversity.ac.in



**REGISTRAR**  
BLDE (Deemed to be University)  
Vijayapura-586103, Karnataka





## 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 VIJAYAPURA

		<p>of clinical postmortems, it could be supplemented by published CPC's.</p> <p><b>9. Inter departmental meetings (Horizontal and vertical integration) :</b> Strongly recommended particularly with departments of surgery, medicine and allied specialities for discussion of interesting topics. To be conducted at least once in three months. Postgraduate students should attend these meetings and relevant entries must be made in the logbook. ( <b>Repetition</b> )</p> <p><b>10. Critical Incident meetings</b> –These are held every month in the department. Morbidity and mortality meeting will be held as and when need arises in association with concerned departments. Presentation is to be done by rotation and by the students who had conducted/assisted anaesthetic management. ( <b>Repetition</b> )</p>	<p><b>8 CPC/Critical Incidents meetings:</b> The meeting is held once in a month and the management and outcome of critical cases discussed. The post students involved in the management will present the cases one after the other.</p> <p>Cancelled</p> <p>Cancelled</p>
4	Formative assessment	<p>During the course of three years, the department will conduct three tests. Two of them will be annual, one at the end of first year and other at the end of second year. The third test will be preliminary examination which may be held three months before the final examination. The test may include the written papers, practicals / clinicals and viva voce. Objective structured clinical evaluation shall be included in the second and third periodical tests. Records and marks obtained in such tests will be maintained by the head of the department and will be sent to the university when called for.</p>	<p>During the course of three years, the department will conduct three tests. Two of them will be annual, one at the end of first year and other at the end of second year. The third test will be preliminary examination which may be held three months before the final examination. The test may include the written papers, practicals / clinicals and viva voce. Direct observation of the procedural skills ( DOPS ) shall be done, once in six months for</p>

Smt. Bangaramma Sajjan Campus, Sholapur Road, Vijayapur – 586103, Karnataka, India.

University: Phone: +918352-262770, Fax: +918352-263303, Website: [www.bldeuniversity.ac.in](http://www.bldeuniversity.ac.in) E-mail: [office@bldeuniversity.ac.in](mailto:office@bldeuniversity.ac.in)

College: Phone: +918352-262770, Fax: +918352-263019, Website: [www.bldeuniversity.ac.in](http://www.bldeuniversity.ac.in), E-mail: [bmpmc.principal@bldeuniversity.ac.in](mailto:bmpmc.principal@bldeuniversity.ac.in)

**REGISTRAR**

**BLDE (Deemed to be University)**  
Vijayapura-586103, Karnataka



# 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 VIJAYAPURA

			assessment of Practical skills. Records and marks obtained in such tests will be maintained by the head of the department and will be sent to the university when called for.																
5	Suggested changes in summative assessment	<p><b>Theory Examination:</b> Written examination shall consist of four question papers each of three hours duration. Total marks for each paper will be 100.</p> <table border="1"><thead><tr><th>Type of Questions</th><th>No. of Questions</th><th>Marks for each question</th><th>Total Marks</th></tr></thead><tbody><tr><td>Long essay</td><td>2</td><td>20</td><td>40</td></tr><tr><td>Short essay</td><td>6</td><td>10</td><td>60</td></tr><tr><td colspan="3">GRAND TOTAL</td><td>100</td></tr></tbody></table>	Type of Questions	No. of Questions	Marks for each question	Total Marks	Long essay	2	20	40	Short essay	6	10	60	GRAND TOTAL			100	<p><b>VI SCHEME OF EXAMINATION</b> <b>Theory Examination:</b> Written examination shall consist of four question papers each of three hours duration. Total marks for each paper will be 100. <b>10 Essay questions of 10 marks each, summing up to a grand total of 100 marks.</b></p>
Type of Questions	No. of Questions	Marks for each question	Total Marks																
Long essay	2	20	40																
Short essay	6	10	60																
GRAND TOTAL			100																

d) From current academic year PGs should have classes every week. This should be included in curriculum.

e) Proposal for starting of Value added courses for Postgraduates and undergraduates was made. The course content and syllabus which was developed according to the university VAC guidelines was put-up. The following topics were finalized

- 1) Basic life support for undergraduates
- 2) Respiratory therapy for undergraduates
- 3) Fibreoptic intubation for postgraduates.

f) UGs curriculum needs modification, Occupational Hazard & Introduction to ICU & Mechanical Ventilation-to be added. Anatomy of upper airway should be deleted & only

Smt. Bangaramma Sajjan Campus, Sholapur Road, Vijayapur – 586103, Karnataka, India.

