

BLDEA'S

S.B. ARTS AND K.C.P. SCIENCE COLLEGE,
VIJAYAPUR.



DEPARTMENT OF BOTANY

SKILL BASED VALUE ADDED COURSE IN BOTANY

(FOR THE ACADEMIC YEAR 2018-19)-II

BOTANICAL MICROTECHNIQUE- MICROTOMY

(Sub Code: SBKCPBOT 01)

SYLLABUS

Preedigi

HEAD

Department of Botany
SB Arts & KCP Science College
VIJAYAPUR-586103.

B
IQAC, Co-ordinator

S.B.Arts & K.C.P.Science College,
Vijayapur.

Las
Principal,

S.B.Arts & K.C.P. Science College
BIJAPUR.

BOTANICAL MICRO TECHNIQUES- MICROTOMY

(Sub Code: BOT-MTCH01)

Course structure for B.Sc. CBZ Students

1. Objectives and scope
2. Syllabus
3. Duration of the course
4. Evaluation and Certificate
5. Time table

1. Objectives and scope:

Although the B.Sc. (CBZ) Botany will mold and equip students for the present educational scenario, the department of Botany is introducing this **SKILL BASED VALUE ADDED COURSE IN "BOTANICAL MICRO TECHNIQUES- MICROTOMY"** to encourage and support the growing demands and challenging trends in the Botanical education. Our training focuses on the all-round development of the students to face the competitive World.

The objectives and scope of the program:

2. Understand the scope and significance of the discipline.
2. Clear, comprehensive and advanced mastery in the field of Botany.
3. Understand the advanced areas of biological sciences with special reference to Botany and its applied branches.
4. Skill in practical work, experiments, use of biological tool and techniques
5. Awareness to explore the intricacies of life forms at the cellular, molecular and nano level and inspire to disseminate the concept of biodiversity conservation.
6. Motivation and enthusiasm to appreciate the beauty of different life forms.
7. Problem-solving skills in students to carry out innovative research projects thereby enkindling in them the spirit of knowledge creation.
8. Proficiency in the use of recent and advanced biological technologies

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2. Syllabus

BOTANICAL MICRO TECHNIQUES- MICROTOMY

(Sub Code: BOT-MTCH017)

Teaching: 30 hrs, Practical: 06 (04 hrs Each)

Theory

UNIT -1: Light microscopy - optical principles. Use and care of microscope.

UNIT -2: Microtechnical processes principles and techniques

Chemicals and reagents: a. Fixation and Fixatives

b. Staining and Stains.

Microscopic Preparations. a. Temporary b. Semi-permanent c. Permanent.

UNIT -3

Microtomy - types of microtomes, uses, Maintenance and Procedure.

- g) Killing and Fixation
- h) Dehydration and clearing
- i) Paraffin Infiltration and Embedding
- j) Sectioning and mounting of Paraffin ribbons onto the slides
- k) Staining and Mounting
- l) Microphotography

Practicals

6 Practicals of 04 hrs duration based on theory

TEXTBOOKS AND REFERENCE BOOKS

1. Sass. John E, Botanical Microtechnique Oxford and IBH 1964.
2. Purvis M.J, et.al. Laboratory techniques in Botany, Butterworth's, London, 1966.
3. Johansen, D.A, Plant Microtechnique Tata Mc Graw Hill Publishing Company, 1940

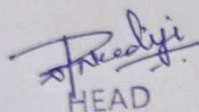
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3. Duration of the course (Teaching: 30 hrs, Practical: 06 (04 hrs each)

The course will be of 30 hours theory teaching and 06 practicals of 04 hours duration.

4. Evaluation and Certificate

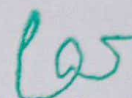
At the end of course the students will be examined in theory and practical and certificates are issued.



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Principal,
S.B. Arts and KCP Science College
VIJAYAPUR



B.L.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE
VIJAYAPUR- 586103.

ACCREDITED AT THE 'A' LEVEL In 3rd Cycle
Phone: (08352) – 261766, (08352) 262770- Extn. 2223, 2224

Fax: 08352 – 261766 E-mail: bldeasbkcp@gmail.com Web: www.bldeasbkcp.org



REF. / ಕ್ರಮಾಂಕ: _____

Date / ದಿನಾಂಕ: 17/12/2018

DEPARTMENT OF BOTANY

VALUE ADDED COURSE

NOTICE

Our Department is conducting "Value Added Course (30 hours duration) on Botanical Micro Technique- Microtomy" for B.Sc Students in Botany during 2018-19. Interested Students give their names to Head of the Department on or before 22/12/2018.

Certificate will be issued to students after completing the value added course from the college.

