



**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

**BLDE (Deemed to be University)**

Shri.B.M.Patil Medical College, Hospital & Research Centre

**Value added course**

**Basics of ultrasound in Obstetrics & Gynaecology**

  
**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

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



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**Department of obstetrics & Gynaecology**

### **Preamble**

Ultrasound was first introduced by Ian Donald in 1958 from Glasgow, UK (father of Ultrasonography). The Ultrasonography has become a very useful diagnostic tool in Obstetrics Gynaecology. It is commonly used diagnostic test due to high safety more acceptance and low cost.

The introduction of Ultrasound to Obstetrics and gynaecology has made tremendous impact to patient care as it allowed imaging of the fetus and placenta in obstetrics and maternal internal organs in gynaecology with such clarity to allow advanced diagnosis and also to guide various life saving interventions.

### **Objectives**

1. Understand ultrasound principles and explain the basic physical properties of ultrasound.
2. Perform appropriate ultrasound examination of female genital organs & during pregnancy.

### **Duration of course**

The duration of course will be for 3months (20hrs). Each week, of 1 day schedule on Saturday 2hr of teaching from evening 5.00pm -7.00pm( Nov2020-Jan2021)

### **Target group**

1. Post graduates of Dept. of OBG.
2. Internee's
3. Post graduates of other allied depts.(Radiology)
4. They practioners of OBG in district of Vijayapura and Bagalkot.

  
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**Eligibility for Admission**

All post graduates and Internees from the department of Obstetrics & Gynaecology in BLDE (DU) Vijayapur will be eligible for the admission to in “Basics of ultrasound in Obstetrics and Gynaecology

**Evaluation**

- a. Instructions will be in English.
- b. Evaluation will be based on CGPA.
- c. Evaluation of course will be on the basis of attendance, behavior and discipline, marks obtained in written examination.

**Credits awarding methodology.**

Every 4 hrs of attending the teaching learning session will be awarded one credit point.

20hrs – 5 credit points.

After successful completion of course and examination, certificate will be issued with the credit hours by the BLDE (Deemed to be University),

**Teaching –Learning methodology**

The classes will be mainly interactive with videos and images of various topics and will be taught how to do basic ultrasound in obstetrics & Gynaecology practice.

Students will be encouraged to interact freely. Later they will be encouraged to use the knowledge practically on patients under the guidance of faculty and staff.

Examination: A written test will be conducted at the end of the course. Concerned to the basic aspects of ultrasound in obstetrics and gynecology will be conducted at the end of course.

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

| Sl.No | Content  | Hours | Name of Staff                        | Dates      |
|-------|--|-------|--------------------------------------|------------|
| 1     | Biophysics of ultrasound (Basic aspects)                                     | 2hrs  | Dr.Shreedevi.kori                    | 07-11-2020 |
| 2     | Ultrasound evaluation during first trimester of pregnancy                    | 2hrs  | Dr.Shobha.Shiragur                   | 21-11-2020 |
| 3     | Ultrasound evaluation of normal fetal anatomy                                | 2hrs  | Dr.Ravi                              | 28-11-2020 |
| 4     | Role of ultrasound in evaluation of soft tissue markers                      | 2hrs  | Dr.Suvarna.Nandi                     | 5-12-2020  |
| 5     | Ultrasound evaluation of fetal biometry and normal and abnormal fetal growth | 2hrs  | Dr.Rajasri.Yaliwal                   | 12-12-2020 |
| 6     | Ultrasound evaluation of multiple pregnancy                                  | 2hrs  | Dr.Neelamma.patil                    | 19-12-2020 |
| 7     | Diagnostic invasive test for chromosomal abnormalities & NIPT                | 2hrs  | Dr.Sangamesh.S.M                     | 26-12-2020 |
| 8     | Assessment of fetal well being (Biophysical profile)                         | 2hrs  | Dr.Aruna.Biradar                     | 02-01-2021 |
| 9     | The role of Doppler sonography in Obstetrics                                 | 2hrs  | Dr.S.R.Mudanur                       | 09-01-2021 |
| 10    | The role of ultrasound in evaluating bleeding in all trimesters of pregnancy |       | Dr.S.R.Mudanur/<br>Dr.Shreedevi.Kori | 16-01-2021 |
| 11    | Evaluation of female genital tract   | 2hrs  | Dr.Shivanand Patil                   | 20-01-2021 |
| 12    | Role of ultrasound in AUB  | 2hrs  | Dr.S.R.Bidri                         | 23-01-2021 |
| 13    | Role of ultrasound in Infertility evaluation & treatment                     | 2hrs  | Dr.P.B.Jaju                          | 27-01-2021 |
| 14    | Ultrasound in evaluation of adnexal masses                                   | 2hrs  | Dr.Laxmi.Sangolli                    | 30-01-2021 |



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### References

1. "Bill Garrett: Obstetrics practitioner helped develop ultrasound". The Sydney Morning Herald. Retrieved 17 August 2018.
2. Woo, Joseph (2002). "A short History of the development of Ultrasound in Obstetrics and Gynecology". ob-ultrasound.net. Retrieved 2007-08-26.
3. Merz, Eberhard (2005). [Ultrasound in obstetrics and gynecology](#) (2nd ed.). Stuttgart: Thieme. p. 129. [ISBN 978-1-58890-147-7](#).
4. Safety of ultrasonography in pregnancy: WHO systematic review of the literature and meta-analysis. M. R. Torloni ,N. Vedmedovska M. Merialdi A. P. Betrán T. Allen R. Gonzalez L. D. Platt First published: 17 March 2009.

