

B.LD.E Association's

**S.B. Arts and K.C.P. Science College, Vijayapur,**

**DEPARTMENT OF BOTANY**

**“TUTORIALS”**

**2016-2017**

B.L.D.E Association's

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

Department of BOTANY

---

NOTICE

Date :14/07/2016

It is hereby informed that the Tutorial classes will be held to the BSc I,III and V semester students from 17/07/2016. The timetable will be displayed on the notice board . All the students must attend the classes .



HEAD

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



Principal,

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



**IQAC, Co-ordinator**

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

# TIME-TABLE FOR TUTORIALS

2016-2017

TIME	SUNDAY		
11:30- 12:30 PM	BSc I semester	BSc III semester	BSc V semester
1:00-2:00 PM	BSc I semester	BSc III semester	BSc V semester

  
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 & K.C.P. Science College,  
VIJAYAPUR.



Centenary Year 2010

**B.L.D.E.ASSOCIATION'S  
S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR  
RE – 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



**DEPARTMENT OF BOTANY**

**ATTENDANCE LIST FOR TUTORIALS (2016-2017)**

CLASS : BSC I SEMESTER

FACULTY NAME : prof. L.L. Malghan  
Dr. M.B. Melimani

Sl.No.	Name of the Student	7/7/16	24/7/16	7/8/16	14/8/16	21/8/16	4/9/16	11/9/16
1	PRATIMA . BASAVARAJ . HANJI	P	P	P	A	P	A	P
2	RAMESH . SHANMUKH . BUDIHAL	P	P	A	P	A	P	A
3	RAHUL . BASKAR . NAYAK	P	P	P	P	A	A	P
4	TEJASHWINI . MAHESH . MANTRI	P	A	P	A	P	P	A
5	SAGAR . SIDARAY . JANGAMASHETTI	A	P	A	P	P	A	P
6	MARUTI . BAVUSAB . BARAKADE	P	P	A	P	A	P	A
7	MALASHREE . MARUTI . CHAVHAN	A	P	P	P	P	A	P
8	UJWALA . SHRISHAIL . HARANAL	P	A	P	A	P	P	A
9	SHWETA . VITTHALSING . RAJAPUT	A	P	A	P	A	P	A
10	SUSHMITA . SOMASHEKHAR . BILUR	P	A	P	A	P	P	P
11	ASHWINI . RAJENDRA . KSHATRI	P	P	A	P	A	P	A
12	GAJANAN . ANNAPPA . CHAKUNDI	P	A	P	A	P	A	P
13	VIDYA . VISHWANATH . HIREMATH	A	P	A	P	A	P	A
14	SUPRIYA . LAXMAN . NIKKAM	P	A	P	A	P	P	P
15	PRACHI . SANJAY . PATIL	P	A	P	P	A	P	P
16	PAVANAKUMAR .S . POLICEPATIL	A	P	A	P	P	A	P
17	SOUMYA . MAHANTAYYA . SHEELWANTMATH	P	A	P	A	P	P	A
18	POOJA . PRAKASH . DESAI	A	P	A	P	P	A	P
19	PRIYA . SHANKAR . TOLE	P	A	P	P	A	P	A
20	UMESH . CHIDANAND . HOSAMANI	A	P	A	P	P	A	P
21	MALLANAGOUD . BASANAGOUDA . PATIL	P	A	P	P	P	A	P
22	MAHANTESH . BASAVARAJ . KARIKABBI	A	P	A	P	P	P	A
23	SNEHA . BASAVARAJ . BISNAL	P	A	P	A	P	A	P
24	RAHEESA . MEHABOOB . USTAD	P	P	A	A	P	A	P
25	AVINASH . SANDEEP . PARULEKAR	P	A	P	P	A	P	A
26	SANDEEP . VALU . RATHOD	A	P	A	P	A	P	P
27	SHWETA . YALLAPPA . BIJAPUR	P	A	P	A	P	P	A
28	VIKAS . SIDDU . JADHAV	P	P	A	P	A	P	P
29	BHAGYASHRE . BASANNA . BIRADAR	A	P	P	A	P	A	P
30	TEJASWINI . TUKARAM . CHAVAN	P	P	A	P	P	A	P
31	SWATI . DHARMARAY . KARJAGI	P	A	P	A	P	P	A
32	VEERESH . CHIDANANDA . KULAGERI	A	P	A	P	A	A	P

*[Signature]*  
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,  
VIJAYAPUR.



33	PRIYA . CHANNABASAPPA . GABASAVALGI	P	A	P	P	A	P	A
34	SATISH . TARASING . CHAVAN	A	P	P	A	P	A	P
35	VIJAYALAXMI . SOMASHEKHAR . PATIL	A	P	P	A	P	P	A
36	MALLAMMA . GIRIYAPPOUDA . BIRADAR	P	P	A	P	A	P	P
37	POOJA . SURESH . NAGARI	P	A	P	A	P	A	P
38	SANTOSH . SADASHIVA . MELINAMANI	P	A	P	P	A	P	A
39	MAHESH . NANAGOUDA . PARASANAHALI	P	P	A	P	A	P	P
40	ANJANEYA . NARASAYYA . KALAL	A	P	P	A	P	P	P
41	HUNNU . JAIRAM . LAMANI	P	A	P	P	A	P	A
42	RAHUL . PRABHKAR . NAIK	P	P	A	P	P	A	A
43	SANGAMESH . BASAVARAJ . MUDHOL	P	A	P	A	P	A	P
44	GAYATRI . SANGANNA . KODEKAL	P	P	P	P	A	P	A
45	SWATI . BASAVARAJ . GANACHARI	P	A	P	A	P	P	A
46	SUJATA . DHANSING . CHAVAN	A	P	A	P	P	A	P
47	KAVERI . SANGANAGOUDA . CHOUDHARI	P	A	P	P	A	P	A
48	AKSHAY . MONAPPA . BADIGER	A	P	P	A	P	A	A
49	SHWETA . SHRIMANT . RUGI	P	A	P	P	A	P	A
50	VEENAKUMARI . BABANNAGOWDA . BIRADAR	A	P	A	P	P	A	P
51	CHANDRAKANT . DHANASHING . RATHOD	P	A	P	P	A	P	A
52	MALAVIKA . BASALIGAPPA . BIDARI	A	P	P	A	P	A	P
53	DEEPTI . VEERAPPA . MASUTI	P	A	A	A	P	A	P
54	VARSHA . SANGANNA . TOPI	A	P	A	A	P	P	A
55	RAVI . BABU . JINJARWAD	P	A	P	A	P	A	P
56	DIVYA . DHEVAPPA . BHAIKASHETTI	A	P	A	P	A	P	A
57	VIKRAM . HANAMANTRAY . IRAGOND	A	P	P	A	P	P	A
58	GEETA . SHIVANAGOUDA . BIRADAR	P	A	A	P	P	A	P
59	POOJA . PANDURANG . KAVI	A	P	A	P	A	P	A
60	ARUNKUMAR . IRAGOND . MAMADAPUR	P	P	P	A	P	A	P
61	RENUKA . BASANNA . KOTARAGASTI	P	A	P	P	A	P	A
62	SHWETA . BALASAHEB . KAMGOND	P	A	P	A	P	A	P
63	ARUNKUMAR . RAYAPPA . HANDIGANUR	P	A	A	P	A	P	P
64	MAHESH . IRAPPA . HOSAMANI	A	P	P	A	P	A	A
65	ASHARANI . PARVATAYYA . MATHAPATI	P	A	P	P	A	A	P
66	ANJANADEVI . MALLAPPA . KABBIN	P	P	A	A	P	P	A
67	AMBADAS . VENKATRAO . HAMELPURE	A	P	A	P	A	P	A
68	AMRUTA . SHRISHAIL . GIDAVEER	P	A	P	P	A	A	P
69	SHWETA . PARAPPA . KENGANAL	P	P	A	A	A	P	A
70	VIRESH . RAMESH . TOTAD	A	P	A	P	P	A	P
71	ADITYA . BALAKRISHNA . SALUNKE	P	A	P	P	A	P	A
72	PRANESH . BASAVARAJ . KANNOLLI	A	P	A	P	P	A	P
73	GIRESH . JNANOBARAY . CHOUDHARI	P	A	P	P	A	P	A
74	RAHUL . PARAGONDAPPA . BAGALI	A	P	A	P	P	A	P
75	SHIVANAGOUD . SIDDANAGOUD . BIRADAR	P	A	P	A	P	P	A
76	PRIYA . UDAY . PATIL	A	P	A	P	A	A	P
77	MALLAPPA . KASHINATH . PATIL	P	A	P	A	P	P	A
78	DEVENDRA . SHIVASHARAN . BIRADAR	A	P	A	P	A	A	P