Head Of The Department

HEAD


Department of Botany
SB Arts & KCP Science College
VIJAYAPUR-586103.

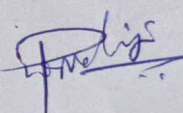
IQAC, Co-ordinator
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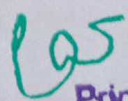
Principal,
S. B. Arts & KCP Sc. Coll-
Bijapur

B.L.D.E Associations
S.B. ARTS & K.C.P SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF BOTANY
SKILL BASED VALUE ADDED COURSE IN BOTANY
BOTANICAL MICRO TECHNIQUES-MICROTOMY 2018-19
List of Faculty

Sl.No	Name of the Faculty
1	Dr.Paramanna D.Needagi
2	Prof.Smt.L.L.Malaghan
3	Shweta N. Pawar
4	Shruti S.Kadam


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Head of the Department
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Principal,
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S B ARTS AND K C P SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF BOTANY
SKILL BASED VALUE ADDED COURSE IN BOTANY
BOTANICAL MICRO TECHNIQUES
MICROTOMY
Students Admission List 2018-19

B.ScII Semester Students

Sl.No	Name of the Students	Roll No.
1	Shubam Kamble	2
2	Soumya Umarani	9
3	Muttappa Jamkhandi	11
4	Laxmi Mutagond	16
5	Rudramma Ghooli	19
6	Bhavani Bagewadi	20
7	Kavya Deshpande	22
8	Mahalaxmi Muchchandi	23
9	Bhuvanakar Rajput	48
10	Aishwarya Madivalar	49
11	Veena Sangalad	51
12	Akash Rathod	58
13	Gururaj Hallad	65
14	Sudharani Kallolli	72
15	Amit Kori	84
16	Pooja Bagalkot	99
17	Tejaswini Biswal	103
18	Akash Hadimani	110
19	Ashok Ajanal	113
20	Chaitra Lamani	119
21	Megha Sanadhani	125
22	Vidya Nagaral	126
23	Sunita Hirolli	131
24	Rani Tavase	135
25	Abhishak Shakadar	148
26	Girish Manur	151
27	Kiran Tarapur	152
28	Anilkumar Martur	156
29	Vinayak Kulkarni	159
30	Preeti Teli	162

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31	Chaitra Aloor	165
32	Vijayalaxmi Jadhav	170
33	Shanmukha Kirsur	171
34	Bindhu Bajantri	181
35	Rinku Patel	183
36	Laxmibai Patil	194
37	Shashikumar Haranal	220
38	Lavanya Godekar	223
39	Nagaraj Muttagi	226
40	Sanganna Karande	231
41	Bhuvaneshwari Choudari	240
42	Channaveer Badiger	241
43	Avinash Patil	252
44	Samarth Atharga	259
45	Nisha Rathod	264
46	Kaveri Tillihal	265
47	Satappa Biradar	266
48	Mallikarjun Budihal	267
49	Kajal Halakude	272
50	Safeeyabegam Mujawar	274

MB

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
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[Signature]

Head of the department

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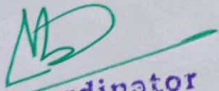
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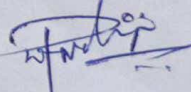
DEPARTMENT OF BOTANY

VALUE ADDED COURSE

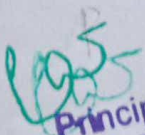
TIME TABLE FOR THE YEAR 2018-19

TIME DAYS	PRACTICAL		THEORY				
	08-00 AM 12-00 PM	11-00 AM 12-00 PM	12-00 PM 01-00 PM	01-00 PM 02-00 PM	02-00 PM 03-00 PM	03-00 PM 04-00 PM	04-00 PM 05-00 PM
Monday						1 Hr	
Tuesday							1Hr
Wednesday							
Thursday							
Friday							
Saturday					1Hr		
Sunday	1 Practical	1Hr					


