

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)-I  
BOTANICAL MICROTECHNIQUE- MICROTOMY  
(Sub Code: SBKCPBOT 01)

SYLLABUS

*P. Reddy*  
HEAD  
Department of Botany  
SB Arts & KCP Science College  
VIJAYAPUR-586103.

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

*[Signature]*  
Principal,  
S.B.Arts & K.C.P. Science College,  
BIJAPUR.

## SKILL BASED VALUE ADDED COURSE IN BOTANY

### 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

Continued...

## 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

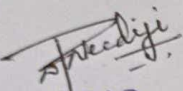
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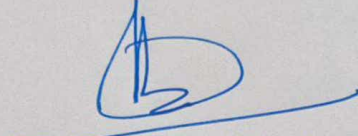
### 3. Duration of the course (Teaching: 30 hrs, Practical: 06 (04 hrs each)

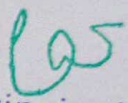
The course will be of 30 hours theory teaching and 06 practicals of 04 hours duration.

### 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 3<sup>rd</sup> Cycle  
Phone: (08352) - 261766, (08352) 262770- Extn. 2223, 2224  
Fax: 08352 - 261766 E-mail: [bldeasbkcp@gmail.com](mailto:bldeasbkcp@gmail.com) Web: [www.bldeasbkcp.org](http://www.bldeasbkcp.org)



REF. / ಕ್ರಮಾಂಕ: \_\_\_\_\_

Date / ದಿನಾಂಕ: 4 / 07 / 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 11/07/2018.

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

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

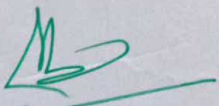
Head Of The Department

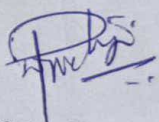
**HEAD**  
Department of Botany  
SB Arts & KCP Science College  
VIJAYAPUR-586103.

**Principal,**  
S. B. Arts & KCP Sc. College,  
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         |

  
**IQAC, Co-ordinator**  
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Head of the Department

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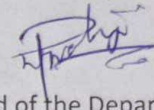
  
Principal,  
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DEPARTMENT OF BOTANY  
SKILL BASED VALUE ADDED COURSE IN BOTANY  
**BOTANICAL MICRO TECHNIQUES- MICROTOMY**  
Students Admission List 2018-19  
B.Sc I Semester Students

| Sl. No. | Name of the Student   | Roll No. |
|---------|-----------------------|----------|
| 1       | Purnima Jambagi       | 32       |
| 2       | Sneha Muchandi        | 33       |
| 3       | Asharani Mole         | 38       |
| 4       | Kaveri Thakkannavar   | 40       |
| 5       | Komal Lonari          | 70       |
| 6       | Annaraya patil        | 71       |
| 7       | Bhagyashree Hattalli  | 75       |
| 8       | Dundappa Biradar      | 123      |
| 9       | Jayshree Bhosagi      | 160      |
| 10      | Sushmita Biradar      | 169      |
| 11      | Vijaylaxmi Jadhav     | 170      |
| 12      | Bhagyashree Kolakar   | 205      |
| 13      | Pavitra Dalawal       | 208      |
| 14      | Prema Yaranal         | 210      |
| 15      | Pavitra               | 211      |
| 16      | Priyanka savant       | 212      |
| 17      | Priyanka Chavan       | 215      |
| 18      | Laxmi Takkalaki       | 217      |
| 19      | Mallangowda Patila    | 224      |
| 20      | Siddarth patil        | 243      |
| 21      | Pragati Nandur        | 255      |
| 22      | Reshma pawar          | 256      |
| 23      | Shridhar Balawat      | 258      |
| 24      | Shrishail Dhavalagi   | 260      |
| 25      | Mallikarjun Budihal   | 267      |
| 26      | Chaitra adaki         | 283      |
| 27      | Vidyaraani Laalasangi | 288      |
| 28      | Pooja Naik            | 289      |
| 29      | Basamma maddarki      | 292      |
| 30      | Chaitra Herakal       | 304      |
| 31      | Bhagyashree karenni   | 308      |
| 32      | Akshta Limakar        | 316      |
| 33      | Sunanada Biradar      | 321      |
| 34      | Ishwar                | 338      |
| 35      | Vijaykumar Pujari     | 344      |
| 36      | Asmita pangudwale     | 352      |
| 37      | Siddhamma Hirolli     | 359      |
| 38      | Najma Kudalagi        | 371      |
| 39      | Ganesh Reddi          | 417      |
| 40      | Reshma Tarse          | 425      |


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|    |                       |     |
|----|-----------------------|-----|
| 41 | Maruti Rathod         | 455 |
| 42 | Amit Jadhav           | 476 |
| 43 | Akshata Bhushetti     | 485 |
| 44 | Sudharani sanadi      | 493 |
| 45 | Shrinivas Koulagi     | 496 |
| 46 | Basavraj Pujari       | 511 |
| 47 | Pooja Munjanni        | 523 |
| 48 | Shreelaxmi Kamashetty | 524 |
| 49 | Akshata Biradar       | 526 |
| 50 | Sahila Pattar         | 534 |



Head of the Department

HEAD  
Department of Botany  
SB Arts & KCP Science College  
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**IQAC, Co-ordinator**  
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Vijayapur.

P  
Principal,  
S. B. Arts & KCP Sc. College,  
S. B. Arts & KCP Sc. College,  
Bijapur



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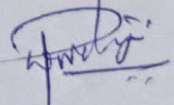
DEPARTMENT OF BOTANY

VALUE ADDED COURSE

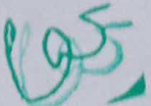
TIME TABLE FOR THE YEAR 2018-19

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

  
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Head Of The department

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**BOTANICAL MICRO TECHNIQUES-MICROTOMY**