  
HEAD

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

  
Co-ordinator

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

  
Principal,

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



79	RAHUL . SHRIMANTAGOUDA . PATIL	P	A	P	P	A	P	P
80	ABHISHEK . ARAVIND . CHOUDHARI	P	P	A	P	P	P	P
81	SANTOSH . SHANTAPPA . NAYKODI	A	P	P	A	P	A	P
82	AKSHATA . SADANAND . SUGUR	P	A	P	P	A	A	P
83	SOMANATH . CHIDANAND . BAGALAKOT	A	P	A	P	A	P	A
84	ARJUN . DONDIBA . MOHITE	P	A	P	P	A	P	A
85	MALAKARADDI . MALLANAGOUDA . CHOUDRI	A	P	A	P	P	A	P
86	SACHIN . SURESH . PARAGOND	P	A	P	P	P	P	P
87	SHASHIKUMAR . S . BUDANUR	A	P	A	P	A	P	A
88	SHIVARAJ . BHEEMASHANKAR . BAIRAMADI	P	A	P	P	A	P	A
89	MEGHA . SHRIKANT . KUBSAD	A	P	A	P	P	A	P
90	ARUNKUMAR . BABURAO . BANIKOL	A	A	P	P	A	P	A
91	POOJA . BASAVARAJ . ANGADI	P	P	A	P	P	A	P
92	GANESH . PARMANAND . KUDAGI	P	A	P	A	P	P	A
93	VIJAYALAXMI . SANGAPPA . NAGARALLI	A	P	A	P	A	P	A
94	UTTAM . SHEKHAR . KAMBLE	P	P	P	P	P	A	A
95	MANOJ . SHIVALINGAPPA . DUDAGI	A	P	P	P	A	P	A
96	CHARANTAYYA . SADAYYA . HIREMATH	P	P	P	P	P	A	A
97	CHAITRA . NINGAPPA . MAYUR	P	P	P	P	P	P	P
98	ANITA . NANAGOUDA . CHOUDRI	A	P	P	P	A	P	A
99	SUMA . SOMASING . CHAVAN	A	P	P	A	P	P	P
100	SUPRIYA . SHARANAPPA . KERUTAGI	P	P	P	P	A	P	P
101	RASHMI . PRAKASH . INDI	A	P	P	A	P	P	A
102	SHARANAGOU . S . POLICEPATIL	P	A	P	P	A	P	A
103	VIDYA . RAJASHEKHAR . HITTI	A	P	A	P	P	P	A
104	LAXMI . KASHINATHA . BADIGER	P	A	P	A	P	P	A
105	MADIWALAPPA . RAMACHANDRA . BADIGER	A	P	A	P	P	A	P
106	ANIL . MANIK . CHAVAN	P	A	P	A	P	P	A
107	CHAITRA . RAMESH . NEELAGAR	A	P	A	P	P	A	P
108	LAKSHMAN . SHREEMANT . CHATTARAKI	A	P	P	A	A	P	A
109	SHIVANI . SANGAMESH . NAYAKODI	P	A	P	P	P	A	P
110	SHANTALA . SIDDAPPA . MADARKHANDI	A	P	A	P	P	P	A
111	SOUMYA . MAHAVEER . BOGAR	P	P	P	P	P	A	P
112	SUNIL . PANDURANG . PAWAR	A	P	P	P	A	P	A
113	SHRISHAIL . SHIVANAND . BIRADAR	P	A	P	P	P	A	P
114	ARCHANA . RAMJI . MISAL	A	P	P	A	P	P	A
115	PRIYANKA . RAMAGOND . CHAVAR	P	P	A	P	P	P	A
116	SUNIL . SHIVALAL . PAWAR	A	P	P	A	P	P	A
117	PREETI . VIJAYAKUMAR . PAWAR	A	P	P	P	P	P	A
118	SHASHIKANT . DHANASING . RATHOD	P	A	P	P	P	A	P
119	AKSHATA . SHAVANNA . BOLASUR	A	P	P	P	A	P	A
120	SHREYA . BALAKRISHNA . SHETTY	P	A	A	P	P	A	P
121	POOJA . SANGAPPA . PYATIGOUDAR	P	P	P	P	P	P	P
122	KEERTI . MALLAPPA . MUDDEBIHAL	P	P	P	P	P	P	A
123	KHATUNABI . MOULALI . MULLA	P	P	P	P	P	A	P
124	PRIYANKA . HANAMANT . MANAGULI	P	P	P	P	P	A	P
125	KEERTI . RAVI . UMARANI	P	P	P	P	P	P	A
126	GURURAJ . KALLAPPA . POOJARI	A	P	P	P	A	A	P

  
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 & K.C.P. Science College,  
VIJAYAPUR.

127	PRIYA . PARASHURAM . KATAKE	P	A	P	P	P	A	P
128	KANYAKUMARI . ANNAPPA . HUTAGI	P	P	P	P	P	P	A
128	SANDEEP . SIDRAM . KUDIGANNOOR	A	P	P	P	P	A	P
129	AKSHATA . GOLAPPA . PATTANAD	P	A	A	P	A	P	A
130	KAVITA . BASAPPA . ENAGI	A	P	P	A	P	P	P
131	VIDYASHREE . NAGAPPA . GOTYAL	P	P	P	P	P	A	A
132	DANAMMA . SOMASHEKHAR . BHUSARI	A	P	P	P	A	P	A
133	TRUPTI . GANAPATARAO . SURYAVANSHI	P	A	A	P	P	P	A
134	KARTIK . ASHOK . JADHAV	P	P	P	P	P	A	P
135	SHILPA . BASAPPA . DALWAI	P	P	P	A	P	A	A
136	HEMAVATI . HANAMANTARAO . KHANDEKAR	A	P	A	P	P	P	P
137	ARCHANA . SHRISHAIL GOUDA . PATIL	P	P	P	P	P	A	P
138	AAMIR SOHAIL . ABDUL RAZAK . MULLA	A	P	P	P	P	P	P
139	PRATIMA . BASAVARAJ . HANJI	P	A	P	A	P	P	P

  
HEAD

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

195

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



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





Centenary Year 2010

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

**RE - 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



**DEPARTMENT OF BOTANY**

**ATTENDANCE LIST FOR TUTORIALS (2016-2017)**

CLASS : BSC III SEMESTER

FACULTY NAME : DR. M. B. MULIMANI  
Prof. G. M. NESUR.

Sl.No.	Name of the Student	12/7/16	24/7/16	7/8/16	14/8/16	21/8/16	4/9/16	11/9/16
1	AKSHATA . BASANAGOUDA . NAGARADDI	P	P	A	P	P	A	P
2	SUNITA . MADIVALAPPAGOUDA . PATIL	A	P	P	P	A	P	A
3	BASAVARAJ . MALLANNA . *	P	P	A	P	P	A	P
4	VINITA . RAMESH . KAMBALE	A	A	P	P	A	P	A
5	LAXMEEKANT . DODDAPPA . HUNACHYAL	P	P	A	A	P	A	P
6	POORNIMA . JINENDRA . KESSTI	A	P	A	P	A	P	A
7	PRIYANKA . KAREPPA . POOJARI	P	A	P	A	P	A	P
8	SANMATI . LAXMIKANT . KIRANAGI	A	P	P	P	A	P	A
9	PRIYANKA . RAJENDRA . RATNAKAR	P	A	P	P	P	A	P
10	DEEPA . MUKUND . KAMBLE	A	P	P	A	P	P	P
11	NAVEEN . SIDAGOUD . PATIL	P	P	P	A	P	A	A
12	JYOTI . LAXMAN . MANSHETTI	A	P	P	P	A	P	P
13	ARATI . SAYABANNA . KOTTALAGI	P	A	P	P	P	A	P
14	ROHAN . DUNDAPPA . BELLUNDAGI	A	P	A	P	P	A	P
15	SHREEDHAR . SHANTAPPA . PARASHETTI	P	A	P	P	A	P	A
16	IRANNA . BASAVARAJ . BIRADAR	A	P	A	P	A	P	P
17	RANJEETA . CHANNAPPA . DALAWAI	P	A	P	A	P	A	P
18	SHRUTI . SOMANINGA . NAKKARAGUNDI	P	A	P	A	P	P	A
19	KASHINATHA . MALLIKARJUN . BAGALI	A	P	P	P	A	P	P
20	RAJKUMAR . SHIVANNA . BHAIKASHETTI	P	P	A	P	P	P	P
21	POOJA . KASHINATH . SAJJAN	P	A	P	P	P	A	P
22	RAMYA . RAMACHANDRA . BADIGER	P	P	A	P	P	P	A
23	VIJEETA . LAXMAN . THORAVI	A	A	P	A	P	A	P
24	LAXMI . APPASAHEB . MODI	A	P	P	A	P	P	P
25	REKHA . SHIVANAND . MALI	P	A	A	P	P	P	P
26	VIJAYALAXMI . GOPAL . KUMBAR	P	P	A	P	P	A	A
27	SUNIL . MADHU . CHAVAN	P	A	P	A	A	P	P
28	SANTOSH . VALU . RATHOD	P	P	P	P	P	P	P
29	RAFEEQ . FAQROODDIN . SOUDAGAR	P	A	A	P	A	P	A
30	RAVI . ARJUN . GADED	P	P	P	P	A	P	P
31	SIDDHARAM . CHANDRASHEKHAR . KOTTALAGI	P	A	P	A	P	A	P
32	AKSHAKUMAR . MOHANRAO . DESHAPANDE	P	P	A	P	A	P	A

*M. B. Mulimani*  
HEAD

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

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

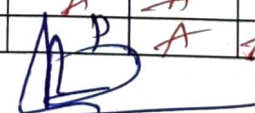
*G. M. Nesur*  
Principal,  
S.B.Arts & K.C.P. Science College,  
VIJAYAPUR.