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DEPARTMENT OF BOTANY
SKILL BASED VALUE ADDED COURSE IN BOTANY

BOTANICAL MICRO TECHNIQUES-MICROTOMY

B.Sc II Semester STUDENTS ATTENDANCE List, 2018-19

Sl.No.	Name of the Student	Roll No.	1/1	5/1	6/1	4/1	11/1	14/1	17/1	2/2	3/2	6/2	13/2	17/2	3/3	11/3	16/3	23/3
1	Shubam Kamble	2	.	abs	abs	.	abs	abs	abs	abs	.	abs	abs	abs	abs	abs	abs	abs
2	Soumya Umarani	9	abs	abs	.	abs	abs	abs	abs	.	abs	abs	abs	abs	abs	abs	abs	abs
3	Muttappa Jamkhandi	11	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
4	Laxmi Mutagond	16	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
5	Rudramma Ghooli	19	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
6	Bhavani Bagewadi	20	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
7	Kavya Deshpande	22	.	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
8	Mahalaxmi Muchchandi	23	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
9	Bhuvanakar Rajput	48	abs	abs	.	abs	abs	abs	abs	.	abs	abs	abs	abs	abs	abs	abs	abs
10	Aishwarya Madivalar	49	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
11	Veena Sangalad	51	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
12	Akash Rathod	58	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
13	Gururaj Hallad	65	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
14	Sudharani Kallolli	72	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
15	Amit Kori	84	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
16	Pooja Bagalkot	99	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
17	Tejaswini Biswal	103	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
18	Akash Hadimani	110	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
19	Ashok Ajanal	113	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
20	Chaitra Lamani	119	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
21	Megha Sanadhani	125	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
22	Vidya Nagaral	126	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
23	Sunita Hirolli	131	.	abs	abs	.	abs	abs	abs	abs	.	abs	abs	abs	abs	abs	abs	abs
24	Rani Tavase	135	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
25	Abhishak Shakadar	148	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs

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DEPARTMENT OF BOTANY
SKILL BASED VALUE ADDED COURSE IN BOTANY
BOTANICAL MICRO TECHNIQUES-MICROTOMY
STUDENTS ATTENDANCE (THEORY) 2016-17

Sl.No	Name of the Student	Roll No.	1/1	5/1	6/1	8/1	10/1	14/1	2/2	3/2	5/2	14/2	17/2	3/3	11/3	16/3	23/3
26	Girish Manur	151	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
27	Kiran Tarapur	152	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
28	Anelkumar Martur	156	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
29	Vinayak Kulkarni	159	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
30	Preeti Tell	162	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
31	Chaitra Aloor	165	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
32	Vijayalaxmi Jadhav	170	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
33	Shanmukha Kirsur	171	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
34	Bindhu Bajantri	181	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
35	Rinku Patel	183	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
36	Laxmibai Patil	194	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
37	Shashikumar Haranal	220	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
38	Lavanya Godekar	223	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
39	Nagaraj Muttagi	226	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
40	Sanganna Karande	231	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
41	Bhuvaneshwari Choudari	240	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
42	Channaveer Badiger	241	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
43	Avinash Patil	252	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
44	Samarth Atharga	259	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
45	Nisha Rathod	264	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
46	Kaveri Tillihal	265	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
47	Satappa Biradar	266	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
48	Mallikarjun Budihal	267	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
49	Kajal Halakude	272	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
50	Safeeyabegam Nujayya	274	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good

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BOTANICAL MICRO TECHNIQUES-MICROTOMY

B.Sc II Semester STUDENTS ATTENDANCE List 2018-19

Sl.No.	Name of the Student	Roll No.	15/1	16/1	20/1	21/1	24/1	14/2	21/2	23/2	24/2	25/2	12/3	16/3	16/3	26/3
1	Shubam Kamble	2	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
2	Soumya Umarani	9	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
3	Muttappa Jamkhandi	11	M	M	M	M	M	M	M	M	M	M	M	M	M	M
4	Laxmi Mutagond	16	L	L	L	L	L	L	L	L	L	L	L	L	L	L
5	Rudramma Ghooli	19	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
6	Bhavani Bagewadi	20	B	B	B	B	B	B	B	B	B	B	B	B	B	B
7	Kavya Deshpande	22	K	K	K	K	K	K	K	K	K	K	K	K	K	K
8	Mahalaxmi Muchchandi	23	M	M	M	M	M	M	M	M	M	M	M	M	M	M
9	Bhuvanakar Rajput	48	B	B	B	B	B	B	B	B	B	B	B	B	B	B
10	Aishwarya Madivalar	49	A	A	A	A	A	A	A	A	A	A	A	A	A	A
11	Veena Sangalad	51	V	V	V	V	V	V	V	V	V	V	V	V	V	V
12	Akash Rathod	58	A	A	A	A	A	A	A	A	A	A	A	A	A	A
13	Gururaj Hallad	65	G	G	G	G	G	G	G	G	G	G	G	G	G	G
14	Sudharani Kallolli	72	S	S	S	S	S	S	S	S	S	S	S	S	S	S
15	Amit Kori	84	A	A	A	A	A	A	A	A	A	A	A	A	A	A
16	Pooja Bagalkot	99	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	Tejaswini Biswal	103	T	T	T	T	T	T	T	T	T	T	T	T	T	T
18	Akash Hadimani	110	A	A	A	A	A	A	A	A	A	A	A	A	A	A
19	Ashok Ajanal	113	A	A	A	A	A	A	A	A	A	A	A	A	A	A
20	Chaitra Lamani	119	C	C	C	C	C	C	C	C	C	C	C	C	C	C
21	Megha Sanadhani	125	M	M	M	M	M	M	M	M	M	M	M	M	M	M
22	Vidya Nagaral	126	V	V	V	V	V	V	V	V	V	V	V	V	V	V
23	Sunita Hirolli	131	S	S	S	S	S	S	S	S	S	S	S	S	S	S
24	Rani Tavase	135	R	R	R	R	R	R	R	R	R	R	R	R	R	R
25	Abhishak Shakadar	148	A	A	A	A	A	A	A	A	A	A	A	A	A	A

