



Shri Shivaji Education Society Amravati's

**Shri Shivaji Science and Arts College, Chikhli.**

**Dist. Buldana-443201**

Reaccredited by NAAC with B++ grade (CGPA 2.82)

ISO:9001-2015



**3rd Cycle**

**Assessment & Accreditation by NAAC**

## **CRITERION-I**

### **CURRICULAR ASPECTS**

#### **QIM-1.1.1**

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE**  
**CHIKHLI DIST. BULDANA**



**Shri Harshawardhan P. Deshmukh**  
President  
Shri Shivaji Education Society, Amravati

www.shivajichk.ac.in email : shivajichk@rediff.com ☎ (07264) 242088

Re-accredited by NAAC with B++ Grade [CGPA - 2.82]

**Dr. Omraj S. Deshmukh**  
Principal  
M.Sc., Ph.D.

Ref.No. SSSAC/IQAC/2022 .

Date: 31/8/2022

**Self Declaration**

This is to certify that, the information, reports, true copies of the supporting documents, numerical data, and weblinks furnished in this file are verified by IQAC and the head of the institution and found correct.

Hence this certificate is issued.

V. U. Pochhi  
**Dr. V. U. Pochhi**  
Coordinator  
IQAC, Shri Shivaji Sci. & Arts  
College, Chikhli Dist. Buldana



Dr. Omraj S. Deshmukh  
**Dr. Omraj S. Deshmukh**  
PRINCIPAL  
Shri Shivaji Science & Arts  
College, Chikhli, Dist. Buldana

**1.1.1. The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



<b>Sr.No</b>	<b>Contents</b>	<b>Page No.</b>
<b>1</b>	<b>Self-Declaration</b>	<b>01</b>
<b>2</b>	<b>Academic calendars of the institute</b>	<b>02</b>
	<b>2021</b>	
	<b>2020</b>	
	<b>2019</b>	
	<b>2018</b>	
	<b>2017</b>	
<b>3</b>	<b>Departmental Meeting Register Notice, Minutes, ATR (Sample)</b>	<b>22</b>
	<b>2021</b>	
	<b>2020</b>	
	<b>2019</b>	
	<b>2018</b>	
	<b>2017</b>	
<b>4</b>	<b>Time-Table (Sample)</b>	<b>59</b>
	<b>2021</b>	
	<b>2020</b>	
	<b>2019</b>	
	<b>2018</b>	
	<b>2017</b>	
<b>5</b>	<b>Teaching Diary (Sample)</b>	<b>86</b>
	<b>2021</b>	
	<b>2020</b>	
	<b>2019</b>	
	<b>2018</b>	
	<b>2017</b>	
<b>6</b>	<b>Departmental Library</b>	<b>175</b>
<b>7</b>	<b>Internal Assessment</b>	<b>193</b>

**1.1.1. The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

---

## **Academic Calendars 2021-22**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

Shri Shivaji Education Society, Amravati's

**SHRI SHIVAJI SCIENCE & ARTS COLLEGE**

**CHIKHLI DIST. BULDANA (M.S.)**

**Academic Event Calendar 2021-2022**

Day	Activity/Programme	Department/Committee
<b>JUNE-2021</b>		
<b>Working Days- 18</b>		
13 <sup>th</sup>	Admission process starts	Office
21 <sup>st</sup>	International Day of Yoga	N.S.S. / Jr. College
23 <sup>rd</sup>	Staff Council Meeting	Staff Council Committee
26 <sup>th</sup>	Anti Drug Day	Chemistry Department
26 <sup>th</sup>	Rajarshi Shahu Maharaj	Electronics department
<b>JULY-2021</b>		
<b>Working Days - 27</b>		
1st Week	Principal's Address (Faculty Wise)	Seminar Hall
11 <sup>th</sup>	World Population day	Economics Department
23 <sup>th</sup>	Lokmanya Tilak Jayanti	Marathi Department
23 <sup>th</sup>	Forest Conservation Day	Botany Department
26 <sup>th</sup>	Kargil Victory Day	N C C /Jr. College
29 <sup>th</sup>	National Tiger Day Celebration (Guest Lecture)	Zoology Department
<b>AUGUST-2021</b>		
<b>Working Days -23</b>		
1 <sup>st</sup>	Attendance Defaulter list	All HOD & Teaching Staff
	World Breast Feeding Day	Home Economics Department
	Annabhau Sathe Jayanti	Marathi Department
	Lokmanya Tilak Smruti Din	Jr. College
6 <sup>th</sup>	Hiroshima Day	History Dept. /Jr. College
9 <sup>th</sup>	August Kranti Din	N C C /N S S / Jr. College
	Dr. S. R. Ranganathan Jayanti	Library
12 <sup>th</sup>	Dr. Vikram Sarabhai Jayanti	Physics Department
15 <sup>th</sup>	Independence Day	N C C / Sports /Jr. College
22 <sup>th</sup>	Eco-friendly Rakhi Celebration	Botany Department
29 <sup>th</sup>	National Sports Day	Physical Edu. Department
4 <sup>th</sup> Week	20 days Workshop on Communication Skills in English	English Department