33	ROHINI . MURUGHENDRA . VASTRAD	P	A	P	P	P	A	P
34	PARIS . SATHYAPPA . NEMGOUD	P	P	A	A	P	P	A
35	SOUMYA . SANGAMESH . YATAD		P	A	P	A	P	P
36	BASAYYA . MALLIKARJUN . HIREMATH	P		P	P	A	P	A
37	SANDYA . MOTILAL . RATHOD	A	P	P	A	P	A	P
38	HANAMANT . ASHOK . DHUMALE	P	A	P	P	A	P	A
39	KAVYA . MOTILAL . RATHOD	A	P	P	A	P	A	P
40	CHANABASAYYA . S . HIREMATH	P	A	P	P	A	P	A
41	AISHWARYA . SHREESHAIL . SAJJAN	A	P	A	P	P	A	P
42	BIBIZAHERA . GOUSEMOHADIN . BEVANUR	P	P	P	A	P	P	P
43	MOHAMMADJUBER S . DHUNDASI	A	P	P	A	P	P	A
44	AISHWARYA . NAGARAJ . SHETTY	P	A	A	P	P	A	P
45	RIYA . PRAKASH . SHETTY	A	P	A	P	P	P	A
46	PRIYANK . PARAPPA . CHOUDRI	P	A	P	P	A	P	A
47	SUSHMITA . SURESH . CHOUDARI	A	P	A	A	P	A	P
48	BHUVANESHWARI . CHIDANAND . BIRADAR	P	A	P	P	A	P	A
49	GANGA . VIDYARANYA . THOBBI	A	P	A	P	P	A	P
50	RAHUL . GANGADHAR . KOLLI	P	P	P	A	P	P	A
51	PRABHAKAR . SHIVANAND . BHANDARAKAVTE	A	P	P	P	A	P	A
52	LALASAHEB . DAVALASO . NADAF	A	P	P	P	P	A	P
53	VILAS . ABHIMANYA . KAMBLE	P	P	P	A	A	P	P
54	AKSHAY . MALLANAGOUDA . PATIL	A	A	P	A	P	A	P
55	SACHIN . SADASHIV . AMMANAGI	P	P	A	P	A	P	A
56	PRAJWAL . SATEESH . HALINGALI	A	A	P	A	P	A	P
57	BHUVANESHWARI . RAMESH . KOTIN	P	P	A	P	A	P	A
58	VIJAYALAXMI . VITTHAL . KATNALLI	A	A	P	P	P	A	P
59	POOJA . KRISHNAMURTI . KHAMITKAR	P	P	A	P	A	P	A
60	SWAPNA . SURESH . BAGALI	A	A	P	P	P	P	A
61	LEELA . PAVADEPPA . HARIJAN	P	P	P	P	A	P	P
62	AKSHAY . MAHADEV . BANNE	A	P	P	A	P	P	P
63	ANAND . BHEEMASING . CHAVAN	P	P	A	P	A	P	A
64	RAHUL . VIJAYKUMAR . RATHOD	A	P	P	A	P	P	A
65	SUSHMITA.A.T . AMRESH.B.T . .	P	P	A	P	A	P	A
66	SAVITRI . SURESH . MUDALAGI	P	A	P	P	P	A	P
67	TANUJA . DANESH . VAGOLI	A	P	A	P	A	P	P
68	ARATI . SOMALING . DUDAGI	P	A	P	A	P	A	P
69	APOORVA . BASAVARAJ . BHUI	A	P	A	P	P	P	A
70	SHWETA . SHIVARAYA . KALELI	P	A	P	A	P	A	P
71	DRAKSHAYANI . DAREPPA . BIRADAR	A	P	A	P	A	P	A
72	SHRUTI . BASAVARAJ . MASALI	A	A	P	A	P	A	P
73	SANGEETA . DHANASING . CHAVAN	P	A	P	A	P	P	A
74	POOJA . SUBHAS . TALAKERI	A	P	A	P	A	P	P
75	SACHIN . ANIL . HONAWAD	P		P	A	P	A	P
76	PREKSHA . PRAVIN . KASAR	A	P	A	P	A	P	A
77	PRIYAL . PRAVIN . KASAR	A	A	P	A	P	A	P
78	SAIPAN . MAHIBOOB . KHATIK	P	A	A	P	P	P	A

  
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 & K.C.P. Science College,  
VIJAYAPUR.

79	HARSHA . DATTATREYA . BELAGALI	P	P	A	P	P	A	P
80	LAXMI . SADASHIV . JUNJARAWAD	A	P	P	P	A	P	A
81	MEGHA . BASAVARAJ . WARAD	P	A	P	P	P	A	P
82	HEMANT . SIDDAPPA . BHOVI	A	P	A	P	A	P	A
83	BHEERAPPA . BHEEMARAYA . KALLUR	P	A	P	P	P	A	P
84	GANAVI . MANJUNATH . .	A	P	P	A	A	P	A
85	VISHAL . VITTAL . BIRADAR	P	A	A	P	A	P	P
86	SWATI . RAMU . DALAWAI	A	P	P	A	A	P	A
87	MANJUNATH . ARJUN . JARALE	P	A	A	A	P	A	P
88	SIDRAMAYYA . SHIVAYYA . STAVARAMATH	A	P	A	P	A	P	P
89	MAHESH . GANGARAM . PAWAR	P	P	A	P	A	P	P

  
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 & K.C.P. Science College  
VIJAYAPUR.





**B.L.D.E.ASSOCIATION'S  
S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR  
RE – 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



**DEPARTMENT OF BOTANY**

**ATTENDANCE LIST FOR TUTORIALS (2016-2017)**

CLASS : BSC V SEMESTER

FACULTY NAME : G.M NRESURY

Prof. L.L. Malgham

Sl.No.	Name of the Student	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16
1	ASHWINI . S.HARIWAL . HARIWAL	A	P	P	A	P	A	P	A	P	P
2	SHILPA . SHIVARADDY . HACHARADDY	P	A	P	P	A	P	A	P	A	A
3	SUSHMITA . REVANASIDDA . PATIL	A	P	A	P	P	A	P	A	P	P
4	ASHA . ARJUN . JIDDI	P		P	A	P	P	P	A		A
5	RAJASHREE . RAGHAVENDRACHAR . JOSHI	A	P	P	P	A	P	P	P	P	P
6	JYOTHI . GOURISHANKAR . KAMBLE	P	A	P	A	P	P	P	A	P	A
7	GOUTAMI . GURURAJ . KULAKARNI	A	P	A	P	A	P	P	P	P	P
8	SALEEM . ALLASAB . JAMAKHANDI	P	A	P	A	P	A	P	A	P	P
9	ANAND . BHIMARAYA . HALLI	A	P	A	P	P	P	P	P	A	A
10	REVATI . BHUPAL . KANDIBAL	P	A	P	A	A	P	P	P	P	P
11	BHAGAMMA . GADDEPPA . RODAGI	A	P	P	P	A	P	A	P	A	A
12	GUNJANKUMARI . P . MOURYA	P	P	A	A	P	A	P	A	P	P
13	ASIF . MAQBOOL . SOUDAGAR	A	P	A	P	A	P	A	P	A	A
14	NAVEEN . GURUNINGAPPA . BIRADAR	P	A	P	P	P	P	A	P	A	P
15	AMBARISH . SHREESAIL . BHAIRAMADI	A	P	P	A	P	P	P	P	P	P
16	ANITA . JAGADEVAPPA . BIRADAR	P	A	P	P	A	P	P	A	P	A
17	SWATI . SHASHIDHAR . MATH	A	P	A	P	P	A	P	A	P	P
18	PRIYANKA . SIDDHAROOD . CHINCHOLI	P	A	P	A	P	P	P	P	A	A
19	PRIYANK . SIDDAPPA . BADIGER	A	P	A	P	P	A	P	A	P	P
20	AKSHAY . SHRISHAIL . HIREMATH	P	A	P	A	A	P	P	P	P	P
21	SHREYA . UDAY . PATIL	A	P	P	P	P	A	P	A	P	P
22	SAHANA . SANJEEV . PUROHIT	P	A	P	P	A	P	P	A	P	A
23	SHREEDEVI . SIDDAMALLAYYA . MATH	A	P	A	P	P	A	P	A	P	P
24	LAXMI . RAJASHEKHAR . KAPASE	P	P	P	P	A	P	A	P	A	A
25	HANAMANTA . KULAPPA . SHIVLOOR	A	P	P	A	P	A	P	A	P	P
26	LAXMI . KANTANAGOUDA . PATIL	P	A	P	A	P	A	P	A	P	P
27	POOJA . JAYAKUMAR . WALIKAR	A	P	P	A	P	A	P	A	P	P
28	ASHWINI . ANIL . KULKARNI	P	A	A	P	A	P	A	P	A	A
29	RAJKUMAR . SHIVAJI . JADHAV	A	P	P	A	P	A	P	A	P	P
30	PRAVEENKUMAR . TIPPANNAPPA . DUDDAGI	P	P	A	P	A	P	A	P	A	A
31	OMKAR . VIJAYAKUMAR . BHUSANUR	A	P	P	A	P	A	P	A	P	P
32	MANINGAPPA . SHIVANINGAPPA . KARJOL	P		P	P	A	P	A	P	P	P

*[Signature]*  
HEAD

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

**IQAC, Co-ordinator**

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

*[Signature]*

**Principal,**  
S.B.Arts & K.C.P. Science College,  
VIJAYAPUR.

33	ASHWINI . SHRISHAIL . WALIKAR	P	P	A	P	P	A	P
34	SHOBHA . SUBBANAGOUDA . PATIL	A	P	P	A	P	A	P
35	SMEETA . RAYAGOND . BIRADAR	P	P	P	A	A	P	A
36	ROHINI . RAVUTAPPA . MASALI	A	A	P	P	P	A	P
37	PRATIBHA . GOLLALAPPA . BIRADAR	P	P	A	P	A	P	A
38	PRIYADARSHINI . CHANDRAKANTH . PATTAR	A	P	P	A	P	A	P
39	ESUBAI . SHAMARYA . DARAGOND	P	A	P	P	A	P	A
40	GAYATRI . CHANDRASHEKHAR . BADIGER	A	P	A	P	P	A	P
41	SHIVAJI . RAMESH . KARBARI	P	P	P	A	P	P	A
42	BONAKKA . SHANKAREPPA . SALOTAGI	A	P	P	P	A	P	P
43	ARPITA URF PALLAVI . ASHOK . PATIL	P	A	P	P	A	P	P
44	PRIYANKA . SUBHASH . NAVADAGI	P	A	P	P	P	A	P
45	SACHITA . MALLAPPA . HONAKAMBLE	P	A	P	P	P	P	A
46	ANUPAMA . ANAND . BARADOL	A	P	P	P	P	A	P
47	SNEHA . BHIMANNA . BAGALKOT	P	A	P	P	A	P	A
48	SARVAMANGALA . SHIVANAND . KOULAGI	A	P	A	A	P	A	P
49	DANESHWARI . SHANKER . BAGALI	P	A	P	P	A	P	A
50	DHANAMMA . BHIMARAY . BIJJARAGI	A	P	P	A	P	A	P
51	TRIVENI . APPASAHEB . .	P	A	A	P	A	P	A