B.Sc I Semester STUDENTS ATTENDANCE (Theory) 2018-19

| Sl.No. | Name of the Student  | Roll No. | 2/7 | 4/7 | 8/7 | 10/7 | 16/7 | 20/7 | 23/7 | 6/7 | 12/7 | 20/7 | 26/7 | 28/7 | 31/7 | 2/8 | 3/8 |
|--------|----------------------|----------|-----|-----|-----|------|------|------|------|-----|------|------|------|------|------|-----|-----|
| 1      | Purnima Jambagi      | 32       | PJ  | PJ  | PJ  | PJ   | PJ   | PJ   | PJ   | PJ  | PJ   | PJ   | PJ   | PJ   | PJ   | PJ  | PJ  |
| 2      | Sneha Muchandi       | 33       | SM  | SM  | SM  | SM   | SM   | SM   | SM   | SM  | SM   | SM   | SM   | SM   | SM   | SM  | SM  |
| 3      | Asharani Mole        | 38       | AM  | AM  | AM  | AM   | AM   | AM   | AM   | AM  | AM   | AM   | AM   | AM   | AM   | AM  | AM  |
| 4      | Kaveri Thakkannavar  | 40       | KT  | KT  | KT  | KT   | KT   | KT   | KT   | KT  | KT   | KT   | KT   | KT   | KT   | KT  | KT  |
| 5      | Komal lonari         | 70       | KL  | KL  | KL  | KL   | KL   | KL   | KL   | KL  | KL   | KL   | KL   | KL   | KL   | KL  | KL  |
| 6      | Annaraya patil       | 71       | AP  | AP  | AP  | AP   | AP   | AP   | AP   | AP  | AP   | AP   | AP   | AP   | AP   | AP  | AP  |
| 7      | Bhagyashree Hattalli | 75       | HB  | HB  | HB  | HB   | HB   | HB   | HB   | HB  | HB   | HB   | HB   | HB   | HB   | HB  | HB  |
| 8      | Dundappa Biradar     | 123      | DB  | DB  | DB  | DB   | DB   | DB   | DB   | DB  | DB   | DB   | DB   | DB   | DB   | DB  | DB  |
| 9      | Jayshree Bhosagi     | 160      | JB  | JB  | JB  | JB   | JB   | JB   | JB   | JB  | JB   | JB   | JB   | JB   | JB   | JB  | JB  |
| 10     | Sushmita Biradar     | 169      | SB  | SB  | SB  | SB   | SB   | SB   | SB   | SB  | SB   | SB   | SB   | SB   | SB   | SB  | SB  |
| 11     | Vijaylaxmi Jadhav    | 170      | VJ  | VJ  | VJ  | VJ   | VJ   | VJ   | VJ   | VJ  | VJ   | VJ   | VJ   | VJ   | VJ   | VJ  | VJ  |
| 12     | Bhagyashree Kolakar  | 205      | BK  | BK  | BK  | BK   | BK   | BK   | BK   | BK  | BK   | BK   | BK   | BK   | BK   | BK  | BK  |
| 13     | Pavitra Dalawal      | 208      | DL  | DL  | DL  | DL   | DL   | DL   | DL   | DL  | DL   | DL   | DL   | DL   | DL   | DL  | DL  |
| 14     | Prema Yaranal        | 210      | PY  | PY  | PY  | PY   | PY   | PY   | PY   | PY  | PY   | PY   | PY   | PY   | PY   | PY  | PY  |
| 15     | Pavitra              | 211      | PA  | PA  | PA  | PA   | PA   | PA   | PA   | PA  | PA   | PA   | PA   | PA   | PA   | PA  | PA  |
| 16     | Priyanka savant      | 212      | PS  | PS  | PS  | PS   | PS   | PS   | PS   | PS  | PS   | PS   | PS   | PS   | PS   | PS  | PS  |
| 17     | Priyanka Chavan      | 215      | PC  | PC  | PC  | PC   | PC   | PC   | PC   | PC  | PC   | PC   | PC   | PC   | PC   | PC  | PC  |
| 18     | Laxmi Takkalaki      | 217      | LT  | LT  | LT  | LT   | LT   | LT   | LT   | LT  | LT   | LT   | LT   | LT   | LT   | LT  | LT  |
| 19     | Mallangowda Patila   | 224      | MP  | MP  | MP  | MP   | MP   | MP   | MP   | MP  | MP   | MP   | MP   | MP   | MP   | MP  | MP  |
| 20     | Siddarth patil       | 243      | SP  | SP  | SP  | SP   | SP   | SP   | SP   | SP  | SP   | SP   | SP   | SP   | SP   | SP  | SP  |
| 21     | Pragati Nandur       | 255      | SN  | SN  | SN  | SN   | SN   | SN   | SN   | SN  | SN   | SN   | SN   | SN   | SN   | SN  | SN  |
| 22     | Reshma pawar         | 256      | RP  | RP  | RP  | RP   | RP   | RP   | RP   | RP  | RP   | RP   | RP   | RP   | RP   | RP  | RP  |
| 23     | Shridhar Balawat     | 258      | SB  | SB  | SB  | SB   | SB   | SB   | SB   | SB  | SB   | SB   | SB   | SB   | SB   | SB  | SB  |
| 24     | Shrishail Dhavalagi  | 260      | SD  | SD  | SD  | SD   | SD   | SD   | SD   | SD  | SD   | SD   | SD   | SD   | SD   | SD  | SD  |
| 25     | Mallikarjun Budihal  | 267      | MB  | MB  | MB  | MB   | MB   | MB   | MB   | MB  | MB   | MB   | MB   | MB   | MB   | MB  | MB  |

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**BOTANICAL MICRO TECHNIQUES-MICROTOMY**