### Course Co-ordinator

1. Dr.S.R.Mudanur, Prof. & HOD
2. Dr.Preeti Patil Asst. Professor

### Resource Faculty

- Faculty from the dept of OBG, Shri B M Patil Medical College.
- Faculty from radiology department, Shri B M Patil Medical College.
- Experts from fetal medicine department of Vijayapur and Bagalkot Districts.

**REGISTRAR**

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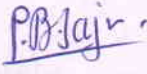


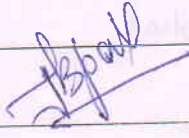

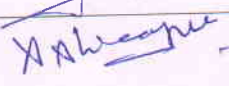
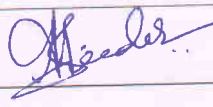
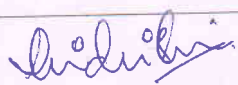


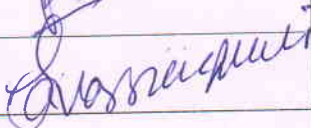


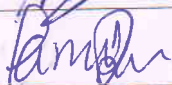
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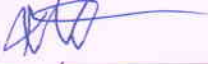




**B.L.D.E.(DEEMED TO BE UNIVERSITY)**  
**SHRI.B.M.PATIL MEDICAL COLLEGE.HOSP & R.C., VIJAYAPURA**  
**DEPARTMENT OF OBSTETRICS & GYNAECOLOGY**


28-11-2020

Value added programme




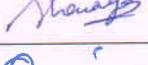

| SI NO | NAME OF THE STAFF & DESIGNATION      | Signature  |
|-------|--------------------------------------|--|
| 1     | DR.S.R.MUDANUR<br>PROF. & HOD        |    |
| 2     | DR.P.B.JAJU<br>PROF                  |     |
| 3     | DR.MRS.S.R.BIDRI<br>PROF.            |     |
| 4     | DR.V.R.GOBBUR<br>PROF.               |    |
| 5     | DR.MRS.NEELAMMA.PATIL<br>PROFESSOR   |    |
| 6     | DR.MRS.GIRIJA.HANJAGI<br>ASSOC.PROF. |  |
| 7     | DR.RAJASRI.YALIWAL<br>ASSOC.PROF.    |   |
| 8     | DR.SHOBHA.SHIRAGURS<br>ASSOC.PROF.   |  |
| 9     | DR.ARUNA.SNEMAGOUDA<br>ASSOC.PROF.   |  |
| 10    | DR.SANGMESH .S.M<br>ASSOC.PROF.      |  |
| 11    | DR.SHRIDEVI KORI<br>ASSOC.PROF.      |  |
| 12    | DR.LAXMI.SANGOLI<br>ASST.PROF        |  |
| 13    | DR.PREETI.PATIL<br>ASST.PROF.        |   |
| 14    | DR.SUVARNA NANDI<br>SR.RESIDENT      |  |
| 15    | DR.SHRUTI.B<br>SR.RESIDENT           |  |
| 16    | DR.BASAVARAJ.PATIL<br>SR.RESIDENT    |   |
| 17    | DR.SHIVAKUMAR.PUJERI<br>SR.RESIDENT  |  |
| 18    | DR.GAMINI.B.S<br>JR.RESIDENT         |  |


| S.I. No | Name of the students     | Signature          |
|---------|--------------------------|--------------------|
| 19      | Dr.Thota Sai Tejaswi     | T. Sai Tejaswi     |
| 20      | Dr.Soumya.Arun Nagmoti   | Soumya             |
| 21      | Dr.Sridevi.H.S           | Sridevi            |
| 22      | Dr.Sindhu Manne          | Sindhu             |
| 23      | Dr.P.S.Lakshmi Priya     | P.S. Lakshmi Priya |
| 24      | Dr.Jada Susmitha         | Jada Susmitha      |
| 25      | Dr.Vijayalaxmi           | Vijayalaxmi        |
| 26      | Dr.Jayasree.J            | Jayasree           |
| 27      | Dr.Priyanka Umbarje      | Priyanka Umbarje   |
| 28      | Dr.K.Lathavarma          | K.Lathavarma       |
| 29      | Dr.Vaishnavi Malji       | Vaishnavi Malji    |
| 30      | Dr.Monika Kanni          | Monika Kanni       |
| 31      | Dr.Ragavendra Lokur      | Ragavendra Lokur   |
| 32      | Dr.Gauri Bankapur        | Gauri Bankapur     |
| 33      | Dr.Kada Vishnu Priya     | Vishnu Priya       |
| 34      | Dr.Sona Tejaswi.M.R      | Sona Tejaswi       |
| 35      | Dr.A.Naveena             | A.Naveena          |
| 36      | Dr.Yeturi Sushmitha      | Y. Sushmitha       |
| 37      | Dr.Yamini Ponugoti       |                    |
| 38      | Dr.K.Priyanka            | Dr.K.Priyanka      |
| 39      | Dr.Eldrida Fernandes     | Eldrida Fernandes  |
| 40      | Dr.Priyanka Bhuvanendran | Priyanka           |
| 41      | Dr.Nimmala Snigdha       | Snigdha            |
| 42      | Dr.Lavanya vodnala       | Lavanya            |
| 43      | Nivedita Kadu            | Nivedita Kadu      |