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BOTANICAL MICRO TECHNIQUES-MICROTOMY

STUDENTS ATTENDANCE (THEORY) 2018-19

Sl.No	Name of the Student	Roll No.	16/1	17/1	20/1	21/1	24/1	14/2	21/2	28/2	29/2	25/2	17/2	18/2	24/2	26/2	29/2
26	Girish Manur	151	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
27	Kiran Tarapur	152	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
28	Anelkumar Martur	156	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
29	Vinayak Kulkarni	159	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
30	Preeti Teli	162	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
31	Chaitra Aloor	165	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
32	Vijayalaxmi Jadhav	170	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
33	Shanmukha Kirsur	171	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
34	Bindhu Bajantri	181	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
35	Rinku Patel	183	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
36	Laxmibai Patil	194	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
37	Shashikumar Haranal	220	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
38	Lavanya Godekar	223	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
39	Nagaraj Muttagi	226	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
40	Sanganna Karande	231	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
41	Bhuvaneshwari Choudari	240	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
42	Channaveer Badiger	241	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
43	Avinash Patil	252	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
44	Samarth Atharga	259	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
45	Nisha Rathod	264	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
46	Kaveri Tilihal	265	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
47	Satappa Biradar	266	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
48	Mallikarjun Budihal	267	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
49	Kajal Halakude	272	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
50	Safeeyabegam Mujawar	274	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

HEAD
Department of Botany
SB Arts & KCP Science College
VIJAYAPUR-565103

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

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S.B. Arts and KCP Science College
VIJAYAPUR

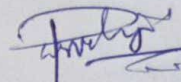
BLDEA'S
S B ARTS AND K C P SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF BOTANY
SKILL BASED VALUE ADDED COURSE IN BOTANY
BOTANICAL MICRO TECHNIQUES-MICROTOMY

B.Sc II Semester Practical Attendance List 2018-19

Sl.No.	Name of the Student	Roll.No.	6/1	20/1	27/1	3/2	24/2	10/3
1	Shubam Kamble	2	SK	SK	SK	SK	SK	SK
2	Soumya Umarani	9	SM	SM	SM	SM	SM	SM
3	Muttappa Jamkhandi	11	MJ	MJ	MJ	MJ	MJ	MJ
4	Laxmi Mutagond	16	LM	LM	LM	LM	LM	LM
5	Rudramma Ghooli	19	RSG	RSG	RSG	RSG	RSG	RSG
6	Bhavani Bagewadi	20	BB	BB	BB	BB	BB	BB
7	Kavya Deshpande	22	KD	KD	KD	KD	KD	KD
8	Mahalaxmi Muchchandi	23	MM	MM	MM	MM	MM	MM
9	Bhuvanakar Rajput	48	BR	BR	BR	BR	BR	BR
10	Aishwarya Madivalar	49	AM	AM	AM	AM	AM	AM
11	Veena Sangalad	51	VS	VS	VS	VS	VS	VS
12	Akash Rathod	58	AR	AR	AR	AR	AR	AR
13	Gururaj Hallad	65	GH	GH	GH	GH	GH	GH
14	Sudharani Kallolli	72	SK	SK	SK	SK	SK	SK
15	Amit Kori	84	AK	AK	AK	AK	AK	AK
16	Pooja Bagalkot	99	PB	PB	PB	PB	PB	PB
17	Tejaswini Biswal	103	TB	TB	TB	TB	TB	TB
18	Akash Hadimani	110	AH	AH	AH	AH	AH	AH
19	Ashok Ajanal	113	AJ	AJ	AJ	AJ	AJ	AJ
20	Chaitra Lamani	119	CL	CL	CL	CL	CL	CL
21	Megha Sanadhani	125	MS	MS	MS	MS	MS	MS
22	Vidya Nagaral	126	VN	VN	VN	VN	VN	VN
23	Sunita Hirolli	131	SH	SH	SH	SH	SH	SH
24	Rani Tavase	135	RT	RT	RT	RT	RT	RT
25	Abhishak Shakadar	148	AS	AS	AS	AS	AS	AS
26	Girish Manur	151	GM	GM	GM	GM	GM	GM
27	Kiran Tarapur	152	KT	KT	KT	KT	KT	KT
28	Anelkumar Martur	156	AM	AM	AM	AM	AM	AM
29	Vinayak Kulkarni	159	VK	VK	VK	VK	VK	VK
30	Preeti Teli	162	PT	PT	PT	PT	PT	PT
31	Chaitra Aloor	165	CA	CA	CA	CA	CA	CA
32	Vijayalaxmi Jadhav	170	VJ	VJ	VJ	VJ	VJ	VJ
33	Shanmukha Kirsur	171	SK	SK	SK	SK	SK	SK
34	Bindhu Bajantri	181	BB	BB	BB	BB	BB	BB
35	Rinku Patel	183	RP	RP	RP	RP	RP	RP

