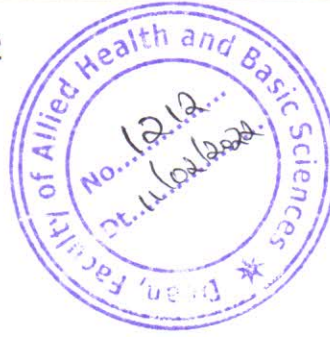
	SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH Tamaka, Kolar 563103	Phone: 08152-210604 Ext: 402 Fax: 08152-243008
	Department of Cell Biology and Molecular Genetics	E-mail: genomelab@sduu.ac.in

SDUAHER/KLR/CBMG/511/2021-22

Date: 11.02.2022

To
The Director of Academics,
SDUAHER,
Kolar, Karnataka.



Through Dean AH & BS

Sub: Submission the document of Value added course

Sir/Madam,

With reference to the above subject, hereby submitting all the document of Value added course (Cytogenetic Lab technology) which was conducted by the department of CMBG from 25.01.2022 to 04.02.2022. The documents are enclosed.

Thanking you



[Signature]
Head of the dept.

Head of Dept.
Cell Biology & Molecular Genetics
SDUAHER - Kolar

Note

Forwarded to Director of Academics for record

Inform Dept to submit
Soft copy of the VAC Exam
to Conference I - Director of
Academics

Dr. Ashwini Shetty to
verify. Dec 14/2/2022

[Signature]
Dean
Faculty of Allied Health Sciences
Sri Devaraj Urs Academy of
Higher Education & Research
Tamaka, Kolar-563 101

P.T.O.



Value Added Course

Cytogenetic Lab Technology

This course is aimed at B.Sc. (MLT) interns. At the end of this course, you will be able to explain the principles of cytogenetic technology and perform chromosomal analysis by karyotyping. This course will enhance the employability of MLT students in medical genetics lab. The course will focus mainly on skill development. Certificate will be issued after successful completion of the course

Course duration: Eight sessions of two hours each (22-31 January 2022)

COURSE SCHEDULE

Session	Learning objective	Mode
1	Genome organization, genetic disorder and principles of karyotyping	Theory
2	Blood culture set up	Practicals
3	Blood culture arrest and harvest	Practicals
4	Preparation of chromosomal spreads	Practicals
5	G banding of chromosomal spreads	Practicals
6	Microscopy of banded spreads	Practicals
7	Karyogram preparation	Practicals
8	Assessment	MCQs


Course coordinator

Dr. Venkateswarlu Raavi

Department of Cell Biology and Molecular Genetics
2nd Floor, CARE Building
SDUAHER, Kolar 563103
genomelab@sduu.ac.in

APPLY HERE → <https://docs.google.com/forms/d/e/1FAIpQLScH6lMI6wXZ2t5ciSCgT2qhtDq8vcAVfx69jgUZwgH>

Head of Dept.
Cell Biology & Molecular Genetics
SDUAHER - Kolar

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	Department of Cell Biology and Molecular Genetics	

Report on Value Added Course in Cytogenetic Lab Technology January 2022

The department of Cell Biology and Molecular Genetics organized a value-added course in Cytogenetic Lab Technology for B.Sc. (MLT) interns between 25th Jan-4th Feb 2022. The course was designed to enhance the employability of the MLT students in medical genetic laboratories. The course comprises of both theory (2 hours) and practicals (14 hours) in cytogenetic techniques.

Total 13 students were registered in the course. All students were divided into two batches for better handling of the practical sessions in blood culture set up, blood culture arrest harvesting cultures, preparation of chromosomes spreads, G banding of chromosomal spreads, microscopic analysis of the banded chromosomes, and identification of the chromosomal abnormalities.

