



BLDE

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The Constituent College

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

DEPARTMENT OF ANATOMY; HUMAN GENETICS LABORATORY


VALUE ADDED COURSE on Cytogenetic & Molecular Genetics

Course Details;

The purpose of the course is to provide a working knowledge of cytogenetics, the Preparation of materials for study, and the importance of chromosomal variations in Structure and number in such fields as Population genetics, evolutionary genetics, taxonomy and the medical sciences. It will help pathologists, internists, hematologists, medical oncologists, pediatricians, obstetricians, and other specialists. Scientists who desire a review of the field of cytogenetics, technicians in training or in practice, and medical or graduate students interested in medical genetics will find this publication to be useful reference on cytogenetics.

Cytogenetics and Molecular Genetics Practicals conducted for MD Pathology students. They are actively participated and learnt hands on technique in cytogenetics and Molecular genetics such as collection of samples, preparation of human cells in laminar air flow, transferring of culture in CO2 Incubator .Harvesting of cells, Analysis of chromosomes in Microscope. They only performed all the experiments including isolation of DNA, Agarose Gel Electrophoresis. We have conducted completion test for each year students separately. Their performance was very good. All the results were sent to their department.


**Genetics Laboratory,
Department of Anatomy,
BLDE University,
Shri B.M. Patil Medical College,
Hospital & R.C., Vijayapur-586103.**


HoD **Professor & H.O.D.
Dept. of Anatomy
BLDE (Deemed to be University)
Shri B. M. Patil Medical College
Vijayapura-586103.**


REGISTRAR

BLDE (Deemed to be University)

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

P. G. Pathology
1st B.E.T.H

Genetics Lab

B.L.D.E.

University's

Shastri 17/8/2020

SHRI B. M. PATIL MEDICAL
STAFF ATTENDANCE

COLLEGE, BIJAPUR
REGISTER

Name of the Department Genetics

Sl. No.	NAME	Designation	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1)	AKASH.		—	—	—	—	—	—	—	—	—	—	—	—	—	→	→	→	①	②	③	④		④		
2)	poatyusha.		—	—	—	—	—	—	—	—	—	—	—	—	—	→	→	→	P	P	P	P	=	3		
3)	Nehashree		—	—	—	—	—	—	—	—	—	—	—	—	—	→	→	→	P	P	P	P	=	4		
4)	Shahanaa.		—	—	—	—	—	—	—	—	—	—	—	—	—	→	→	→	P	A	P	P	=	3		
5)	Elizabeth		—	—	—	—	—	—	—	—	—	—	—	—	—	→	→	→	P	P	P	P	=	4		
6)	Payal.		—	—	—	—	—	—	—	—	—	—	—	—	—	→	→	→	P	P	P	P	=	4		
7)	Hina.		—	—	—	—	—	—	—	—	—	—	—	—	—	→	→	→	P	P	P	P	=	4		
8)	Harish.		—	—	—	—	—	—	—	—	—	—	—	—	—	→	→	→	P	P	P	P	=	4		
9)	Nazhath.		—	—	—	—	—	—	—	—	—	—	—	—	—	→	→	→	P	P	P	P	=	4		
10)	Shradha.		—	—	—	—	—	—	—	—	—	—	—	—	—	→	→	→	P	P	P	P	=	4		
11)	RUCHIR UTTAM.																									
12)	ANIN PRAKASH.																									

Gen. cell culture
Isolation of DNA
Agarose Gel Electrophoresis
Processing & Analysis

Pathology Dept P.G's

Name of the Department

Sl. No.	NAME	Designation	1	2	3	4	5	6	7	8	9	10	11	12
1.	Dr. Vipin Gupta							BD	BD	BD	BD	BD	5	
2.	Dr. Bhikha Auy.							BD	BD	BD	BD	BD	5	
3.	Dr. Toshi Agarwal							TA	TA	TA	TA	TA	5	
4.	Dr. Sohan Rao H.R							SR	SR	SR	SR	SR	5	
5.	DA Neha Bhosale							AB	AB	AB	AB	AB	5	
6.	Dr. Shilpy Bajaj							AB	AB	AB	AB	AB	5	
7.	Dr. Shubham Chaurishi							SC	SC	SC	SC	SC	5	
8.	Dr. Pallavi K							KP	KP	KP	KP	KP	5	
9.	Dr. ANIN PRAKASH							AP	AP	AP	AP	AP	5	
10.	Dr. RUCHIR UTTAM							AP	AP	AP	AP	AP	5	