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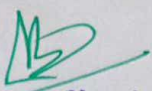
36	Laxmibai Patil	194	Pass	Pass	Pass	Pass	Pass	Pass
37	Shashikumar Haranal	220	Pass	Pass	Pass	Pass	Pass	Pass
38	Lavanya Godekar	223	Pass	Pass	Pass	Pass	Pass	Pass
39	Nagaraj Muttagi	226	Pass	Pass	Pass	Pass	Pass	Pass
40	Sanganna Karande	231	Second	Second	Second	Second	Second	Second
41	Bhuvaneshwari Choudari	240	Pass	Pass	Pass	Pass	Pass	Pass
42	Channaveer Badiger	241	Pass	Pass	Pass	Pass	Pass	Pass
43	Avinash Patil	252	Pass	Pass	Pass	Pass	Pass	Pass
44	Samarth Atharga	259	Pass	Pass	Pass	Pass	Pass	Pass
45	Nisha Rathod	264	Pass	Pass	Pass	Pass	Pass	Pass
46	Kaveri Tillihal	265	Pass	Pass	Pass	Pass	Pass	Pass
47	Satappa Biradar	266	Pass	Pass	Pass	Pass	Pass	Pass
48	Mallikarjun Budihal	267	Pass	Pass	Pass	Pass	Pass	Pass
49	Kajal Halakude	272	Pass	Pass	Pass	Pass	Pass	Pass
50	Safeeyabegam Mujawar	274	Pass	Pass	Pass	Pass	Pass	Pass



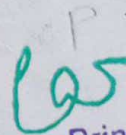
Head of the Department

HEAD

Department of Botany
SB Arts & KCP Science College
VIJAYAPUR-586103.


IQAC, Co-ordinator

S.B.Arts & K.C.P.Science College,
Vijayapur.



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DEPARTMENT OF BOTANY
VALUE ADDED COURSE Examination 2018-19

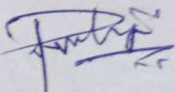
Date: 19/03/2019

Notice

The value added course theory and Practical Examinations will be conducted on the below dates. All the students attend both the Exams without fail.

	Date	Time
Theory	26-3-2019	2 pm to 5.00 pm
Practical	28-3-2019	2 pm to 6.00 pm


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BLDEA'S
S.B ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR.
DEPARTMENT OF BOTANY

Skill Based Value Added Course Theory Examination 2018-19

BOTANICAL MICRO TECHNIQUE- MICROTOMY.

Date: 26/03/2019

Max.Marks: 100

Time:

Duration: 3 Hours

Q.NO.I. Answer any **FIVE** of the following. (5X4=20)

- | | | |
|-----------------|---------------------|---------------|
| 1. Maceration | 2. Rotary microtome | 3. Resolution |
| 4. Infiltration | 5. Embedding | 6. Stains |

Q.NO.II. Answer any **FOUR** of the following. (4X10=40)

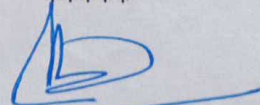
7. Give a brief account on dehydrating agents.
8. Write notes on Embedding.
9. Name two natural dyes and their source.
10. Briefly describe the working of sledge microtome.
11. What are the principles involved in Staining.

Q.NO.III. Answer any **TWO** of the following. (2X20=40)

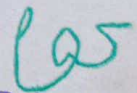
12. State the reasons for the formation of a curved ribbon.
13. Write an account on fixation.
14. Explain the working principle of a compound microscope.