At the end of theory and practicals sessions the students were tested by giving online assessment comprises of multiple-choice questions. All students submitted their answers within the given time. Out of thirteen students, five students secured 100% marks, five students secured 90% marks, three students secured 80% marks. All students successfully completed the course. At the end of the course, feedback on course was obtained from the students for further improvement of the course. Certificates were issued to all students who had completed the course successfully.

R. Umrathevaru
11/02/22

Cell Biology & Molecular Genetics
SDUAHER - Kolar

**List of students Registered for the value-added course in Cytogenetic Lab Technology
January 2022**

S. No	Name	Email	Program enrolled in the Academy	Register number
1	Nikkie Angellin Rani	nikkieangellinrani1902@gmail.com	B. Sc MLT	18BL2015
2	Pradeep Kumar	simpsonspr789@gmail.com	B. Sc MLT	18BL2016
3	Gogula Bhargavi Raju	gogulabhargaviraju@gmail.com	B. Sc MLT	18BL2005
4	Saleem Khan	psaleemkhan8@gmail.com	B. Sc MLT	18BL2018
5	Thrupthi K Sagari	thrupthiksagari3530@gmail.com	B. Sc MLT	18BL2024
6	Kavitha. N	kavithankavitha582@gmail.com	B. Sc MLT	18BL2007
7	Irshad Pasha. T	irshadpashat536@gmail.com	B. Sc MLT	18BL2006
8	Shahista Parveen. A	shahistashahi75@gmail.com	B. Sc MLT	18BL2020
9	Mubeen Taj. T	mubeentajt7@gmail.com	B. Sc MLT	18BL2014
10	Arbaaz Khan. A	arbaazafrozkhani@gmail.com	B. Sc MLT	18BL2002
11	Md. Moiennuddin	Mdmoiennuddin123@gmail.com	B. Sc MLT	18BL2012
12	Tasmiya Kousar. B	tasmiyakousar93@gmail.com	B. Sc MLT	18BL2022
13	Soundarya. N. A	Sonusoundarya103@gmail.com	B. Sc MLT	15MLT016

R. Subrataswamy
11/02/22

Cell Biology & Molecular Genetics
SDUAHER - Holar

Schedule for class and lab work

25th January to 04th February 2022

S. No	Name of the Student	Timings	Total hours
Morning Batch			
1	Gogula Bhargavi Raju	11.00 am-1.00 pm	16
2	Pradeep Kumar		
3	Irshad Pasha. T		
4	Saleem Khan		
5	Kavitha. N		
6	Thrupthi K Sagari		
Evening Batch			
7	Arbaaz Khan. A	2.00 pm-4.00 pm	16
8	Shahista Parveen. A		
9	Mubeen Taj. T		
10	Md. Moiennuddin		
11	Tasmiya kousar. B		
12	Nikkie Angellin Rani		
13	Soundarya. N. A		

R. Umeshwari
11/02/22
Department of Molecular Genetics
SDUAHER, Kolar

Attendance for the value-added course in Cytogenetic Lab Technology January 2022

S. No	Name	Register number	N. of classes taken	N. of classes attended	Attendance (%)
1	Nikkie Angellin Rani	18BL2015	8	7	88%
2	Pradeep Kumar	18BL2016	8	8	100%
3	Gogula Bhargavi Raju	18BL2005	8	8	100%
4	Saleem Khan	18BL2018	8	8	100%
5	Thrupthi K Sagari	18BL2024	8	7	88%
6	Kavitha. N	18BL2007	8	6	75%
7	Irshad Pasha. T	18BL2006	8	8	100%
8	Shahista Parveen. A	18BL2020	8	8	100%
9	Mubeen Taj. T	18BL2014	8	8	100%
10	Arbaaz Khan. A	18BL2002	8	8	100%
11	Md. Moiennuddin	18BL2012	8	7	88%
12	Tasmiya Kousar. B	18BL2022	8	8	100%
13	Soundarya. N. A	15MLT016	8	8	100%

R. Umbratowady

11/02/22

Cell Biology & Molecular Genetics
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