B.Sc I Semester STUDENTS ATTENDANCE (Theory) 2018-19

| Sl.No. | Name of the Student | Roll No. | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 | 13/11 | 14/11 | 15/11 | 16/11 | 17/11 | 18/11 | 19/11 | 20/11 | 21/11 | 22/11 | 23/11 | 24/11 | 25/11 |    |
|--------|---------------------|----------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 1      | Purnima Jambagi     | 32       | PJ   | PJ   | PJ   | PJ   | PJ   | PJ   | PJ   | PJ   | PJ   | PJ    | PJ    | PJ    | PJ    | PJ    | PJ    | PJ    | PJ    | PJ    | PJ    | PJ    | PJ    | PJ    | PJ    | PJ    | PJ    | PJ |
| 2      | Sneha Muchandi      | 33       | SM   | SM   | SM   | SM   | SM   | SM   | SM   | SM   | SM   | SM    | SM    | SM    | SM    | SM    | SM    | SM    | SM    | SM    | SM    | SM    | SM    | SM    | SM    | SM    | SM    | SM |
| 3      | Asharani Mole       | 38       | AM   | AM   | AM   | AM   | AM   | AM   | AM   | AM   | AM   | AM    | AM    | AM    | AM    | AM    | AM    | AM    | AM    | AM    | AM    | AM    | AM    | AM    | AM    | AM    | AM    | AM |
| 4      | Kaveri Thakkannavar | 40       | KT   | KT   | KT   | KT   | KT   | KT   | KT   | KT   | KT   | KT    | KT    | KT    | KT    | KT    | KT    | KT    | KT    | KT    | KT    | KT    | KT    | KT    | KT    | KT    | KT    | KT |
| 5      | Komal Ionari        | 70       | KI   | KI   | KI   | KI   | KI   | KI   | KI   | KI   | KI   | KI    | KI    | KI    | KI    | KI    | KI    | KI    | KI    | KI    | KI    | KI    | KI    | KI    | KI    | KI    | KI    | KI |
| 6      | Annaraya patil      | 71       | AP   | AP   | AP   | AP   | AP   | AP   | AP   | AP   | AP   | AP    | AP    | AP    | AP    | AP    | AP    | AP    | AP    | AP    | AP    | AP    | AP    | AP    | AP    | AP    | AP    | AP |
| 7      | Bhagyashree Hattali | 75       | BH   | BH   | BH   | BH   | BH   | BH   | BH   | BH   | BH   | BH    | BH    | BH    | BH    | BH    | BH    | BH    | BH    | BH    | BH    | BH    | BH    | BH    | BH    | BH    | BH    | BH |
| 8      | Dundappa Biradar    | 123      | DB   | DB   | DB   | DB   | DB   | DB   | DB   | DB   | DB   | DB    | DB    | DB    | DB    | DB    | DB    | DB    | DB    | DB    | DB    | DB    | DB    | DB    | DB    | DB    | DB    | DB |
| 9      | Jayshree Bhosagi    | 160      | JB   | JB   | JB   | JB   | JB   | JB   | JB   | JB   | JB   | JB    | JB    | JB    | JB    | JB    | JB    | JB    | JB    | JB    | JB    | JB    | JB    | JB    | JB    | JB    | JB    | JB |
| 10     | Sushmita Biradar    | 169      | SB   | SB   | SB   | SB   | SB   | SB   | SB   | SB   | SB   | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB |
| 11     | Vijaylaxmi Jadhav   | 170      | VJ   | VJ   | VJ   | VJ   | VJ   | VJ   | VJ   | VJ   | VJ   | VJ    | VJ    | VJ    | VJ    | VJ    | VJ    | VJ    | VJ    | VJ    | VJ    | VJ    | VJ    | VJ    | VJ    | VJ    | VJ    | VJ |
| 12     | Bhagyashree Kolakar | 205      | BK   | BK   | BK   | BK   | BK   | BK   | BK   | BK   | BK   | BK    | BK    | BK    | BK    | BK    | BK    | BK    | BK    | BK    | BK    | BK    | BK    | BK    | BK    | BK    | BK    | BK |
| 13     | Pavitra Dalawal     | 208      | PD   | PD   | PD   | PD   | PD   | PD   | PD   | PD   | PD   | PD    | PD    | PD    | PD    | PD    | PD    | PD    | PD    | PD    | PD    | PD    | PD    | PD    | PD    | PD    | PD    | PD |
| 14     | Prema Yaranal       | 210      | PY   | PY   | PY   | PY   | PY   | PY   | PY   | PY   | PY   | PY    | PY    | PY    | PY    | PY    | PY    | PY    | PY    | PY    | PY    | PY    | PY    | PY    | PY    | PY    | PY    | PY |
| 15     | Pavitra             | 211      | PV   | PV   | PV   | PV   | PV   | PV   | PV   | PV   | PV   | PV    | PV    | PV    | PV    | PV    | PV    | PV    | PV    | PV    | PV    | PV    | PV    | PV    | PV    | PV    | PV    | PV |
| 16     | Priyanka savant     | 212      | PS   | PS   | PS   | PS   | PS   | PS   | PS   | PS   | PS   | PS    | PS    | PS    | PS    | PS    | PS    | PS    | PS    | PS    | PS    | PS    | PS    | PS    | PS    | PS    | PS    | PS |
| 17     | Priyanka Chavan     | 215      | PC   | PC   | PC   | PC   | PC   | PC   | PC   | PC   | PC   | PC    | PC    | PC    | PC    | PC    | PC    | PC    | PC    | PC    | PC    | PC    | PC    | PC    | PC    | PC    | PC    | PC |
| 18     | Laxmi Takkalaki     | 217      | LT   | LT   | LT   | LT   | LT   | LT   | LT   | LT   | LT   | LT    | LT    | LT    | LT    | LT    | LT    | LT    | LT    | LT    | LT    | LT    | LT    | LT    | LT    | LT    | LT    | LT |
| 19     | Mallangowda Patila  | 224      | MP   | MP   | MP   | MP   | MP   | MP   | MP   | MP   | MP   | MP    | MP    | MP    | MP    | MP    | MP    | MP    | MP    | MP    | MP    | MP    | MP    | MP    | MP    | MP    | MP    | MP |
| 20     | Siddarth patil      | 243      | SP   | SP   | SP   | SP   | SP   | SP   | SP   | SP   | SP   | SP    | SP    | SP    | SP    | SP    | SP    | SP    | SP    | SP    | SP    | SP    | SP    | SP    | SP    | SP    | SP    | SP |
| 21     | Pragati Nandur      | 255      | PN   | PN   | PN   | PN   | PN   | PN   | PN   | PN   | PN   | PN    | PN    | PN    | PN    | PN    | PN    | PN    | PN    | PN    | PN    | PN    | PN    | PN    | PN    | PN    | PN    | PN |
| 22     | Reshma pawar        | 256      | RP   | RP   | RP   | RP   | RP   | RP   | RP   | RP   | RP   | RP    | RP    | RP    | RP    | RP    | RP    | RP    | RP    | RP    | RP    | RP    | RP    | RP    | RP    | RP    | RP    | RP |
| 23     | Shridhar Balawat    | 258      | SB   | SB   | SB   | SB   | SB   | SB   | SB   | SB   | SB   | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB    | SB |
| 24     | Shrishail Dhavalagi | 260      | SD   | SD   | SD   | SD   | SD   | SD   | SD   | SD   | SD   | SD    | SD    | SD    | SD    | SD    | SD    | SD    | SD    | SD    | SD    | SD    | SD    | SD    | SD    | SD    | SD    | SD |
| 25     | Mallikarjun Budihal | 267      | MB   | MB   | MB   | MB   | MB   | MB   | MB   | MB   | MB   | MB    | MB    | MB    | MB    | MB    | MB    | MB    | MB    | MB    | MB    | MB    | MB    | MB    | MB    | MB    | MB    | MB |