Introduction to Cell Culture
 Principles of Cell Culture
 Agarose Gel Electrophoresis
 Isolation of DNA from Blood
 Cell Culture Processing Analysis

**SHRI B. M. PATIL MEDICAL
STAFF ATTENDANCE**

**COLLEGE, BIJAPUR
REGISTER**

21/9/20
22/9/20
23/9/20
24/9/20
25/9/20
26/9/20
28/9/20

Name of the Department Pathology

FOR THE MONTH OF Sept. 2020

Sl. No.	NAME	Designation	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21/9/20	22/9/20	23/9/20	24/9/20	25/9/20	26/9/20	27	28	29	30	31	CL Credit	CL Enjoyned	Balance	REMARKS	
1)	Dr. APARNA																					→	→	→	→	→	→							100 / -				
2)	Dr. VEENA																					→	→	→	→	→	→								100 / -			
3)	Dr. SASWATI																					→	→	→	→	→	→								100 / -			
4)	Dr. ROMAN																					→	→	→	→	→	→								100 / -			
5)	Dr. JAVERIYA																					→	→	→	→	→	→								100 / -			
6)																						→																
7)																						→																
8)																						→																
9)																						→																
10)																						→																

Introduction to Genetis 21/9/20
Prepn of Cell culture 22/9/20
Isolation of DNA from Blood 23/9/20
Agarose Gel Electrophoresis 24/9/20
Prepn of Cell culture. 25/9/20
Slide observation 26/9/20
Analysis of chromosomes 28/9/20

BLDE (Deemed to be University)

REGISTRAR OFFICE

DATE : 09/05/2020

INWARD No. 207/1



BLDE (Deemed to be University)
Shri B.M. Patil Medical College, Vijayapura

DEPARTMENT OF ANATOMY

Anat.No: 191(B) Date: 07/05/2020

Signature: [Signature]

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The Constituent College

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

Department of Anatomy

Date: 07/05/2020

From
Professor and Head
Department of Anatomy
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 "Cytogenetics and Molecular Genetics".

Respected Sir,

We would like to start a new value added course titled "Cytogenetics and Molecular Genetics" from the academic year 2019-20 in the Department of Anatomy. So, we request your kind self to grant permission for the same.

Thanking you

[Signature]

[Signature]

Professor and Head
Department of Anatomy
Professor & H.O.B.
Dept. of Anatomy
BLDE (Deemed to be University)
Shri B. M. Patil Medical College
Vijayapura-586102



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The Constituent College

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

BLDE(DU)/REG/ VAC/2019-20/189/1

May 13, 2020

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

Sub: Permission to start a new Value Added Course titled "Cytogenetic and Molecular Genetics"- Reg

Ref: Your Letter No. 191(B) Dt.07/05/2020

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 "Cytogenetic and Molecular Genetics".

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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BLDE (Deemed to be University)
Shri B.M. Patil Medical College, Hospital & Research Centre, Vijayapura

Department of Anatomy
Human Genetics Laboratory

Certificate

This is to certify that *Dr. Vipin Gupta* has successfully completed in the
Integrated Teaching Programme on Hands on Techniques in **Cytogenetics and**
Molecular Genetics conducted on *18.05.20-23.05.20* for the Post Graduate *Pathology*
Students I/II/III in the Human Genetics Laboratory Department of Anatomy.

GS
Dr G S Kadakol
Research Scientist
Human Genetics Laboratory

RS
Dr. R S Bulagouda
Head Dept.of Anatomy

AV
Dr. Aravind V Patil
Dean, Faculty of Medicine