  
HEAD

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



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

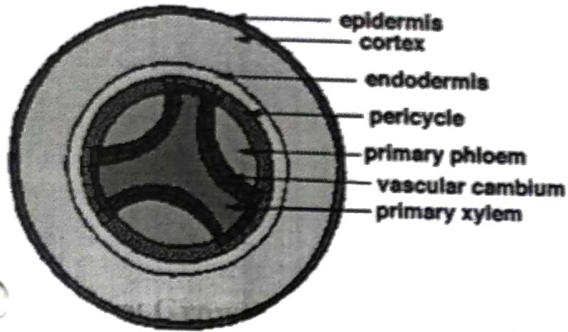


**Principal,**  
S.B.Arts & K.C.P. Science College,  
VIJAYAPUR.



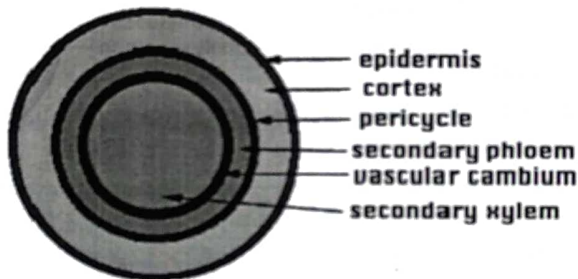
## Secondary Growth in Roots

Secondary growth occurs in many roots and usually results in the thickening of the root diameter by the addition of vascular tissue.



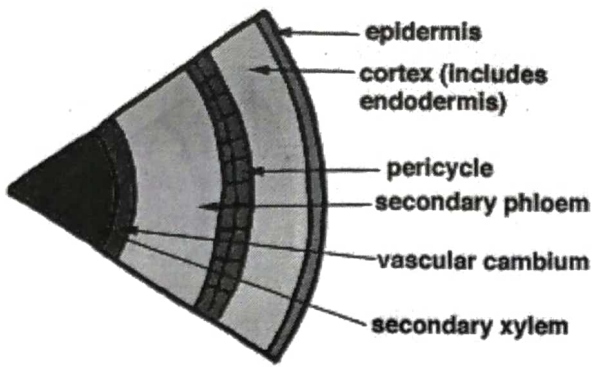
Initiation of secondary growth occurs when cells in the residual procambium and parts of the pericycle begin to make periclinal divisions. Only the pericycle cells opposite the xylem points start to make periclinal divisions. The inner layer of cells becomes the vascular cambium. The outer layer is retained as pericycle. The vascular cambium is continuous around the primary xylem.

The vascular cambium continues to divide periclinally. The daughter cells that result from these divisions differentiate into secondary xylem cells if they divide off towards the side of the root or secondary phloem cells if they divide towards the outer surface of the root. After many cell divisions and cell differentiation, a root exhibiting secondary growth.

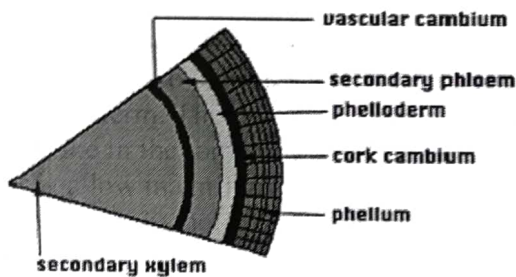


Some roots also form an outer protective layer called the periderm which originates from the pericycle and replaces the epidermis.

*Continued*



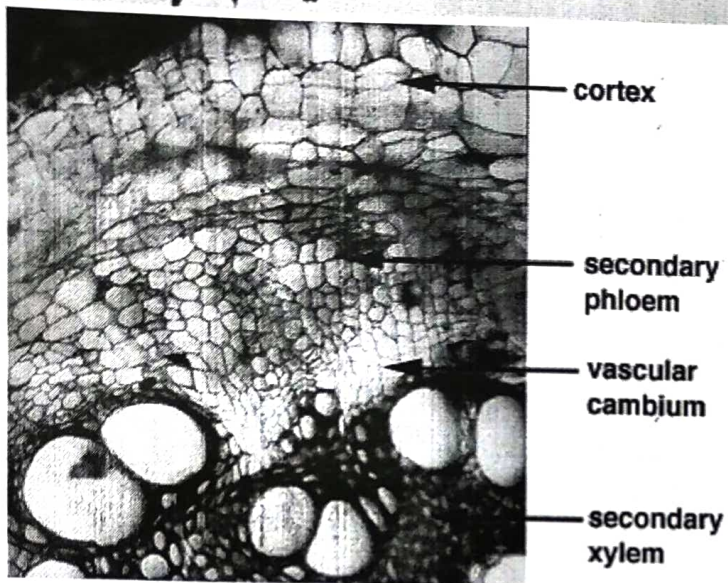
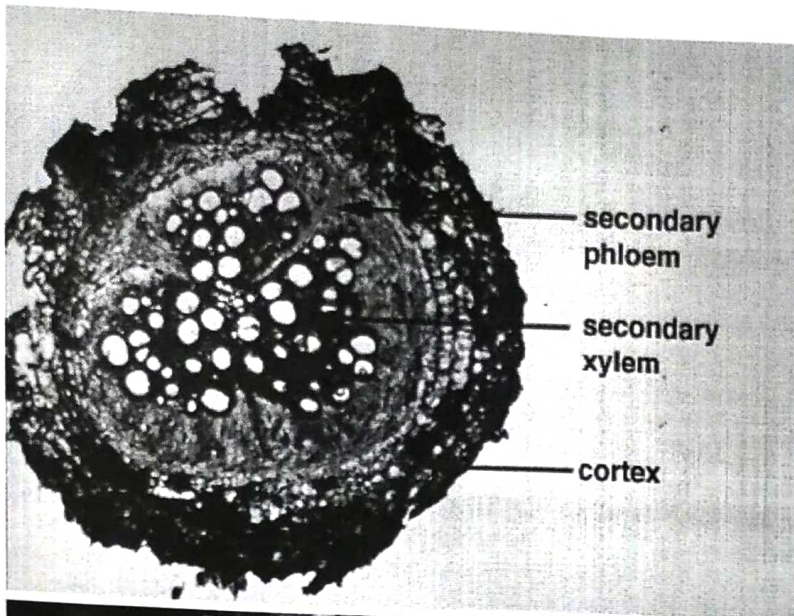
The pericycle resumes its meristematic character and begins to divide periclinally again. At this point it is called the phellogen or the cork cambium. This diagram, which is a slice of the previous drawing, shows how the pericycle is dividing.

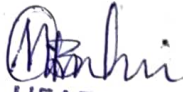


The cork cambium forms phellum cells (cork cells) towards the outside of the plant. These cells are dead at maturity. They are suberized which makes the cells impermeable to water. Phellum cells in cross section appear in neat, ordered files. The cork cambium also produces the phelloderm, a tissue consisting of cells that are living at maturity. The location of the phelloderm can be seen in the diagram to the left.

Not all plants have secondary growth in their roots, and many do not conform to the developmental pattern that was described above.

Tomato roots do exhibit secondary growth, however they do not form a clear periderm. The photographs below show what secondary growth looks like in the tomato roots. The vascular cambium can be difficult to spot at a low magnification, but at a higher magnification, one can see it more clearly by noticing the periclinial divisions in this layer which result in cells that have a "squashed" appearance.



  
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 & K.C.P. Science College,  
VIJAYAPUR.



## Secondary Metabolites in Plants

Secondary metabolites are chemicals produced by plants for which no role has yet been found in growth, photosynthesis, reproduction, or other "primary" functions. These chemicals are extremely diverse; many thousands have been identified in several major classes. Each plant family, genus, and species produces a characteristic mix of these chemicals, and they can sometimes be used as taxonomic characters in classifying plants. Humans use some of these compounds as medicines, flavorings, or recreational drugs.

Secondary metabolites can be classified on the basis of chemical structure (for example, having rings, containing a sugar), composition (containing nitrogen or not), their solubility in various solvents, or the pathway by which they are synthesized (e.g., phenylpropanoid, which produces tannins). A simple classification includes three main groups: the terpenes (made from mevalonic acid, composed almost entirely of carbon and hydrogen), phenolics (made from simple sugars, containing benzene rings, hydrogen, and oxygen), and nitrogen-containing compounds (extremely diverse, may also contain sulfur).

The apparent lack of primary function in the plant, combined with the observation that many secondary metabolites have specific negative impacts on other organisms such as herbivores and **pathogens**, leads to the hypothesis that they have evolved because of their protective value. Many secondary metabolites are toxic or repellant to herbivores and microbes and help defend plants producing them. Production increases when a plant is attacked by herbivores or pathogens. Some compounds are released into the air when plants are attacked by insects; these compounds attract **parasites** and predators that kill the herbivores. Recent research is identifying more and more primary roles for these chemicals in plants as signals, **antioxidants**, and other functions, so "secondary" may not be an accurate description in the future.