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DEPARTMENT OF BOTANY  
SKILL BASED VALUE ADDED COURSE IN BOTANY  
**BOTANICAL MICRO TECHNIQUES-MICROTOMY**

B.Sc. I Semester STUDENTS ATTENDANCE (THEORY) 2018-19

| Sl.No | Name of the Student   | Roll No. | 2/3    | 3/3    | 4/3    | 5/3    | 6/3    | 7/3    | 8/3    | 9/3    | 10/3   | 11/3   | 12/3   | 13/3   | 14/3   | 15/3   | 16/3   | 17/3   | 18/3   | 19/3   | 20/3   |
|-------|-----------------------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 26    | Chaitra adaki         | 283      | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   |
| 27    | Vidyaarani Laalasangi | 288      | VC     | VC     | VC     | VC     | VC     | VC     | VC     | VC     | VC     | VC     | VC     | VC     | VC     | VC     | VC     | VC     | VC     | VC     | VC     |
| 28    | Pooja Naik            | 289      | PNV    | PNV    | PNV    | PNV    | PNV    | PNV    | PNV    | PNV    | PNV    | PNV    | PNV    | PNV    | PNV    | PNV    | PNV    | PNV    | PNV    | PNV    | PNV    |
| 29    | Basamma maddarki      | 292      | Bas    | Bas    | Bas    | Bas    | Bas    | Bas    | Bas    | Bas    | Bas    | Bas    | Bas    | Bas    | Bas    | Bas    | Bas    | Bas    | Bas    | Bas    | Bas    |
| 30    | Chaitra Herakal       | 304      | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   |
| 31    | Bhagyashree karenni   | 308      | Bhag   | Bhag   | Bhag   | Bhag   | Bhag   | Bhag   | Bhag   | Bhag   | Bhag   | Bhag   | Bhag   | Bhag   | Bhag   | Bhag   | Bhag   | Bhag   | Bhag   | Bhag   | Bhag   |
| 32    | Akshata Limakar       | 316      | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   |
| 33    | Sunanada Biradar      | 321      | SB     | SB     | SB     | SB     | SB     | SB     | SB     | SB     | SB     | SB     | SB     | SB     | SB     | SB     | SB     | SB     | SB     | SB     | SB     |
| 34    | Ishwar                | 338      | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   |
| 35    | Vijaykumar Pujari     | 344      | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     |
| 36    | Asmita pangudwale     | 352      | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    |
| 37    | Siddhamma Hirolli     | 359      | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   |
| 38    | Najma Kudalagi        | 371      | Kud    | Kud    | Kud    | Kud    | Kud    | Kud    | Kud    | Kud    | Kud    | Kud    | Kud    | Kud    | Kud    | Kud    | Kud    | Kud    | Kud    | Kud    | Kud    |
| 39    | Ganesh Reddi          | 417      | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh |
| 40    | Reshma Tarse          | 425      | Resha  | Resha  | Resha  | Resha  | Resha  | Resha  | Resha  | Resha  | Resha  | Resha  | Resha  | Resha  | Resha  | Resha  | Resha  | Resha  | Resha  | Resha  | Resha  |
| 41    | Maruti Rathod         | 455      | Maruti | Maruti | Maruti | Maruti | Maruti | Maruti | Maruti | Maruti | Maruti | Maruti | Maruti | Maruti | Maruti | Maruti | Maruti | Maruti | Maruti | Maruti | Maruti |
| 42    | Amit Jadhav           | 476      | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   |
| 43    | Akshata Bhushetti     | 485      | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   |
| 44    | Sudharani sanadi      | 493      | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   |
| 45    | Shrinivas Koulagi     | 496      | Shrin  | Shrin  | Shrin  | Shrin  | Shrin  | Shrin  | Shrin  | Shrin  | Shrin  | Shrin  | Shrin  | Shrin  | Shrin  | Shrin  | Shrin  | Shrin  | Shrin  | Shrin  | Shrin  |
| 46    | Basavraj Pujari       | 511      | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  |
| 47    | Pooja Munjanni        | 523      | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  |
| 48    | Shreelaxmi Kamashetty | 524      | Shrel  | Shrel  | Shrel  | Shrel  | Shrel  | Shrel  | Shrel  | Shrel  | Shrel  | Shrel  | Shrel  | Shrel  | Shrel  | Shrel  | Shrel  | Shrel  | Shrel  | Shrel  | Shrel  |
| 49    | Akshata Biradar       | 526      | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   |
| 50    | Sahila Pator          | 534      | Sahil  | Sahil  | Sahil  | Sahil  | Sahil  | Sahil  | Sahil  | Sahil  | Sahil  | Sahil  | Sahil  | Sahil  | Sahil  | Sahil  | Sahil  | Sahil  | Sahil  | Sahil  | Sahil  |

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**BOTANICAL MICRO TECHNIQUES-MICROTOMY**