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S B ARTS AND K C P SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF BOTANY
SKILL BASED VALUE ADDED COURSE IN BOTANY
**BOTANICAL MICRO TECHNIQUES-
MICROTOMY**

B.Sc II Semester Theory Exam Attendance List 2018-19

Sl.No.	Name of the Student	Roll No.	Signature
1	Shubam Kamble	2	<i>shubham</i>
2	Soumya Umarani	9	<i>Soumya</i>
3	Muttappa Jamkhandi	11	<i>Muttappa</i>
4	Laxmi Mutagond	16	<i>Laxmi</i>
5	Rudramma Ghooli	19	<i>Rudramma</i>
6	Bhavani Bagewadi	20	<i>Bhavani</i>
7	Kavya Deshpande	22	<i>Kavya</i>
8	Mahalaxmi Muchchandi	23	<i>Mahalaxmi</i>
9	Bhuvanakar Rajput	48	<i>Bhuvanakar</i>
10	Aishwary Madivalar	49	<i>Aishwary</i>
11	Veena Sangalad	51	<i>Veena</i>
12	Akash Rathod	58	<i>Akash</i>
13	Gururaj Hallad	65	<i>Gururaj</i>
14	Sudharani Kallolli	72	<i>Sudharani</i>
15	Amit Kori	84	<i>Amit</i>
16	Pooja Bagalkot	99	<i>Pooja</i>
17	Tejaswini Biswal	103	<i>Tejaswini</i>
18	Akash Hadimani	110	<i>Akash</i>
19	Ashok Ajanal	113	<i>Ashok</i>
20	Chaitra Lamani	119	<i>Chaitra</i>
21	Megha Sanadhani	125	<i>Megha</i>
22	Vidya Nagaral	126	<i>Vidya</i>
23	Sunita Hirolli	131	<i>Sunita</i>
24	Rani Tavase	135	<i>Rani</i>
25	Abhishak Shakadar	148	<i>Abhishak</i>
26	Girish Manur	151	<i>Girish</i>
27	Kiran Tarapur	152	<i>Kiran</i>
28	Anelkumar Martur	156	<i>Anelkumar</i>
29	Vinayak Kulkarni	159	<i>Vinayak</i>
30	Preeti Teli	162	<i>Preeti</i>
31	Chaitra Aloor	165	<i>Chaitra</i>
32	Vijayalaxmi Jadhav	170	<i>Vijayalaxmi</i>

Continued...

33	Shanmukha Kirsur	171	<i>Shank</i>
34	Bindhu Bajantri	181	<i>Bzeta</i>
35	Rinku Patel	183	<i>Rinku</i>
36	Laxmibai Patil	194	<i>Laxmi</i>
37	Shashikumar Haranal	220	<i>Shash</i>
38	Lavanya Godekar	223	<i>Eng</i>
39	Nagaraj Muttagi	226	<i>Ana</i>
40	Sanganna Karande	231	<i>Sant</i>
41	Bhuvaneshwari Choudari	240	<i>GMB</i>
42	Channaveer Badiger	241	<i>Chann</i>
43	Avinash Patil	252	<i>Avash</i>
44	Samarth Atharga	259	<i>Sarth</i>
45	Nisha Rathod	264	<i>NMR</i>
46	Kaveri Tillihal	265	<i>Kaveri</i>
47	Satappa Biradar	266	<i>Satappa</i>
48	Mallikarjun Budihal	267	<i>Mallik</i>
49	Kajal Halakude	272	<i>Kajal</i>
50	Safeeyabegam Mujawar	274	<i>Safeeya</i>

Las

Principal,
S.B. Arts and KCP Science College
VIJAYAPUR

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IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

Freehaji

Head of the Department
Department of Botany
SB Arts & KCP Science College
VIJAYAPUR-586103.

BLDEA'S
S.B ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR.
DEPARTMENT OF BOTANY

Skill Based Value Added Course Practical Examination 2018-19

BOTANICAL MICRO TECHNIQUE- MICROTOMY.

Date: 28/3/19
Max.Marks: 50

Time:
Duration: 4 Hours

Q.NO. I. MAKE A DOUBLE STAINING OF THE GIVEN PARAFFIN SLIDE

OF SPECIMEN "A".

25 MARKS

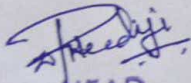
Q.NO.II. IDENTIFY AND COMMENT ON THE MATERIALS "B & C"


10 MARKS

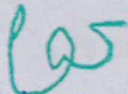
Q.NO.III. TAKE A SECTION AND PREPARE A PARAFFIN RIBBON

OF SPECIMEN "D" MOUNT IT ON A SLIDE.