Consuming some secondary metabolites can have severe consequences. Alkaloids can block **ion** channels, inhibit **enzymes**, or interfere with neurotransmission, producing **hallucinations**, loss of coordination, convulsions, vomiting, and death. Some phenolics interfere with digestion, slow growth, block enzyme activity and cell division, or just taste awful.


Secondary chemicals are important in plant use by humans. Most pharmaceuticals are based on plant chemical structures, and secondary metabolites are widely used for recreation and stimulation (the alkaloids nicotine and cocaine; the terpene cannabinol). The study of such plant use is called ethnopharmacology. Psychoactive plant chemicals are central to some religions, and flavors of secondary compounds shape our food preferences.



continued.



Class	Example Compounds	Example Sources	Some Effects and Uses
<b>NITROGEN-CONTAINING</b>			
<b>Alkaloids</b>	nicotine cocaine theobromine	tobacco coca plant chocolate (cocoa)	interfere with neurotransmission, block enzyme action
<b>NITROGEN-AND SULFUR- CONTAINING</b>			
<b>Glucosinolates</b>	sinigrin	cabbage, relatives	
<b>TERPENOIDS</b>			
<b>Monoterpenes</b>	menthol linalool	mint and relatives, many plants	interfere with neurotransmission, block ion transport, anesthetic
<b>Sesquiterpenes</b>	parthenolid	Parthenium and relatives ( <i>Asteraceae</i> )	contact dermatitis
<b>Diterpenes</b>	gossypol	cotton	block phosphorylation; toxic
<b>Triterpenes, cardiac glycosides</b>	digitogenin	Digitalis (foxglove)	stimulate heart muscle, alter ion transport
<b>Tetraterpenoids</b>	carotene	many plants	antioxidant; orange coloring
<b>Terpene polymers</b>	rubber	Hevea (rubber) trees, dandelion	gum up insects; airplane tires
<b>Sterols</b>	spinasterol	spinach	interfere with animal hormone action
<b>PHENOLICS</b>			
<b>Phenolic acids</b>	caffeic, chlorogenic	all plants	cause oxidative damage, browning in fruits and wine
<b>Coumarins</b>	umbelliferone	carrots, parsnip	cross-link DNA, block cell division
<b>Lignans</b>	podophyllin urushiol	mayapple poison ivy	cathartic, vomiting, allergic dermatitis
<b>Flavonoids</b>	anthocyanin, catechin	almost all plants	flower, leaf color; inhibit enzymes, anti- and pro- oxidants, estrogenic
<b>Tannins</b>	gallotannin, condensed tannin	oak, hemlock trees, birdsfoot trefoil, legumes	bind to proteins, enzymes, block digestion, antioxidants
<b>Lignin</b>	lignin	all land plants	structure, toughness, fiber

  
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 & K.C.P. Science College,  
VIJAYAPUR.

B.L.D.E Association's  
**S.B. Arts and K.C.P. Science College, Vijayapur,**  
**Department of Botany**

**REPORT**

Prof.L L .Malghan, Dr. M.B.Mulimani, Prof G.M.Nesur. faculty of Botany department conducted the tutorials for the BSc I, III and V semester students in the academic year 2016-17. The student attended the classes as per the prior set timetable

These tutorials posed to enhance the additional knowledge to the existing curricular study. The students became more study Oriented. The students here studied about the secondary growth in plants.

  
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 & K.C.P. Science College.  
VIJAYAPUR.

B.L.D.E Association's

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

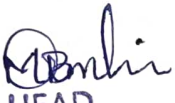
Department of BOTANY

---

NOTICE

Date :26/01/2017

It is here by informed that the Tutorial classes will be held to the BSc II,IV and VI semester students from 29/01/2017. The timetable will be displayed on the notice board . All the students must attend the classes .

  
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 & K.C.P. Science College,  
VIJAYAPUR.

# TIME-TABLE FOR TUTORIALS

2016-2017

TIME	SUNDAY		
11:30- 12:30 PM	BSc II semester	BSc IV semester	BSc VI semester
1:00-2:00 PM	BSc II semester	BSc IV semester	BSc VI semester

  
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 & K.C.P. Science College  
VIJAYAPUR.





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



DEPARTMENT OF BOTANY

ATTENDANCE LIST FOR TUTORIALS (2016-2017)

CLASS : BSC II SEMESTER

FACULTY NAME : prof. L.L. Malghan  
Dr. M.B. Mullinari

Sl.No.	Name of the Student	29/1/17	5/2/17	12/2/17	19/2/17	26/2/17	5/3/17	12/3/17
1	PRATIMA . BASAVARAJ . HANJI	P	P	A	P	P	P	P
2	RAMESH . SHANMUKH . BUDIHAL	A	P	P	P	P	P	P
3	RAHUL . BASKAR . NAYAK	P	P	P	P	A	P	P
4	TEJASHWINI . MAHESH . MANTRI	P	A	P	P	P	P	P
5	SAGAR . SIDARAY . JANGAMASHETTI	P	P	A	P	P	P	P
6	MARUTI . BAVUSAB . BARAKADE	A	P	P	P	P	P	P
7	MALASHREE . MARUTI . CHAVHAN	P	A	P	P	P	P	P
8	UJWALA . SHRISHAIL . HARANAL	P	A	P	A	P	P	P
9	SHWETA . VITTHALSING . RAJAPUT	P	P	P	P	P	A	A
10	SUSHMITA . SOMASHEKHAR . BILUR	P	A	P	P	A	P	P
11	ASHWINI . RAJENDRA . KSHATRI	P	P	P	A	P	P	P
12	GAJANAN . ANNAPPA . CHAKUNDI	P	A	P	P	P	P	P
13	VIDYA . VISHWANATH . HIREMATH	P	P	P	P	P	A	P
14	SUPRIYA . LAXMAN . NIKKAM	P	A	P	P	P	P	P
15	PRACHI . SANJAY . PATIL	P	A	P	P	P	A	P
16	PAVANAKUMAR .S. POLICEPATIL	P	P	P	A	P	P	P
17	SOUMYA . MAHANTAYYA . SHEELWANTMATH	P	P	P	P	P	A	A
18	POOJA . PRAKASH . DESAI	P	A	P	P	P	A	P
19	PRIYA . SHANKAR . TOLE	P	P	A	P	P	P	P
20	UMESH . CHIDANAND . HOSAMANI	P	A	P	P	P	A	P
21	MALLANAGOUD . BASANAGOUDA . PATIL	A	P	P	P	P	P	P
22	MAHANTESH . BASAVARAJ . KARIKABBI	P	A	P	P	A	P	P
23	SNEHA . BASAVARAJ . BISNAL	A	P	P	P	P	A	P
24	RAHEESA . MEHABOOB . USTAD	P	P	P	P	A	P	P
25	AVINASH . SANDEEP . PARULEKAR	A	P	P	P	P	P	A
26	SANDEEP . VALU . RATHOD	A	P	P	P	P	A	P
27	SHWETA . YALLAPPA . BIJAPUR	P	P	P	P	A	P	P
28	VIKAS . SIDDU . JADHAV	A	P	P	P	P	P	A
29	BHAGYASHRE . BASANNA . BIRADAR	P	A	P	P	P	P	P
30	TEJASWINI . TUKARAM . CHAVAN	P	P	P	A	P	P	P
31	SWATI . DHARMARAY . KARJAGI	P	P	P	A	P	P	P
32	VEERESH CHIDANANDA . KULAGERI	P	P	P	P	P	A	A

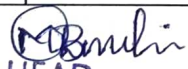
HEAD

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

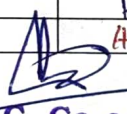
IQAC, Co-ordinator  
S.B.Arts & K.C.P.Science College,  
Vijayapur.