B.Sc. I Semester STUDENTS ATTENDANCE (THEORY) 2018-19

| Sl.No | Name of the Student   | Roll No. | 12/2   | 13/2   | 14/2   | 15/2   | 16/2   | 17/2   | 18/2   | 19/2   | 20/2   | 21/2   | 22/2   | 23/2   | 24/2   | 25/2   | 26/2   | 27/2   | 28/2   | 29/2   | 30/2   | 31/2   | 32/2   |
|-------|-----------------------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 26    | Chaitra adaki         | 283      | Char   | Char   | Char   | Char   | Char   | Char   | Char   | Char   | Char   | Char   | Char   | Char   | Char   | Char   | Char   | Char   | Char   | Char   | Char   | Char   | Char   |
| 27    | Vidyaraani Laalasangi | 288      | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     | Ch     |
| 28    | Pooja Naik            | 289      | CP     | CP     | CP     | CP     | CP     | CP     | CP     | CP     | CP     | CP     | CP     | CP     | CP     | CP     | CP     | CP     | CP     | CP     | CP     | CP     | CP     |
| 29    | Basamma maddarki      | 292      | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   | Modo   |
| 30    | Chaitra Herakal       | 304      | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  | Chait  |
| 31    | Bhagyashree karenni   | 308      | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  | Bhoga  |
| 32    | Akshata Limakar       | 316      | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   |
| 33    | Sunanada Biradar      | 321      | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  |
| 34    | Ishwar                | 338      | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   | Ishw   |
| 35    | Vijaykumar Pujari     | 344      | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     | VP     |
| 36    | Asmita pangudwale     | 352      | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    | Asm    |
| 37    | Siddhamma Hirolli     | 359      | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   | Sidh   |
| 38    | Najma Kudalagi        | 371      | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   | Najm   |
| 39    | Ganesh Reddi          | 417      | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh |
| 40    | Reshma Tarse          | 425      | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  | Reshm  |
| 41    | Maruti Rathod         | 455      | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   | Maru   |
| 42    | Amit Jadhav           | 476      | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   | Amit   |
| 43    | Akshata Bhushetti     | 485      | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   |
| 44    | Sudharani sanadi      | 493      | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   | Sudh   |
| 45    | Shrinivas Koulagi     | 496      | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   | Shri   |
| 46    | Basavraj Pujari       | 511      | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  | Basav  |
| 47    | Pooja Munjanni        | 523      | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  | Pooja  |
| 48    | Shreelaxmi Kamashetty | 524      | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   | Shre   |
| 49    | Akshata Biradar       | 526      | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   |
| 50    | Sahija Patar          | 534      | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  | Sahij  |

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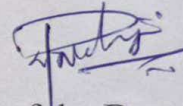
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DEPARTMENT OF BOTANY  
SKILL BASED VALUE ADDED COURSE IN BOTANY  
**BOTANICAL MICRO TECHNIQUES-MICROTOMY**

B.Sc I Semester Practical Attendance List 2018-19

| Sl.No. | Name of the Student   | Roll.No. | 8/7    | 29/7   | 29/7   | 5/8    | 19/7   | 0/8    |
|--------|-----------------------|----------|--------|--------|--------|--------|--------|--------|
| 1      | Purnima Jambagi       | 32       | PJ     | PJ     | PJ     | PJ     | PJ     | PJ     |
| 2      | Sneha Muchandi        | 33       | Shu    | Shu    | Shu    | Shu    | Shu    | Shu    |
| 3      | Asharani Mole         | 38       | Am     | Am     | Am     | Am     | Am     | Am     |
| 4      | Kaveri Thakkannavar   | 40       | KTh    | KTh    | KTh    | KTh    | KTh    | KTh    |
| 5      | Komal Ionari          | 70       | Ionari | Ionari | Ionari | Ionari | Ionari | Ionari |
| 6      | Annaraya patil        | 71       | Patil  | Patil  | Patil  | Patil  | Patil  | .      |
| 7      | Bhagyashree Hattalli  | 75       | .      | Hatt   | .      | Hatt   | Hatt   | Hatt   |
| 8      | Dundappa Biradar      | 123      | Birad  | Birad  | Birad  | Birad  | Birad  | Birad  |
| 9      | Jayshree Bhosagi      | 160      | JB     | JB     | JB     | JB     | JB     | .      |
| 10     | Sushmita Biradar      | 169      | .      | SuB    | SuB    | .      | SuB    | SuB    |
| 11     | Vijaylaxmi Jadhav     | 170      | VJB    | VJB    | VJB    | VJB    | VJB    | VJB    |
| 12     | Bhagyashree Kolakar   | 205      | Kol    | .      | Kol    | Kol    | Kol    | Kol    |
| 13     | Pavitra Dalawal       | 208      | Pdal   | Pdal   | Pdal   | Pdal   | Pdal   | Pdal   |
| 14     | Prema Yaranal         | 210      | .      | Pre    | .      | Pre    | Pre    | .      |
| 15     | Pavitra               | 211      | Pavi   | Pavi   | Pavi   | Pavi   | Pavi   | Pavi   |
| 16     | Priyanka savant       | 212      | PS     | PS     | PS     | PS     | PS     | PS     |
| 17     | Priyanka Chavan       | 215      | PC     | PC     | PC     | PC     | PC     | PC     |
| 18     | Laxmi Takkalaki       | 217      | LT     | LT     | LT     | LT     | LT     | LT     |
| 19     | Mallangowda Patila    | 224      | MP     | MP     | MP     | MP     | MP     | MP     |
| 20     | Siddarth patil        | 243      | SP     | SP     | SP     | SP     | SP     | SP     |
| 21     | Pragati Nandur        | 255      | PN     | PN     | PN     | PN     | PN     | PN     |
| 22     | Reshma pawar          | 256      | VP     | VP     | VP     | VP     | .      | VP     |
| 23     | Shridhar Balawat      | 258      | Sh     | Sh     | Sh     | Sh     | .      | .      |
| 24     | Shrishail Dhavalagi   | 260      | SD     | SD     | .      | SD     | SD     | SD     |
| 25     | Mallikarjun Budihal   | 267      | MB     | .      | MB     | .      | MB     | MB     |
| 26     | Chaitra adaki         | 283      | Chai   | Chai   | Chai   | Chai   | Chai   | Chai   |
| 27     | Vidyaraani Laalasangi | 288      | .      | VL     | .      | VL     | VL     | VL     |
| 28     | Pooja Naik            | 289      | PN     | PN     | PN     | PN     | PN     | PN     |
| 29     | Basamma maddarki      | 292      | Basa   | Basa   | Basa   | Basa   | Basa   | Basa   |
| 30     | Chaitra Herakal       | 304      | ChaiH  | ChaiH  | ChaiH  | .      | ChaiH  | ChaiH  |
| 31     | Bhagyashree karenni   | 308      | Bhaga  | Bhaga  | Bhaga  | Bhaga  | Bhaga  | Bhaga  |
| 32     | Akshta Limakar        | 316      | Aksh   | Aksh   | .      | Aksh   | Aksh   | Aksh   |
| 33     | Sunanada Biradar      | 321      | .      | SuB    | SuB    | SuB    | SuB    | .      |
| 34     | Ishwar                | 338      | Ish    | Ish    | Ish    | Ish    | Ish    | Ish    |
| 35     | Vijaykumar Pujari     | 344      | VP     | VP     | VP     | .      | VP     | VP     |