15 MARKS


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S B ARTS AND K C P SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF BOTANY
SKILL BASED VALUE ADDED COURSE IN BOTANY
**BOTANICAL MICRO TECHNIQUES-
MICROTOMY**

B.Sc II Semester Practical Exam Attendance List 2018-19

Sl.No.	Name of the Student	Roll No.	Signature
1	Shubam Kamble	2	<i>Shubam</i>
2	Soumya Umarani	9	<i>Soumya</i>
3	Muttappa Jamkhandi	11	<i>Muttappa</i>
4	Laxmi Mutagond	16	<i>Laxmi</i>
5	Rudramma Ghooli	19	<i>R. & G.</i>
6	Bhavani Bagewadi	20	<i>B. & B.</i>
7	Kavya Deshpande	22	<i>Kavya</i>
8	Mahalaxmi Muchchandi	23	<i>M. & M.</i>
9	Bhuvanakar Rajput	48	<i>B.</i>
10	Aishwary Madivalar	49	<i>A. & M.</i>
11	Veena Sangalad	51	<i>V.</i>
12	Akash Rathod	58	<i>A.</i>
13	Gururaj Hallad	65	<i>G.</i>
14	Sudharani Kallolli	72	<i>S.</i>
15	Amit Kori	84	<i>A.</i>
16	Pooja Bagalkot	99	<i>P.</i>
17	Tejaswini Biswal	103	<i>T. & B.</i>
18	Akash Hadimani	110	<i>A.</i>
19	Ashok Ajanal	113	<i>A.</i>
20	Chaitra Lamani	119	<i>C.</i>
21	Megha Sanadhani	125	<i>M.</i>
22	Vidya Nagaral	126	<i>V.</i>
23	Sunita Hirolli	131	<i>S.</i>
24	Rani Tavase	135	<i>R.</i>
25	Abhishak Shakadar	148	<i>A.</i>
26	Girish Manur	151	<i>G.</i>
27	Kiran Tarapur	152	<i>K.</i>
28	Anelkumar Martur	156	<i>A.</i>
29	Vinayak Kulkarni	159	<i>V.</i>
30	Preeti Teli	162	<i>P.</i>
31	Chaitra Aloor	165	<i>C.</i>
32	Vijayalaxmi Jadhav	170	<i>V.</i>

Continued....

33	Shanmukha Kirsur	171	<i>Shanmukha</i>
34	Bindhu Bajantri	181	<i>Bindhu</i>
35	Rinku Patel	183	<i>Rinku</i>
36	Laxmibai Patil	194	<i>Laxmibai</i>
37	Shashikumar Haranal	220	<i>Shashikumar</i>
38	Lavanya Godekar	223	<i>Lavanya</i>
39	Nagaraj Muttagi	226	<i>Nagaraj</i>
40	Sanganna Karande	231	<i>Sanganna</i>
41	Bhuvaneshwari Choudari	240	<i>Bhuvaneshwari</i>
42	Channaveer Badiger	241	<i>Channaveer</i>
43	Avinash Patil	252	<i>Avinash</i>
44	Samarth Atharga	259	<i>Samarth</i>
45	Nisha Rathod	264	<i>Nisha</i>
46	Kaveri Tillihal	265	<i>Kaveri</i>
47	Satappa Biradar	266	<i>Satappa</i>
48	Mallikarjun Budihal	267	<i>Mallikarjun</i>
49	Kajal Halakude	272	<i>Kajal</i>
50	Safeeyabegam Mujawar	274	<i>Safeeyabegam</i>

105

Principal,

S.B. Arts and KCP Science College
VIJAYAPUR

Pradiya

Head of the Department

HEAD

Department of Botany
SB Arts & KCP Science College
VIJAYAPUR-586103.

[Signature]

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S.B.Arts & K.C.P.Science College,
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DEPARTMENT OF BOTANY
SKILL BASED VALUE ADDED COURSE IN BOTANY
BOTANICAL MICRO TECHNIQUES-MICROTOMY