1

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



	IQAC Meeting	IQAC Department
<b>SEPTEMBER-2021</b>		
<b>Working Days -20</b>		
1 st	Admission Process	Admission Committee
1 st to 7 th	Nutrition week	Home Economics Department
5 th	Teacher's Day	Jr. College (Supervisor)
8 th	International Literacy Day	English Department /NSS
10 th	Ganesh Chaturthi	Holiday
13 th	Gauri Pujan	Holiday
16 th	Ozone Day	Zoology Department
20th	Dalitmitra Pandharinath Patil Jayanti	Cultural Committee
22th	Blood Donation Day	N S S I N C C I Jr. College
27 th	<b>Odd Semester Starts</b>	<b>All Departments</b>
27 th	Dr. S. R. Ranganathan Death Anniversary	Library I Jr. College
	World Tourism Day	History Department
4 th Week	Induction Program	IQAC Department
<b>OCTOBER-2021</b>		
<b>Winter Vacation (Thursday 24 October 2021 to Wednesday 20 November 2021)</b>		
1st to 7th	Wildlife Conservation week	Zoology Department
2 nd	Dalitmitra Pandharinath Patil Jayanti	Cultural Committee
	Mahatma Gandhi & Lalbahadur Shastri Jayanti	Cultural Committee
6 th	Sarvapitri Amavasya	Holiday
15 th	Dasara	Holiday
16th	World Food Day	Economics Department
19 th	Eid-Id-Millad	Holiday
2 nd Week	IQAC Meeting	IQAC Department
20th	National Integration Day	Physical Edu. Department
21th	Alfred Nobel Birth Anniversary	Chemistry Department
30th	Dr. Homi Bhabha Day	Physics Department
<b>NOVEMBER-2021</b>		
<b>Working Days -24</b>		
1 st to 6 th	First Term Vaccation	Holidays
7th	Anti-Poverty Day	Economics Department
11th	National Education Day	Zoology Department
14th	Pandit Jawaharlal Nehru Jayanti	English Department
19 th	Gurunanak Jayanti	Holiday
26 th	Indian Constitution Day Oath Taking & Guest Lecture	Political Science Department
<b>College Reopens / Second Term Begins Thursday 6 Nov 2021</b>		
4 th Week	N C C Day	N C C Department


2

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

28th	Mahatma Fule Death Anniversary	History Department
30 th	Dr. J. C. Bose Jayanti	Botany Department
<b>DECEMBER -2021</b>		
<b>Working Days -24</b>		
1st	World AID's Day	Microbiology Department/N S S / N C C
1 week	Allotment of assignment, Project, Seminar Topic. Group Discussion	All Departments
6th	Dr. Ambedkar Mahaparinirvan Day	Cultural Committee / N S S
10 th	Human Rights Day	Political Science Department
15th-21st	Education / Excursion Tours / field studies/Industrial visit	Respective Departments
3 rd Week	Internal Assessment Unit Test	All Departments
20th	Sant Gadge Baba Smruti Din	N S S / Marathi Department
22th	Shrinivas Ramanujan Jayanti	Mathematics Department
24 th	Indian Consumer Day	Commerce Department
25th- 27th	Dr. Panjabrao Deshmukh Jayanti Utsav&	Cultural Committee
25th	Alumni Day, Good Governance Day	Alumni Association
<b>JANUARY -2022</b>		
<b>Working Days -25</b>		
3 rd	Savitribai Fule Jayanti & Mahila Mukti Din	Marathi Department
1 sd Week	IQAC Meeting	IQAC Department
12th	Youth Day Jijau Maasaheb Jayanfi	N S S / N C C / Jr. College
14 th	Makar Sankranti	Holiday
15 th	Army Day	N C C Department
17 th	Odd Semester University Examination Starts	Examination Department
25 th to 30th	Education / Excursion Tours Respectivefield studies/Industrial	Respective Departments
25 th	National Voting Day	Political Science Deptt.
26 th	Republic Day	NSS/NCC/Phy. Edu. Deptt
	Annual Prize Distribution	Prize Distribution Committee
30 th	Hutatma Day	N S S
	Anti Leprosy Day	Microbiology Department
<b>FEBRUARY -2022</b>		
<b>Working Days -24</b>		
<b>7 st</b>	<b>Even Semester Starts</b>	<b>All Departments</b>
3rd week	Week Farewell Function	Jr./Sr. College Faculty Wise
19th	Chhatrapati Shivaji Maharaj Jayanti	History Department
12 th	Subhash Chandra Bose Jayanti	N S S / N C C / Jr. College
23 th	Sant Gadge Baba Death Anniversary	N S S
27th	Marathi Bhasha Divas	Marathi Department
28th	National Science Day	Comp. science Deptt
<b>MARCH-2022</b>		