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

33	PRIYA . CHANNABASAPPA . GABASAVALGI	A	P	P	P	P	D	A
34	SATISH . TARASING . CHAVAN	P	P	P	A	P	P	P
35	VIJAYALAXMI . SOMASHEKHAR . PATIL	P	A	P	P	P	P	P
36	MALLAMMA . GIRIYAPPAGOUDA . BIRADAR	P	P	P	P	P	P	A
37	POOJA . SURESH . NAGARI	A	P	P	P	P	A	P
38	SANTOSH . SADASHIVA . MELINAMANI	P	P	A	P	A	P	D
39	MAHESH . NANAGOUDA . PARASANAHALI	A	P	P	P	P	P	P
40	ANJANEYA . NARASAYYA . KALAL	A	P	P	P	P	P	A
41	HUNNU . JAIRAM . LAMANI	P	A	P	P	P	A	P
42	RAHUL . PRABHKAR . NAIK	A	P	P	A	P	P	P
43	SANGAMESH . BASAVARAJ . MUDHOL	P	P	A	P	P	A	P
44	GAYATRI . SANGANNA . KODEKAL	A	P	P	A	P	P	P
45	SWATI . BASAVARAJ . GANACHARI	P	P	A	P	P	P	A
46	SUJATA . DHANSING . CHAVAN	P	P	A	P	P	A	P
47	KAVERI . SANGANAGOUDA . CHOUDHARI	P	A	P	P	A	P	P
48	AKSHAY . MONAPPA . BADIGER	A	P	P	P	P	P	A
49	SHWETA . SHRIMANT . RUGI	P	A	P	P	P	A	P
50	VEENAKUMARI . BABANNAGOWDA . BIRADAR	A	P	P	P	A	P	P
51	CHANDRAKANT . DHANASHING . RATHOD	P	P	P	A	P	P	P
52	MALAVIKA . BASALIGAPPA . BIDARI	A	P	P	P	P	P	P
53	DEEPTI . VEERAPPA . MASUTI	P	A	P	P	P	A	P
54	VARSHA . SANGANNA . TOPI	P	P	A	P	P	A	P
55	RAVI . BABU . JINJARWAD	A	P	P	A	P	P	A
56	DIVYA . DHEVAPPA . BHAIRASHETTI	A	P	P	A	P	P	P
57	VIKRAM . HANAMANTRAY . IRAGOND	P	A	P	P	A	P	P
58	GEETA . SHIVANAGOUDA . BIRADAR	A	P	P	P	P	P	P
59	POOJA . PANDURANG . KAVI	P	P	P	A	P	P	P
60	ARUNKUMAR . IRAGOND . MAMADAPUR	P	P	A	P	P	P	P
61	RENUKA . BASANNA . KOTARAGASTI	P	A	P	P	A	P	P
62	SHWETA . BALASAHEB . KAMGOND	A	P	P	P	P	A	P
63	ARUNKUMAR . RAYAPPA . HANDIGANUR	P	A	P	A	P	P	P
64	MAHESH . IRAPPA . HOSAMANI	P	P	P	P	P	A	P
65	ASHARANI . PARVATAYYA . MATHAPATI	P	P	P	A	P	P	A
66	ANJANADEVII . MALLAPPA . KABBIN	P	P	A	P	A	P	A
67	AMBADAS . VENKATRAO . HAMELPURE	A	P	A	P	P	P	P
68	AMRUTA . SHRISHAIL . GIDAVEER	P	P	P	P	P	P	A
69	SHWETA . PARAPPA . KENGANAL	P	A	P	A	P	P	P
70	VIRESH . RAMESH . TOTAD	P	P	A	P	A	P	P
71	ADITYA . BALAKRISHNA . SALUNKE	P	P	P	A	P	P	A
72	PRANESH . BASAVARAJ . KANNOLLI	A	P	A	P	P	A	P
73	GIRESH . JNANOBARAY . CHOUDHARI	P	A	P	P	A	P	P
74	RAHUL . PARAGONDAPPA . BAGALI	A	P	P	P	P	P	A
75	SHIVANAGOUD . SIDDANAGOUD . BIRADAR	P	P	A	P	P	A	P
76	PRIYA . UDAY . PATIL	A	P	P	A	P	P	P
77	MALLAPPA . KASHINATH . PATIL	P	A	P	P	P	P	A
78	DEVENDRA . SHIVASHARAN . BIRADAR	A	P	P	P	P	P	P

  
HEAD

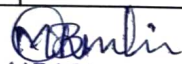
Department of Botany  
SB Arts & KCP Science College  
VIJAYAPUR-586103.

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


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




79	RAHUL . SHRIMANTAGOUDA . PATIL	P	P	P	A	P	P	A
80	ABHISHEK . ARAVIND . CHOUDHARI	A	P	P	P	P	P	P
81	SANTOSH . SHANTAPPA . NAYKODI	P	P	P	P	A	P	P
82	AKSHATA . SADANAND . SUGUR	P	P	A	P	P	A	P
83	SOMANATH . CHIDANAND . BAGALAKOT	A	P	A	P	A	P	P
84	ARJUN . DONDIBA . MOHITE	P	A	P	P	P	P	A
85	MALAKARADDI . MALLANAGOUDA . CHOUDRI	P	P	P	A	P	P	A
86	SACHIN . SURESH . PARAGOND	P	A	P	P	P	A	P
87	SHASHIKUMAR . S . BUDANUR	P	P	A	P	A	P	P
88	SHIVARAJ . BHEEMASHANKAR . BAIRAMADI	A	P	P	P	A	P	P
89	MEGHA . SHRIKANT . KUBSAD	P	P	P	A	P	P	P
90	ARUNKUMAR . BABURAO . BANIKOL	A	P	P	P	A	P	A
91	POOJA . BASAVARAJ . ANGADI	P	A	P	P	P	P	P
92	GANESH . PARMANAND . KUDAGI	P	P	A	P	P	A	P
93	VIJAYALAXMI . SANGAPPA . NAGARALLI	A	P	P	A	P	P	P
94	UTTAM . SHEKHAR . KAMBLE	P	A	P	P	P	P	A
95	MANOJ . SHIVALINGAPPA . DUDAGI	P	P	P	P	P	A	P
96	CHARANTAYYA . SADAYYA . HIREMATH	P	P	P	P	A	P	P
97	CHAITRA . NINGAPPA . MAYUR	A	P	P	P	P	P	P
98	ANITA . NANAGOUDA . CHOUDRI	P	A	P	P	P	P	P
99	SUMA . SOMASING . CHAVAN	A	P	P	A	P	P	P
100	SUPRIYA . SHARANAPPA . KERUTAGI	P	P	P	A	P	P	P
101	RASHMI . PRAKASH . INDI	A	P	A	P	P	P	P
102	SHARANAGOUD . S . POLICEPATIL	P	P	A	P	P	P	A
103	VIDYA . RAJASHEKHAR . HITTI	P	P	P	P	P	P	A
104	LAXMI . KASHINATHA . BADIGER	P	P	P	P	P	A	P
105	MADIWALAPPA . RAMACHANDRA . BADIGER	P	A	P	P	P	P	P
106	ANIL . MANIK . CHAVAN	P	P	P	P	A	P	P
107	CHAITRA . RAMESH . NEELAGAR	A	P	P	P	P	P	P
108	LAKSHMAN . SHREEMANT . CHATTARAKI	P	P	P	P	P	A	P
109	SHIVANI . SANGAMESH . NAYAKODI	A	P	P	A	P	P	P
110	SHANTALA . SIDDAPPA . MADARKHANDI	P	P	P	P	P	A	P
111	SOUMYA . MAHAVEER . BOGAR	P	P	A	P	P	P	A
112	SUNIL . PANDURANG . PAWAR	P	A	P	P	P	P	P
113	SHRISHAIL . SHIVANAND . BIRADAR	P	P	P	P	A	P	P
114	ARCHANA . RAMJI . MISAL	A	P	A	P	P	P	P
115	PRIYANKA . RAMAGOND . CHAVAR	P	P	P	A	P	P	P
116	SUNIL . SHIVALAL . PAWAR	P	P	A	P	P	P	A
117	PREETI . VIJAYAKUMAR . PAWAR	P	A	P	P	A	P	P
118	SHASHIKANT . DHANASING . RATHOD	P	P	P	P	P	P	A
119	AKSHATA . SHAVANNA . BOLASUR	P	P	P	P	P	A	P
120	SHREYA . BALAKRISHNA . SHETTY	A	P	P	P	P	P	A
121	POOJA . SANGAPPA . PYATIGOUDAR	P	P	A	P	P	P	P
122	KEERTI . MALLAPPA . MUDDEBIHAL	P	A	P	A	P	P	P
123	KHATUNABI . MOULALI . MULLA	P	P	P	P	P	P	A
124	PRIYANKA . HANAMANT . MANAGULI	P	P	P	P	P	A	P
125	KEERTI . RAVI . UMARANI	A	P	P	P	P	P	A
126	GURURAJ . KALLAPPA . POOJARI	A	P	A	P	P	P	P

  
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 & K.C.P. Science College,  
VIJAYAPUR.



127	PRIYA . PARASHURAM . KATAKE	P	A	P	P	P	P	P
128	KANYAKUMARI . ANNAPPA . HUTAGI	A	P	P	P	P	A	P
128	SANDEEP . SIDRAM . KUDIGANOOOR	P	P	P	P	A	P	P
129	AKSHATA . GOLAPPA . PATTANAD	A	P	P	A	P	P	A
130	KAVITA . BASAPPA . ENAGI	P	P	A	P	P	P	P
131	VIDYASHREE . NAGAPPA . GOTYAL	A	P	P	P	A	P	P
132	DANAMMA . SOMASHEKHAR . BHUSARI	P	A	P	P	P	P	P
133	TRUPTI . GANAPATARAO . SURYAVANSHI	P	P	P	P	P	A	P
134	KARTIK . ASHOK . JADHAV	P	A	P	P	A	P	P
135	SHILPA . BASAPPA . DALWAI	A	P	P	A	P	P	P
136	HEMAVATI . HANAMANTARAO . KHANDEKAR	P	P	A	P	P	P	A
137	ARCHANA . SHRISHAIL GOUDA . PATIL	P	P	A	P	P	P	P
138	AAMIR SOHAIL . ABDUL RAZAK . MULLA	P	A	P	P	P	A	P
139	PRATIMA . BASAVARAJ . HANJI	A	P	P	P	P	P	P