| SI NO | NAME OF THE STAFF & DESIGNATION | Signature  |
|-------|---------------------------------|--|
|       | PGs of Radiology Dept.          |  |
| 1     | Dr. K. Maniara (Radiology PG)   |  |
| 2     | Dr. Ananth V.C.                 |   |
| 3     | Dr Saad mustafa                 |  |
| 4     | Dr. Shaurya Kaushal             |  |
| 5     | Dr. Karil Kumar                 |  |
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**Professor & Head**  
 Dept. of Obstetrics & Gynecology  
 BLDE (Deemed to be University)  
 Shri B.M. Patil Medical College  
 Hospital & Research Centre,  
 Vijayapura-586103.



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| 1     | Dr. K. Maniara (Radiology PG)   |  |
| 2     | Dr. Ananth V.C.                 |   |
| 3     | Dr Saad mustafa                 |  |
| 4     | Dr. Shaurya Kaushal             |  |
| 5.    | Dr. Ravikulmas                  |  |
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**Professor & Head**  
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**Department of Obstetrics & Gynaecology**

Ref. No. 241/20

Date: 28-10-2020

From  
Professor and Head  
Department of OBG  
BLDE (Deemed to be University)  
Shri B.M. Patil Medical College, Hospital and Research Center  
Vijayapura, Karnataka.

To  
The Registrar  
BLDE (Deemed to be University)  
Vijayapura, Karnataka.

**Subject:** Regarding permission to start a new value added course titled “Basics of Ultrasound in Obstetrics and Gynecology”.

Respected Sir,

We would like to start a new value added course titled- “Basics of Ultrasound in Obstetrics and Gynecology” from this academic year (2020-21) in the Department of OBG. So, we request your kind self to grant permission for the same.

Thanking you

*For*   
Professor and Head  
Department of OBG  
**Professor & Head**  
Dept. of Obstetrics & Gynecology  
BLDE (Deemed to be University)  
Shri B.M. Patil Medical College  
Hospital & Research Centre,  
Vijayapura-586103.



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**SHRI. B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA**  
BLDE(DU)/REG/ VAC/2020-21/1639

October 31, 2020

To,  
The Prof. and HOD  
Dept. of Obstetrics & Gynecology  
BLDE(DU)'s Shri B. M. Patil Medical College,  
Hospital and Research Centre,  
Vijayapura

Sub: Permission to start a new Value Added Course titled "Basics of ultrasound in Obstetrics & Gynecology" - Reg  
Ref: Your Letter No. 241/20

Sir,

With reference to the subject and letter cited above, I am to inform you that, you are hereby permitted to start a new Value Added Course titled "Basics of ultrasound in Obstetrics & Gynecology".

Further, you are informed to maintain the records as per the norms.

Thank You

**REGISTRAR**  
**REGISTRAR**

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

Copy to:

- The Dean, Faculty of Medicine & Principal
- The Dean, Faculty of Allied Health Sciences
- The Vice Principal (Academics)
- The Co-ordinator IQAC
- PS to the Hon'ble Vice-Chancellor

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

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**Department of Obstetrics & Gynaecology**

**Topic: VALUE ADDED COURSE -II ULTRASOUND IN OBSTETRICS & GYNAECOLOGY**

**CERTIFICATE OF APPRECIATION**

This is to certify that Dr. Rajasri.Yaliwal participated as a resource person in the value added course II and delivered a lecture on Ultrasound evaluation of fetal biometry on 12-12-2020.

**Dr Aravind V. Patil**  
Principal & Dean Faculty of  
Medicine  
BLDE(DU) Shri.B.M.Patil  
Medical College, Hosp.& R.C.,  
Vijayapura

**DR S R Mudanur**  
Professor and Head Of The  
Department Of OBG  
BLDE (DU)  
Shri BM Patil Medical College,  
Hospital And Research Centre.

**Dr.Preeti.Patil**  
Assistant Professor  
Value added course coordinator  
BLDE (DU)Shri.B.M.Patil Medical  
College, Hospital And Research  
Centre, Vijayapura