Continued..

|    |                      |     |        |        |        |        |        |          |
|----|----------------------|-----|--------|--------|--------|--------|--------|----------|
| 36 | Asmita pangudwale    | 352 | Asm    | Asm    | *      | Asm    | Asm    | Asm      |
| 37 | Siddhamma Hirolli    | 359 | Sidd   | Sidd   | Sidd   | Sidd   | Sidd   | Sidd     |
| 38 | Najma Kudalagi       | 371 | Najab  | .      | Najab  | .      | Najab  | Kudalagi |
| 39 | Ganesh Reddi         | 417 | ganesh | ganesh | ganesh | ganesh | ganesh | ganesh   |
| 40 | Reshma Tarse         | 425 | .      | Rsh    | .      | Rsh    | .      | .        |
| 41 | Maruthi Rathod       | 455 | maru   | maru   | maru   | maru   | maru   | maru     |
| 42 | Amit Jadhav          | 476 | amit   | amit   | amit   | amit   | amit   | amit     |
| 43 | Akshata Bhushetti    | 485 | Aksh   | Aksh   | Aksh   | Aksh   | Aksh   | Aksh     |
| 44 | Sudharani Sanadi     | 495 | Sudh   | Sudh   | Sudh   | .      | Sudh   | Sudh     |
| 45 | Shrinivas Koulagi    | 496 | Shri   | Shri   | Shri   | Shri   | Shri   | Shri     |
| 46 | Basavraj Pujari      | 511 | Bsh    | .      | Bsh    | Bsh    | Bsh    | Bsh      |
| 47 | Pooja Munjanni       | 523 | Pooj   | Pooj   | Pooj   | Pooj   | Pooj   | Pooj     |
| 48 | Shreelaxmi Kamshetti | 524 | Shre   | Shre   | Shre   | .      | Shre   | Shre     |
| 49 | Akshata Biradar      | 526 | .      | .      | AB     | AB     | AB     | AB       |
| 50 | Sahila pattar        | 534 | Spat   | Spat   | Spat   | Spat   | Spat   | .        |

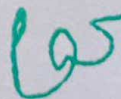


Head of the Department

HEAD

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

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



Principal,  
S. B. Arts & KCP Sc. College,  
Bijapur

BLDEA'S  
S.B. ARTS AND K.C.P. SCIENCE COLLEGE, VIJAYAPUR.  
DEPARTMENT OF BOTANY  
VALUE ADDED COURSE Examination 2018-19

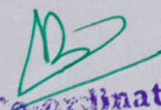
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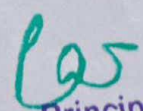
Date: 17-09-2018

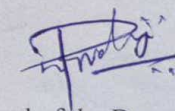
Notice

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    | 22-9-2018 | 2 pm to 5.00 pm |
| Practical | 24-9-2018 | 2 pm to 6.00 pm |

  
**IQAC, Coordinator**  
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Head of the Department

**HEAD**  
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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 Theory Examination 2018-19

**BOTANICAL MICRO TECHNIQUE- MICROTOMY.**

Date:

Max.Marks: 50

Time:

Duration:1.30 Hours

Q.NO.I. Answer any **FIVE** of the following.

(5X2=10)

1.Resolution

2.Maceration

3.Rotary microtome

4.Infiltration

5.DPX

6.Stains

Q.NO.II. Answer any **FOUR** of the following.

(4X5=20)

7. Write notes on Embedding.

8. Name two natural dyes and their source.

9. Give a brief account on dehydrating agents.

10. What are the principles involved in Staining.

11. Briefly describe the working of sledge microtome.

Q.NO.III. Answer any **TWO** of the following.

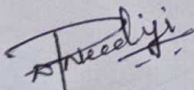
(10X2=20)

12. Explain the working principle of a compound microscope.

13. Write an account on fixation.


14. State the reasons for the formation of a curved ribbon.

\*\*\*\*\*



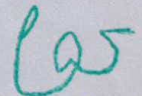
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BLDEA'S  
S B ARTS AND K C P SCIENCE COLLEGE, VIJAYAPUR  
DEPARTMENT OF BOTANY  
SKILL BASED VALUE ADDED COURSE IN BOTANY  
**BOTANICAL MICRO TECHNIQUES-  
MICROTOMY**

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

| Sl.No. | Name of the Student   | Roll No. | Signature |
|--------|-----------------------|----------|-----------|
| 1      | Purnima Jambagi       | 32       | PJ        |
| 2      | Sneha Muchandi        | 33       | SM        |
| 3      | Asharani Mole         | 38       | AM        |
| 4      | Kaveri Thakkannavar   | 40       | KT        |
| 5      | Komal Ionari          | 70       | KI        |
| 6      | Annaraya patil        | 71       | AP        |
| 7      | Bhagyashree Hattalli  | 75       | BH        |
| 8      | Dundappa Biradar      | 123      | DB        |
| 9      | Jayshree Bhosagi      | 160      | JB        |
| 10     | Sushmita Biradar      | 169      | SB        |
| 11     | Vijaylaxmi Jadhav     | 170      | VJ        |
| 12     | Bhagyashree Kolakar   | 205      | BK        |
| 13     | Pavitra Dalawal       | 208      | PD        |
| 14     | Prema Yaranal         | 210      | PY        |
| 15     | Pavitra               | 211      | PA        |
| 16     | Priyanka savant       | 212      | PS        |
| 17     | Priyanka Chavan       | 215      | PC        |
| 18     | Laxmi Takkalaki       | 217      | LT        |
| 19     | Mallangowda Patila    | 224      | MP        |
| 20     | Siddarth patil        | 243      | SP        |
| 21     | Pragati Nandur        | 255      | PN        |
| 22     | Reshma pawar          | 256      | RP        |
| 23     | Shridhar Balawat      | 258      | SB        |
| 24     | Shrishaail Dhavalagi  | 260      | SD        |
| 25     | Mallikarjun Budihal   | 267      | MB        |
| 26     | Chaitra adaki         | 283      | CA        |
| 27     | Vidyaraani Laalasangi | 288      | VL        |
| 28     | Pooja Naik            | 289      | PN        |
| 29     | Basamma maddarki      | 292      | BM        |
| 30     | Chaitra Herakal       | 304      | CH        |
| 31     | Bhagyashree karenni   | 308      | BK        |
| 32     | Akshta Limakar        | 316      | AL        |