  
HEAD

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

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

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



Centenary Year 2010

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



**DEPARTMENT OF BOTANY**  
**ATTENDANCE LIST FOR TUTORIALS (2016-2017)**

CLASS : BSC IV SEMESTER

FACULTY NAME : Dr. M. B. Mulla  
Prof. G. M. Neswal

Sl.No.	Name of the Student	29/1/17	5/2/17	12/2/17	19/2/17	26/2/17	5/3/17	12/3/17
1	AKSHATA . BASANAGOUDA . NAGARADDI	P	P	P	P	A	P	P
2	SUNITA . MADIVALAPPAGOUDA . PATIL	P	A	P	P	P	P	P
3	BASAVARAJ . MALLANNA . *	A	P	P	A	P	P	P
4	VINITA . RAMESH . KAMBALE	P	P	A	P	P	P	A
5	LAXMEEKANT . DODDAPPA . HUNACHYAL	P	P	P	P	A	P	P
6	POORNIMA . JINENDRA . KESSTI	A	P	P	P	A	P	P
7	PRIYANKA . KAREPPA . POOJARI	P	A	P	P	P	P	A
8	SANMATI . LAXMIKANT . KIRANAGI	P	P	P	A	P	P	P
9	PRIYANKA . RAJENDRA . RATNAKAR	P	P	P	P	P	A	P
10	DEEPA . MUKUND . KAMBLE	A	P	P	P	P	P	P
11	NAVEEN . SIDAGOUD . PATIL	P	P	A	P	P	P	P
12	JYOTI . LAXMAN . MANSHETTI	P	P	P	P	A	P	P
13	ARATI . SAYABANNA . KOTTALAGI	P	A	P	A	P	P	P
14	ROHAN . DUNDAPPA . BELLUNDAGI	P	P	P	P	P	P	A
15	SHREEDHAR . SHANTAPPA . PARASHETTI	P	P	A	P	P	P	P
16	IRANNA . BASAVARAJ . BIRADAR	P	P	A	P	A	P	P
17	RANJEETA . CHANNAPPA . DALAWAI	P	P	P	A	P	A	P
18	SHRUTI . SOMANINGA . NAKKARAGUNDI	A	P	P	P	P	A	P
19	KASHINATHA . MALLIKARJUN . BAGALI	P	A	P	P	P	P	P
20	RAJKUMAR . SHIVANNA . BHAIKASHETTI	A	P	P	P	P	P	P
21	POOJA . KASHINATH . SAJJAN	P	P	P	P	P	P	A
22	RAMYA . RAMACHANDRA . BADIGER	P	P	A	P	P	P	P
23	VIJEETA . LAXMAN . THORAVI	P	P	P	A	P	P	P
24	LAXMI . APPASAHEB . MODI	P	A	P	A	P	P	P
25	REKHA . SHIVANAND . MALI	A	P	P	P	P	P	P
26	VIJAYALAXMI . GOPAL . KUMBAR	P	A	P	P	P	P	P
27	SUNIL . MADHU . CHAVAN	P	P	P	P	P	A	P
28	SANTOSH . VALU . RATHOD	P	P	P	A	P	P	A
29	RAFEEQ . FAQROODDIN . SOUDAGAR	P	P	P	P	A	P	P
30	RAVI . ARJUN . GADED	A	P	P	P	P	P	P
31	SIDDHARAM . CHANDRASHEKHAR . KOTTALAGI	P	P	A	P	P	P	P
32	AKSHAKUMAR . MOHANRAO . DESHPANDE	P	A	P	P	A	P	P

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 & K.C.P. Science College,  
VIJAYAPUR.



33	ROHINI . MURUGHENDRA . VASTRAD	A	P	P	P	P	P	P
34	PARIS . SATHYAPPA . NEMGOUD	P	A	P	P	P	A	P
35	SOUMYA . SANGAMESH . YATAD	P	P	P	A	P	P	P
36	BASAYYA . MALLIKARJUN . HIREMATH	P	P	P	P	P	P	A
37	SANDYA . MOTILAL . RATHOD	A	P	A	P	P	P	P
38	HANAMANT . ASHOK . DHUMALE	P	P	P	A	P	A	P
39	KAVYA . MOTILAL . RATHOD	A	P	P	P	P	P	A
40	CHANABASAYYA . S . HIREMATH	P	P	P	A	P	A	P
41	AISHWARYA . SHREESHAIL . SAJJAN	P	A	P	P	P	A	P
42	BIBIZAHERA . GOUSEMOHADIN . BEVANUR	P	A	P	P	A	P	P
43	MOHAMMADJUBER S . DHUNDASI	P	P	P	P	P	A	P
44	AISHWARYA . NAGARAJ . SHETTY	A	P	P	A	P	P	A
45	RIYA . PRAKASH . SHETTY	P	P	P	P	P	P	P
46	PRIYANK . PARAPPA . CHOUDRI	A	P	P	P	P	P	P
47	SUSHMITA . SURESH . CHOUDARI	P	P	P	P	A	P	P
48	BHUVANESHWARI . CHIDANAND . BIRADAR	A	P	P	P	P	A	P
49	GANGA . VIDYARANYA . THOBBI	P	P	P	A	P	P	P
50	RAHUL . GANGADHAR . KOLLI	P	A	A	P	P	P	P
51	PRABHAKAR . SHIVANAND . BHANDARAKAVTE	A	P	P	P	P	P	P
52	LALASAHEB . DAVALASO . NADAF	P	P	P	P	P	A	P
53	VILAS . ABHIMANYA . KAMBLE	A	P	P	P	A	P	P
54	AKSHAY . MALLANAGOUDA . PATIL	P	A	P	A	P	P	P
55	SACHIN . SADASHIV . AMMANAGI	P	P	P	P	P	A	P
56	PRAJWAL . SATEESH . HALINGALI	P	P	A	P	P	P	A
57	BHUVANESHWARI . RAMESH . KOTIN	P	P	P	P	P	P	P
58	VIJAYALAXMI . VITTHAL . KATNALLI	A	P	P	P	P	P	P
59	POOJA . KRISHNAMURTI . KHAMITKAR	P	A	P	P	A	P	P
60	SWAPNA . SURESH . BAGALI	P	P	P	A	P	P	P
61	LEELA . PAVADEPPA . HARIJAN	P	P	P	P	P	A	P
62	AKSHAY . MAHADEV . BANNE	A	P	P	P	A	P	P
63	ANAND . BHEEMASING . CHAVAN	P	P	P	P	P	P	A
64	RAHUL . VIJAYKUMAR . RATHOD	P	A	P	P	P	P	P
65	SUSHMITA.A.T . AMRESH.B.T . .	P	P	A	P	P	P	P
66	SAVITRI . SURESH . MUDALAGI	A	P	P	P	P	A	P
67	TANUJA . DANESH . VAGOLI	P	A	P	P	P	P	A
68	ARATI . SOMALING . DUDAGI	P	P	P	A	P	P	P
69	APOORVA . BASAVARAJ . BHUI	P	P	P	P	A	P	P
70	SHWETA . SHIVARAYA . KALELI	P	A	P	P	P	A	P
71	DRAKSHAYANI . DAREPPA . BIRADAR	P	P	A	P	P	P	P
72	SHRUTI . BASAVARAJ . MASALI	A	P	P	P	P	P	A
73	SANGEETA . DHANASING . CHAVAN	P	P	P	P	P	P	A
74	POOJA . SUBHAS . TALAKERI	A	P	P	P	P	P	P
75	SACHIN . ANIL . HONAWAD	P	P	P	P	P	P	A
76	PREKSHA . PRAVIN . KASAR	P	P	P	A	P	A	P
77	PRIYAL . PRAVIN . KASAR	P	A	P	P	A	P	P
78	SAIPAN . MAHIBOOB . KHATIK	P	A	P	P	A	P	P

*M. M. M. S.*  
HEAD

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

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

*W.S.*  
Principal,  
S.B.Arts & K.C.P. Science College  
VIJAYAPUR.



79	HARSHA . DATTATREYA . BELAGALI	P	P	A	P	P	P	P
80	LAXMI . SADASHIV . JUNJARAWAD	P	P	P	P	P	P	A
81	MEGHA . BASAVARAJ . WARAD	A	P	P	P	P	P	P
82	HEMANT . SIDDAPPA . BHOVI	P	A	P	P	A	P	P
83	BHEERAPPA . BHEEMARAYA . KALLUR	A	P	P	A	P	P	P
84	GANAVI . MANJUNATH . .	P	P	P	P	P	A	P
85	VISHAL . VITTAL . BIRADAR	A	P	P	A	P	P	A
86	SWATI . RAMU . DALAWAI	P	P	A	P	P	P	P
87	MANJUNATH . ARJUN . JARALE	A	P	P	P	A	P	P
88	SIDRAMAYYA . SHIVAYYA . STAVARAMATH	P	A	P	A	P	P	P
89	MAHESH . GANGARAM . PAWAR	P	P	A	P	P	P	A

  
HEAD

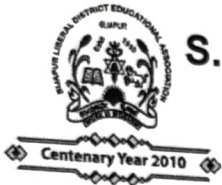
Department of Botany  
SB Arts & KCP Science College  
VIJAYAPUR-586103.