B.ScII Semester STUDENTS MARKS List 2018 -2019

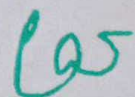
Sl.No.	Name of the Student	Roll No.	Theory (100)	Practical (50)	Total(150)
1	Shubam Kamble	2	85	48	133
2	Soumya Umarani	9	70	45	115
3	Muttappa Jamkhandi	11	80	45	125
4	Laxmi Mutagond	16	85	40	125
5	Rudramma Ghooli	19	80	45	125
6	Bhavani Bagewadi	20	75	40	115
7	Kavya Deshpande	22	70	45	115
8	Mahalaxmi Muchchandi	23	78	45	123
9	Bhuvanakar Rajput	48	80	40	120
10	Aishwary Madivalar	49	85	45	130
11	Veena Sangalad	51	80	40	120
12	Akash Rathod	58	80	40	120
13	Gururaj Hallad	65	65	40	105
14	Sudharani Kallolli	72	65	40	105
15	Amit Kori	84	88	40	128
16	Pooja Bagalkot	99	75	40	115
17	Tejaswini Biswal	103	70	40	110
18	Akash Hadimani	110	80	42	122
19	Ashok Ajanal	113	85	45	130
20	Chaitra Lamani	119	80	46	126
21	Megha Sanadhani	125	85	45	130
22	Vidya Nagaral	126	88	40	128
23	Sunita Hirolli	131	80	42	122
24	Rani Tavase	135	85	43	128
25	Abhishak Shakadar	148	89	40	129
26	Girish Manur	151	80	40	120
27	Kiran Tarapur	152	82	42	124
28	Anelkumar Martur	156	84	45	129
29	Vinayak Kulkarni	159	90	40	130
30	Preeti Teli	162	92	42	134
31	Chaitra Aloor	165	90	40	130


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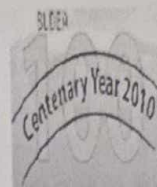


B.L.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE
VIJAYAPUR- 586103.

ACCREDITED AT THE 'A' LEVEL In 3rd Cycle

Phone: (08352) – 261766, (08352) 262770- Extn. 2223, 2224

Fax: 08352 – 261766 E-mail: bldeasbkcp@gmail.com Web: www.bldeasbkcp.org



Date : 12 /04/2019

DEPARTMENT OF BOTANY

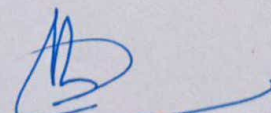
VALUE ADDED COURSE

Report

on

course outcome

The Value Added Course –Microtomy helpful the students for taking very thin sections of various Botanical specimens like root, stem, flowers, ovule structure etc. This course will help the students in plant anatomical studies as per the syllabus. It gives enormous knowledge in making the slides permanent. It will also enhance the skill in making slides permanent. After the course students can establish self business. This training course focuses on all-round development of the students to face competitive world.


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Department of Botany
-SB Arts & KCP Science College
VIJAYAPUR-586103.



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S.B. ARTS & K.C.P. SCIENCE COLLEGE, VIJAYAPUR

(Re-Accredited by NACC at 'A' Level in 3rd Cycle)

Internal Quality Assurance Cell Initiative



VALUE ADDED COURSE

Certificate

This is to certify that Mr./Ms. Nisha - Rathod

has Completed the Value Added Course on Botanical microtechnique - Microtomy

Conducted by the Department of Botany during the

Year 2018-19

Head of the Department

IQAC, Co-ordinator

S.B.Arts & K.C.P.Science College,
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Co-Ordinator, IQAC

Principal,

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Principal



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Internal Quality Assurance Cell Initiative



VALUE ADDED COURSE

Certificate

This is to certify that Mr./Ms. Vijaylaxmi Jadhav.
has Completed the Value Added Course on Botanical microtechnique - Microtomy
Conducted by the Department of Botany during the
Year 2018-2019

Head of the Department

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
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Principal,
S.B. Arts and KCP Science College
VIJAYAPUR
Principal



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Internal Quality Assurance Cell Initiative

VALUE ADDED COURSE

Certificate

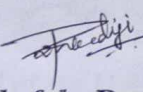


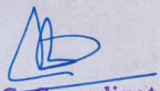
This is to certify that Mr./Ms. Kajal - Halakude

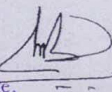
has Completed the Value Added Course on Botanical microtechnique microtomy

Conducted by the Department of Botany during the

Year 2018-19


Head of the Department


IQAC, Co-ordinator
S.B. Arts & K.C.P. Science College,
Vijayapur, **Co-Ordinator, IQAC**


Principal,
S.B. Arts and KCP Science College
VIJAYAPUR **Principal**



B. L. D. E. Association's

S.B. ARTS & K.C.P. SCIENCE COLLEGE, VIJAYAPUR

(Re-Accredited by NACC at 'A' Level in 3rd Cycle)

Internal Quality Assurance Cell Initiative

VALUE ADDED COURSE

Certificate



This is to certify that Mr./Ms. _____

Chaitora Alvar

has Completed the Value Added Course on _____

Botanical. micro technique - Microbiology

Conducted by the Department of _____

Botany

during the

Year _____

2018-19

Head of the Department

IQAC, Co-ordinator

S.B.Arts & K.C.P.Science College,

Vijayapur. **Co-Ordinator, IQAC**

Principal,

S.B. Arts and KCP Science College
VIJAYAPUR

Principal