|    |                       |     |            |
|----|-----------------------|-----|------------|
| 33 | Sunanada Biradar      | 321 | SB.        |
| 34 | Ishwar                | 338 | Ishw.      |
| 35 | Vijaykumar Pujari     | 344 | VP.        |
| 36 | Asmita pangudwale     | 352 | Ashw.P.    |
| 37 | Siddhamma Hirolli     | 359 | Siddh.     |
| 38 | Najma Kudalagi        | 371 | Najma      |
| 39 | Ganesh Reddi          | 417 | ganesh.    |
| 40 | Reshma Tarse          | 425 | Reshma.    |
| 41 | Maruti Rathod         | 455 | Maruti     |
| 42 | Amit Jadhav           | 476 | Amit       |
| 43 | Akshata Bhushetti     | 485 | Akshat.    |
| 44 | Sudharani sanadi      | 493 | Sudhar.    |
| 45 | Shrinivas Koulagi     | 496 | Shriniv.   |
| 46 | Basavraj Pujari       | 511 | Basavraj   |
| 47 | Pooja Munjanni        | 523 | PM         |
| 48 | Shreelaxmi Kamashetty | 524 | Shreelaxmi |
| 49 | Akshata Biradar       | 526 | Akshat.    |
| 50 | Sahila Pattar         | 534 | Sahila     |

105

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Department of Botany  
S.B 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:

Max.Marks: 50

Time:

Duration: 4 Hours

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

OF SPECIMEN "A".

25 MARKS

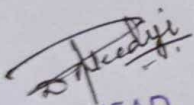
Q.NO.II. IDENTIFY AND COMMENT ON THE MATERIALS "B & C"

10 MARKS

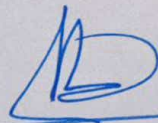
Q.NO.III. TAKE A SECTION AND PREPARE A PARAFFIN RIBBON

OF SPECIMEN "D" MOUNT IT ON A SLIDE.

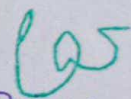
15 MARKS



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DEPARTMENT OF BOTANY  
SKILL BASED VALUE ADDED COURSE IN BOTANY  
**BOTANICAL MICRO TECHNIQUES-  
MICROTOMY**

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

| Sl.No. | Name of the Student   | Roll No. | Signature |
|--------|-----------------------|----------|-----------|
| 1      | Purnima Jambagi       | 32       | P.J.      |
| 2      | Sneha Muchandi        | 33       | Sneha     |
| 3      | Asharani Mole         | 38       | Ashara.   |
| 4      | Kaveri Thakkannavar   | 40       | KTh.      |
| 5      | Komal Ionari          | 70       | Komal.    |
| 6      | Annaraya patil        | 71       | Ann.      |
| 7      | Bhagyashree Hattalli  | 75       | BhB.      |
| 8      | Dundappa Biradar      | 123      | Biradar   |
| 9      | Jayshree Bhosagi      | 160      | J.B.      |
| 10     | Sushmita Biradar      | 169      | SushB.    |
| 11     | Vijaylaxmi Jadhav     | 170      | VJ        |
| 12     | Bhagyashree Kolakar   | 205      | Bkol      |
| 13     | Pavitra Dalawal       | 208      | Dalw.     |
| 14     | Prema Yaranal         | 210      | Pym       |
| 15     | Pavitra               | 211      | Pavi      |
| 16     | Priyanka savant       | 212      | PS        |
| 17     | Priyanka Chavan       | 215      | PC        |
| 18     | Laxmi Takkalaki       | 217      | LT        |
| 19     | Mallangowda Patila    | 224      | MP        |
| 20     | Siddarth patil        | 243      | SP        |
| 21     | Pragati Nandur        | 255      | PN        |
| 22     | Reshma pawar          | 256      | RS        |
| 23     | Shridhar Balawat      | 258      | SB.       |
| 24     | Shrishail Dhavalagi   | 260      | SD        |
| 25     | Mallikarjun Budihal   | 267      | MB.       |
| 26     | Chaitra adaki         | 283      | Chaitra   |
| 27     | Vidyaraani Laalasangi | 288      | VL.       |
| 28     | Pooja Naik            | 289      | PN        |
| 29     | Basamma maddarki      | 292      | Basamma   |
| 30     | Chaitra Herakal       | 304      | Chait     |
| 31     | Bhagyashree karenni   | 308      | Bhagya    |
| 32     | Akshta Limakar        | 316      | AKRen.    |

|    |                       |     |               |
|----|-----------------------|-----|---------------|
| 33 | Sunanada Biradar      | 321 | <u>Sun B.</u> |
| 34 | Ishwar                | 338 | <u>Ishwar</u> |
| 35 | Vijaykumar Pujari     | 344 | <u>VP</u>     |
| 36 | Asmita pangudwale     | 352 | <u>Asmita</u> |
| 37 | Siddhamma Hirolli     | 359 | <u>Siddh</u>  |
| 38 | Najma Kudalagi        | 371 | <u>Najma</u>  |
| 39 | Ganesh Reddi          | 417 | <u>Ganesh</u> |
| 40 | Reshma Tarse          | 425 | <u>Rshi</u>   |
| 41 | Maruti Rathod         | 455 | <u>Maru</u>   |
| 42 | Amit Jadhav           | 476 | <u>ABJ</u>    |
| 43 | Akshata Bhushetti     | 485 | <u>Aksh</u>   |
| 44 | Sudharani sanadi      | 493 | <u>Sudh</u>   |
| 45 | Shrinivas Koulagi     | 496 | <u>Shri</u>   |
| 46 | Basavraj Pujari       | 511 | <u>BPu.</u>   |
| 47 | Pooja Munjanni        | 523 | <u>Pooj</u>   |
| 48 | Shreelaxmi Kamashetty | 524 | <u>SKK</u>    |
| 49 | Akshata Biradar       | 526 | <u>ABair</u>  |
| 50 | Sahila Pattar         | 534 | <u>SPat</u>   |