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



**Principal,**  
S.B.Arts & K.C.P. Science College  
VIJAYAPUR.



B.L.D.E.ASSOCIATION'S  
**S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR**  
RE – 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



**DEPARTMENT OF BOTANY**  
**ATTENDANCE LIST FOR TUTORIALS (2016-2017)**

CLASS : BSC VI SEMESTER

FACULTY NAME : G.M. Mesur  
Prof. 2. L. Malghare

Sl.No.	Name of the Student	29/1/17	5/2/17	12/2/17	19/2/17	26/2/17	5/3/17	12/3/17
1	ASHWINI . S.HARIWAL . HARIWAL	A	P	P	P	P	A	P
2	SHILPA . SHIVARADDY . HACHARADDY	P	P	P	P	A	P	P
3	SUSHMITA . REVANASIDDA . PATIL	A	P	P	P	P	P	P
4	ASHA . ARJUN . JIDDI	P	P	P	P	P	P	A
5	RAJASHREE . RAGHAVENDRACHAR . JOSHI	A	P	P	P	A	P	P
6	JYOTHI . GOURISHANKAR . KAMBLE	P	A	P	A	P	P	P
7	GOUTAMI . GURURAJ . KULAKARNI	P	P	P	P	P	P	P
8	SALEEM . ALLASAB . JAMAKHANDI	A	P	P	P	P	P	P
9	ANAND . BHIMARAYA . HALLI	P	P	P	P	P	A	P
10	REVATI . BHUPAL . KANDIBAL	P	A	P	P	P	P	P
11	BHAGAMMA . GADDEPPA . RODAGI	P	P	A	P	P	P	A
12	GUNJANKUMARI . P . MOURYA	A	P	P	P	P	P	P
13	ASIF . MAQBOOL . SOUDAGAR	P	P		P	P	P	A
14	NAVEEN . GURUNINGAPPA . BIRADAR	P	P	P	P	P	A	P
15	AMBARISH . SHREESAIL . BHAIRAMADI	A	P	P	P	A	P	P
16	ANITA . JAGADEVAPPA . BIRADAR	P	A	P	P	A	P	P
17	SWATI . SHASHIDHAR . MATH	P	P	A	P	P	P	A
18	PRIYANKA . SIDDHAROOD . CHINCHOLI	P	A	P	A	P	P	P
19	PRIYANK . SIDDAPPA . BADIGER	A	P	P	P	P	P	P
20	AKSHAY . SHRISHAIL . HIREMATH	P	A	P	P	A	P	P
21	SHREYA . UDAY . PATIL	P	P	P	P	P	A	P
22	SAHANA . SANJEEV . PUROHIT	A	P	P	A	P	P	P
23	SHREEDEVI . SIDDAMALLAYYA . MATH	P	P	P	P	P	P	A
24	LAXMI . RAJASHEKHAR . KAPASE	A	P	P	P	P	P	P
25	HANAMANTA . KULAPPA . SHIVOOOR	P	A	P	P	P	A	P
26	LAXMI . KANTANAGOUDA . PATIL	P	A	P	P	A	P	P
27	POOJA . JAYAKUMAR . WALIKAR	P	P	A	P	P	P	A
28	ASHWINI . ANIL . KULKARNI	P	P	P	P	P	P	A
29	RAJKUMAR . SHIVAJI . JADHAV	P	P	P	A	P	P	P
30	PRAVEENKUMAR . TIPPANNAPPA . DUDDAGI	A	P	P	P	P	P	P
31	OMKAR . VIJAYAKUMAR . BHUSANUR	P	P	P	A	P	P	P
32	MANINGAPPA . SHIVANINGAPPA . KARJOL	P	A	P	P	P	A	P

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 & K.C.P. Science College  
VIJAYAPUR.

33	ASHWINI . SHRISHAIL . WALIKAR	A	P	P	A	P	P	P
34	SHOBHA . SUBBANAGOUDA . PATIL	P	P	P	A	P	P	P
35	SMEETA . RAYAGOND . BIRADAR	P	P	P	P	P	P	A
36	ROHINI . RAVUTAPPA . MASALI	A	P	P	P	A	P	P
37	PRATIBHA . GOLLALAPPA . BIRADAR	P	P	A	P	P	P	P
38	PRIYADARSHINI . CHANDRAKANTH . PATTAR	A	P	P	P	P	P	A
39	ESUBAI . SHAMARYA . DARAGOND	P	A	P	P	A	P	P
40	GAYATRI . CHANDRASHEKHAR . BADIGER	A	P	P	A	P	A	P
41	SHIVAJI . RAMESH . KARBARI	P	P	P	A	P	P	A
42	BONAKKA . SHANKAREPPA . SALOTAGI	A	P	P	P	P	P	P
43	ARPITA URF PALLAVI . ASHOK . PATIL	P	P	P	A	P	P	P
44	PRIYANKA . SUBHASH . NAVADAGI	A	P	P	P	P	A	P
45	SACHITA . MALLAPPA . HONAKAMBLE	P	P	A	P	P	A	P
46	ANUPAMA . ANAND . BARADOL	P	A	P	P	A	P	P
47	SNEHA . BHIMANNA . BAGALKOT	P	P	P	A	P	A	P
48	SARVAMANGALA . SHIVANAND . KOULAGI	P	P	A	P	A	P	P
49	DANESHWARI . SHANKER . BAGALI	A	P	P	P	A	P	P
50	DHANAMMA . BHIMARAY . BIJJARAGI	P	P	P	P	P	P	A
51	TRIVENI . APPASAHEB . .	A	P	A	P	P	P	P

  
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 & K.C.P. Science College,  
VIJAYAPUR.



## Genetically modified organism

genome has been engineered in the laboratory in order to favor the expression of desired physiological traits or the generation of desired biological products. In conventional livestock production, crop farming, and even pet breeding, it has long been the practice to breed select individuals of a species in order to produce offspring that have desirable traits. In genetic modification, however, recombinant genetic technologies are employed to produce organisms whose genomes have been precisely altered at the molecular level, usually by the inclusion of genes from unrelated species of organisms that code for traits that would not be obtained easily through conventional selective breeding.



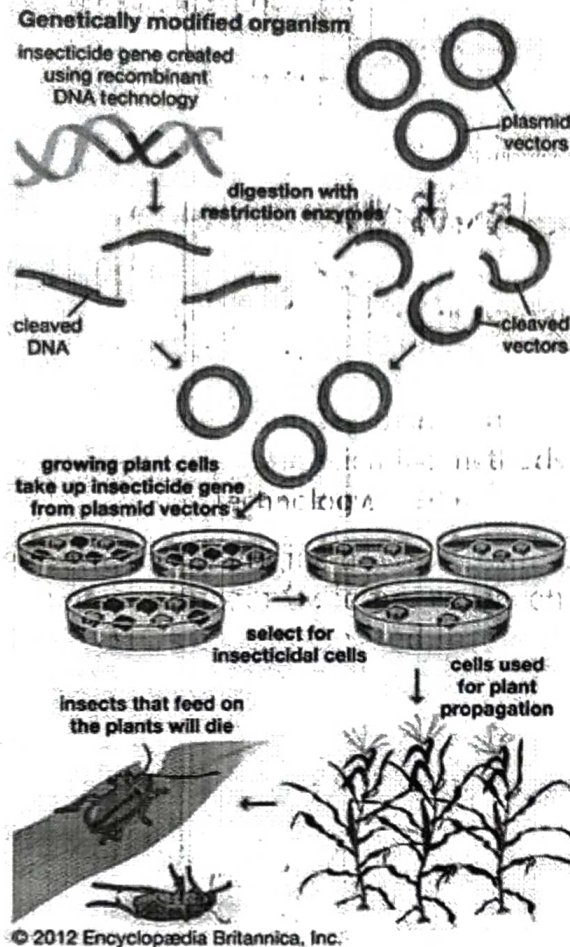
### Genetically modified organisms (GMOs)

Genetically modified organisms (GMOs) are produced using scientific methods that include recombinant DNA technology and reproductive cloning. In reproductive cloning, a nucleus is extracted from a cell of the individual to be cloned and is inserted into the enucleated cytoplasm of a host egg (an enucleated egg is an egg cell that has had its own nucleus removed). The process results in the generation of an offspring that is genetically identical to the donor individual. The first animal produced by means of this cloning technique with a nucleus from an adult donor cell (as opposed to a donor embryo) was a sheep named Dolly, born in 1996. Since then a number of other animals, including pigs, horses, and dogs, have been generated by reproductive cloning technology. Recombinant DNA technology, on the other hand, involves the insertion of one or more individual genes from an organism of one species into the DNA (deoxyribonucleic acid) of another. Whole-genome replacement, involving the transplantation of one bacterial genome into the "cell body," or cytoplasm, of another microorganism, has been reported, although this technology is still limited to basic scientific applications.

Genetically modified organisms (GMOs) are produced using scientific methods that include recombinant DNA technology and reproductive cloning. In reproductive cloning, a nucleus is extracted from a cell of the individual to be cloned and is inserted into the enucleated cytoplasm of a host egg (an enucleated egg is an egg cell that has had its own nucleus removed). The process results in the generation of an offspring that is genetically identical to the donor individual. The first animal produced by means of this cloning technique with a nucleus from an adult donor cell (as opposed to a donor embryo) was a sheep named Dolly, born in 1996. Since then a number of other animals, including pigs, horses, and dogs, have been generated by reproductive cloning technology. Recombinant DNA technology, on the other hand, involves the insertion of one or more individual genes from an organism of one species into the DNA (deoxyribonucleic acid) of another. Whole-genome replacement, involving the transplantation of one bacterial genome into the "cell body," or cytoplasm, of another microorganism, has been reported, although this technology is still limited to basic scientific applications.

*Continued.*





### genetically modified organisms

Genetically modified organisms are produced using scientific methods that include recombinant DNA technology.

GMOs produced through genetic technologies have become a part of everyday life, entering into society through agriculture, medicine, research, and environmental management. However, while GMOs have benefited human society in many ways, some disadvantages exist; therefore, the production of GMOs remains a highly controversial topic in many parts of the world.

*[Signature]*  
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,  
VIJAYAPUR.

B.L.D.E Association's


**S.B. Arts and K.C.P. Science College, Vijayapur,**

**Department of Botany**

## **REPORT**

Prof.L.L.Malghan, Dr.M.B.Mulimani ,Prof G .M .Nesur. faculty of Botany department conducted the tutorials for the BSc II, IV and VI semester students in the academic year 2016-17. The student attended the classes as per the prior set timetable.

These tutorials posed to enhance the additional knowledge to the existing curricular study the students became more study oriented. The students here studied about the modern concepts of evaluation.

  
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 & K.C.P. Science College,  
VIJAYAPUR.