University: Phone: +918352-262770, Fax: +918352-263303, Website: www.bldeuniversity.ac.in E-mail: office@bldeuniversity.ac.in

College: Phone: +918352-262770, Fax: +918352-263019, Website: www.bldeuniversity.ac.in, E-mail:

bmpmc.principal@bldeuniversity.ac.in

**REGISTRAR**

**BLDE (Deemed to be University)**  
Vijayapura-586103, Karnataka





## 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 VIJAYAPURA

Applied anatomy to be taught.

- g) No exam held since last BOS meeting hence no question paper analysis done.
- h) Panel of examiners reviewed & all agreed to add few names from KLE, KMC, Mangalore –for purpose of Synopsis Review, Paper setting & Peer review of thesis.
- i) No PhD students & nobody qualified for PhD Guide.
- j) No new courses are planned at present.
- k) Dr.Sridevi.has become PG Guide with effect from June 2015.
- l) External Member suggested that at least two clinical audits should be done by the Dept every year.

Prof and HOD

**Professor & HOD**  
**Department of Anesthesiology**  
**BLDEU Shri B.M. Patil**  
**Medical College, BIJAPUR**

**REGISTRAR**

**BLDE (Deemed to be University)**  
Vijayapura-586103, Karnataka

**Smt. Bangaramma Sajjan Campus, Sholapur Road, Vijayapur – 586103, Karnataka, India.**

University: Phone: +918352-262770, Fax: +918352-263303, Website: [www.bldeuniversity.ac.in](http://www.bldeuniversity.ac.in) E-mail: [office@bldeuniversity.ac.in](mailto:office@bldeuniversity.ac.in)

College: Phone: +918352-262770, Fax: +918352-263019, Website: [www.bldeuniversity.ac.in](http://www.bldeuniversity.ac.in), E-mail: [bmpmc.principal@bldeuniversity.ac.in](mailto:bmpmc.principal@bldeuniversity.ac.in)



**BLDE**

**(DEEMED TO BE UNIVERSITY)**

Declared as Deemed to be University u/s 3 of UGC Act, 1956

**The Constituent College**

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

**//DEPARTMENT OF ANAESTHESIOLOGY//**

**Goals:-**

The undergraduate students should realise the importance of safe forms of anaesthesia for different kind of surgeries. They should also know the importance of maintenance of patency of the airway in an unconscious patient – anaesthetised or otherwise.

**Objectives:-**

The undergraduate shall be able to

1. Enumerate different local anaesthetic agents, general anaesthetic agents, muscle relaxants, sedatives and analgesics.
2. They shall also understand the indications, mode of administration, contraindications, and side effects of the agents mentioned above.
3. They shall be trained in CPBR on manikins.

**MUST KNOW**

1. Preanaesthetic check up and medications.
2. Venepuncture set up and IV drip.
3. Laryngoscopy, Endotracheal intubation.
4. Simple general anaesthetic procedures/Regional Anesthesia.
5. Monitoring of patients during postoperative period.
6. Local anaesthetic agents and simple blocks.
7. Maintenance of anaesthetic record.
8. Recognition and treatment of complications in the post operative period.
9. Usage of life support system.
10. To perform CPR on Mannequin.

**DESIRABLE TO KNOW**

1. Recognition and management of problems associated in emergency situations.
2. Crystalloids & Colloids.
3. Blood & Blood component therapy.
4. Oxygen transport and various methods of O<sub>2</sub> administration.
5. ICU & Introduction to mechanical ventilation.
6. Interpretation of ABG.
7. Acute pain management.

Smt. Bangaramma Sajjan Campus, B. M. Patil Road (Sholapur Road), Vijayapura - 586103, Karnataka, India.

BLDE (DU): Phone: +918352-262770, Fax: +918352-263303, Website: [www.bldedu.ac.in](http://www.bldedu.ac.in), E-mail: [office@bldedu.ac.in](mailto:office@bldedu.ac.in)

College: Phone: +918352-262770, Fax: +918352-263019, E-mail: [bmpmc.principal@bldedu.ac.in](mailto:bmpmc.principal@bldedu.ac.in)

**REGISTRAR**

**BLDE (Deemed to be University)**  
Vijayapura-586103. Karnataka



**BLDE**

**(DEEMED TO BE UNIVERSITY)**

Declared as Deemed to be University u/s 3 of UGC Act, 1956

**The Constituent College**

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

**NICE TO KNOW**

1. Boyle's Machine.
2. History & Modern trends in practice of Anaesthesia.
3. Chronic pain management.
4. Occupational hazards.