105

Principal,

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VIJAYAPUR

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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 IN BOTANY  
**BOTANICAL MICRO TECHNIQUES- MICROTOMY**  
**Marks list- 2018-19-I**

| Sl. No. | Name of the Student   | Roll No. | Theory (100) | Practical (50) | Total(150) |
|---------|-----------------------|----------|--------------|----------------|------------|
| 1       | Purnima Jambagi       | 32       | 80           | 45             | 125        |
| 2       | Sneha Muchandi        | 33       | 85           | 40             | 125        |
| 3       | Asharani Mole         | 38       | 88           | 40             | 128        |
| 4       | Kaveri Thakkannavar   | 40       | 89           | 42             | 131        |
| 5       | Komal Ionari          | 70       | 95           | 48             | 143        |
| 6       | Annaraya patil        | 71       | 80           | 45             | 125        |
| 7       | Bhagyashree Hattalli  | 75       | 81           | 42             | 123        |
| 8       | Dundappa Biradar      | 123      | 82           | 43             | 125        |
| 9       | Jayshree Bhosagi      | 160      | 86           | 42             | 128        |
| 10      | Sushmita Biradar      | 169      | 87           | 45             | 132        |
| 11      | Vijaylaxmi Jadhav     | 170      | 90           | 42             | 132        |
| 12      | Bhagyashree Kolakar   | 205      | 95           | 43             | 138        |
| 13      | Pavitra Dalawal       | 208      | 90           | 46             | 136        |
| 14      | Prema Yaranal         | 210      | 90           | 47             | 137        |
| 15      | Pavitra               | 211      | 81           | 45             | 126        |
| 16      | Priyanka savant       | 212      | 80           | 42             | 122        |
| 17      | Priyanka Chavan       | 215      | 82           | 40             | 122        |
| 18      | Laxmi Takkalaki       | 217      | 88           | 44             | 124        |
| 19      | Mallangowda Patila    | 224      | 89           | 45             | 125        |
| 20      | Siddarth patil        | 243      | 80           | 40             | 120        |
| 21      | Pragati Nandur        | 255      | 82           | 42             | 122        |
| 22      | Reshma pawar          | 256      | 90           | 40             | 130        |
| 23      | Shridhar Balawat      | 258      | 88           | 40             | 128        |
| 24      | Shrishail Dhavalagi   | 260      | 60           | 42             | 102        |
| 25      | Mallikarjun Budihal   | 267      | 80           | 45             | 125        |
| 26      | Chaitra adaki         | 283      | 72           | 40             | 112        |
| 27      | Vidyaraani Laalasangi | 288      | 75           | 42             | 117        |
| 28      | Pooja Naik            | 289      | 78           | 40             | 118        |
| 29      | Basamma maddarki      | 292      | 79           | 40             | 119        |
| 30      | Chaitra Herakal       | 304      | 70           | 40             | 110        |
| 31      | Bhagyashree karenni   | 308      | 75           | 40             | 115        |
| 32      | Akshta Limakar        | 316      | 78           | 42             | 120        |
| 33      | Sunanada Biradar      | 321      | 80           | 40             | 120        |
| 34      | Ishwar                | 338      | 92           | 48             | 140        |
| 35      | Vijaykumar Pujari     | 344      | 80           | 42             | 122        |
| 36      | Asmita pangudwale     | 352      | 88           | 42             | 130        |
| 37      | Siddhamma Hirolli     | 359      | 90           | 40             | 110        |
| 38      | Najma Kudalagi        | 371      | 92           | 48             | 140        |

Continued...

|    |                       |     |    |    |     |
|----|-----------------------|-----|----|----|-----|
| 39 | Ganesh Reddi          | 417 | 92 | 45 | 137 |
| 40 | Reshma Tarse          | 425 | 90 | 42 | 132 |
| 41 | Maruti Rathod         | 455 | 80 | 40 | 100 |
| 42 | Amit Jadhav           | 476 | 85 | 42 | 127 |
| 43 | Akshata Bhushetti     | 485 | 82 | 40 | 122 |
| 44 | Sudharani sanadi      | 493 | 78 | 42 | 120 |
| 45 | Shrinivas Koulagi     | 496 | 86 | 40 | 126 |
| 46 | Basavraj Pujari       | 511 | 60 | 42 | 102 |
| 47 | Pooja Munjanni        | 523 | 90 | 44 | 134 |
| 48 | Shreelaxmi Kamashetty | 524 | 88 | 40 | 128 |
| 49 | Akshata Biradar       | 526 | 87 | 42 | 129 |
| 50 | Sahila Pattar         | 534 | 89 | 40 | 128 |

*P. Walis*

Head of the Department

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

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

*Las*  
Principal,  
S. B. Arts & KCP Sc. College,  
Bijapur





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VIJAYAPUR- 586103.**

ACCREDITED AT THE 'A' LEVEL In 3<sup>rd</sup> Cycle

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

Fax: 08352 – 261766 E-mail: [bldeasbkcp@gmail.com](mailto:bldeasbkcp@gmail.com) Web: [www.bldeasbkcp.org](http://www.bldeasbkcp.org)



Date : 11 /10/2018

## 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.

HEAD

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

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**Principal,**  
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VIJAYAPUR



B. L. D. E. Association's

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

(Re-Accredited by NACC at 'A' Level in 3<sup>rd</sup> Cycle)

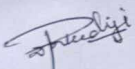
Internal Quality Assurance Cell Initiative

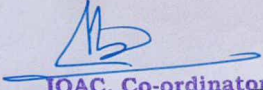



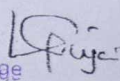
**VALUE ADDED COURSE**

*Certificate*

This is to certify that Mr./Ms. shrinivas - koulagi  
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



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Internal Quality Assurance Cell Initiative

## VALUE ADDED COURSE

### Certificate



This is to certify that Mr./Ms. \_\_\_\_\_

Pragathi Nandur

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,  
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## VALUE ADDED COURSE

### Certificate



This is to certify that Mr./Ms. Siddarth Patil  
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

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VIJAYAPUR

Principal



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(Re-Accredited by NACC at 'A' Level in 3<sup>rd</sup> Cycle)

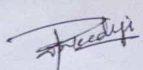
Internal Quality Assurance Cell Initiative

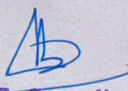
## VALUE ADDED COURSE

### Certificate




This is to certify that Mr./Ms. Dundappa Biradar  
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



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(Re-Accredited by NACC at 'A' Level in 3<sup>rd</sup> Cycle)

Internal Quality Assurance Cell Initiative

## VALUE ADDED COURSE

### Certificate



This is to certify that Mr./Ms. Purnima Jambagi

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