The above mentioned syllabus will be taught under the following theory & practical topics.

<b>Sl.No.</b>	<b>TOPIC</b>
01.	Introduction to Anaesthesiology.
02.	Pre-anaesthetic evaluation of Patients
03.	Oxygen transport and various methods of O <sub>2</sub> administration.
04.	Airway obstruction and Management of airway in an unconscious patient.
05.	Muscle relaxants & reversal agents.
06.	Inhalational Anesthetic Agents.
07.	Intravenous Anaesthetic agents.
08.	<b>Boyles Machine. (Converted to Practical Class)</b>
09.	Local anaesthetic agents and simple blocks.
10.	Spinal & Epidural Anaesthesia.
11.	Crystalloids & Colloids.
12.	Blood & Blood component therapy.

Smt. Bangaramma Sajjan Campus, B. M. Patil Road (Sholapur Road), Vijayapura - 586103, Karnataka, India.

**BLDE (DU):** Phone: +918352-262770, Fax: +918352-263303, Website: [www.bldedu.ac.in](http://www.bldedu.ac.in), E-mail: [office@bldedu.ac.in](mailto:office@bldedu.ac.in)

**College:** Phone: +918352-262770, Fax: +918352-263019, E-mail: [bmpmc.principal@bldedu.ac.in](mailto:bmpmc.principal@bldedu.ac.in)

**REGISTRAR**  
**BLDE (Deemed to be University)**  
**Vijayapura-586103, Karnataka**





**BLDE**

**(DEEMED TO BE UNIVERSITY)**

Declared as Deemed to be University u/s 3 of UGC Act, 1956

The Constituent College

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

13.	Monitoring during Anaesthesia.
14.	<b>Intubation &amp; airway gadgets. (Converted to Practical Class)</b>
15.	Day case anaesthesia.
16.	<b>ICU &amp; Introduction to mechanical ventilation. (Converted to Practical Class)</b>
17.	Role of Anesthesiologists in acute and chronic pain relief.
18.	History & Modern trends in practice of Anaesthesia.
19.	<b>C.P.B.R. (Practical Class)</b>
20.	Occupational hazards of Anaesthesia.

**REGISTRAR**

**BLDE (Deemed to be University)**

**Vijayapura-586103. Karnataka**

Smt. Bangaramma Sajjan Campus, B. M. Patil Road (Sholapur Road), Vijayapura - 586103, Karnataka, India.

**BLDE (DU):** Phone: +918352-262770, Fax: +918352-263303, Website: [www.bldedu.ac.in](http://www.bldedu.ac.in), E-mail: [office@bldedu.ac.in](mailto:office@bldedu.ac.in)

**College:** Phone: +918352-262770, Fax: +918352-263019, E-mail: [bmpmc.principal@bldedu.ac.in](mailto:bmpmc.principal@bldedu.ac.in)





**BLDE**

**(DEEMED TO BE UNIVERSITY)**

Declared as Deemed to be University u/s 3 of UGC Act, 1956

**The Constituent College**

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

**RECOMMENDED BOOKS FOR REFERENCE**

Recent editions of the following books

1. Lee's synopsis of Anaesthesia.  
-Atkinson, Rushman & David
2. Anaesthesia & Co-existing diseases  
-Robert K. Stoelting  
-Stephen. F. Dierdorf.
3. Clinical Anaesthesiology  
-G. Edvard. Morgan. Jr.  
-Maged. S. Mikhail.  
-Michael. J. Murray.  
-C Philip Larson-Jr
4. Pharmacology & Physiology in Anaesthetic Practice .  
-Stoelting R.K.

**Professor & HOD  
Department of Anesthesiology  
BLDEU Shri B.M. Patil  
Medical College, BIJAPUR**

**REGISTRAR**

**BLDE (Deemed to be University)  
Vijayapura-586103. Karnataka**

Smt. Bangaramma Sajjan Campus, B. M. Patil Road (Sholapur Road), Vijayapura - 586103, Karnataka, India.

**BLDE (DU):** Phone: +918352-262770, Fax: +918352-263303 , Website: [www.bldedu.ac.in](http://www.bldedu.ac.in), E-mail: [office@bldedu.ac.in](mailto:office@bldedu.ac.in)

**College:** Phone: +918352-262770, Fax: +918352-263019, E-mail: [bmpmc.principal@bldedu.ac.in](mailto:bmpmc.principal@bldedu.ac.in)