<b>Working Days -24</b>		
1st	Attendance Defaulter list	All HOD & Teaching Staff
1st	Mahashivratri	Holiday
8 th	International Women's Day	Women Nurtur Cell
18 th	Holi	Holiday
20 th	World Sparrow Day	Zoology Department
22th	World Water Day	Chemistry Department
24th	World Tuberculosis (T. B.) Day	Microbiology Department
4 th Week	Internal Assessment Unit Test	All Departments
<b>APRIL-2022</b>		
<b>Working Days -24</b>		
1st	Attendance Defaulter list	All HOD & Teaching Staff
2 nd	Gudi Padawa	Holiday
7th	World Health Day	Physical Edu. Department
10 th	Dr. Panjabrao Deshmukh Jayanti	Cultural Committee
11th	Mahatma Phule Jayanti	Cultural Committee
14th	Dr. Babasaheb Ambedkar Jayanti	Cultural Committee
15 th	Good Friday	Holiday
22nd	Earth Day	Zoology Department
23rd	World Book Day	Library / Jr. College
4 th Week	IQAC Meeting	IQAC Department
<b>MAY-2022</b>		
<b>Working days-0</b>		
1st	Maharashtra Day & Labour Day	Office
3 rd	Ramjan Eid	Holiday
8th	World Red Cross Day	N S S
16 th	Buddha Pournima	Holiday
22th	International Biodiversity Day	Zoology / Botany Department
<b>JUNE - 2022</b>		
1 th to 30 th	University Even Semester Examination	Examination Department



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## **Academic Calendars 2020-21**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE**  
**CHIKHLI DIST. BULDANA (M.S.)**  
**Academic Event Calendar 2020-2021**

Day	Activity/Programme	Department/Committee
<b>AUGUST-2020</b>		
<b>Working Days</b>		
1 st	World Breast Feeding Day	Home Economics Department
	AnnabhauSathe Jayanti	Marathi Department
	Lokmanya Tilak Smruti Din	Jr. College
<b>4 th</b>	<b>First Session (Odd Semester)</b>	<b>All Departments</b>
6th	Hiroshima Day	History Dept. /Jr. College
<b>9 th</b>	<b>Even Semester Examination</b>	<b>Exam Department</b>
9 th	August Kranti Din	N C C /N S S / Jr. College
	Dr. S. R. Ranganathan Jayanti	Library
12th	Dr. VikramSarabhoi Jayanti	Physics Department
15th	Independence Day	N C C / Sports /Jr. College
<b>16 th</b>	<b>Parshi New Year</b>	<b>Holiday</b>
<b>17 th August to 23 November (Teaching Days) First Session</b>		
<b>22 th</b>	<b>Ganesh Chaturthi</b>	<b>Holiday</b>
22 th	Eco-friendly Rakhi Celebration	Botany Department
<b>26 th</b>	<b>Gouri Poojan</b>	<b>Holiday</b>
29th	National Sports Day	Physical Edu. Department
4 th Week	20 days Workshop on Communication Skills in English	English Department
	IQAC Meeting	IQAC Department
<b>30 th</b>	<b>Moharam</b>	<b>Holiday</b>
<b>30 th</b>	<b>Commencement of Next Academic Session</b>	
<b>SEPTEMBER-2020</b>		
<b>Working Days</b>		
<b>1 st</b>	<b>Anant Chaturdashi</b>	<b>Holiday</b>
1 st	Admission Process	Admission Committee
1 st to 7 th	Nutrition week	Home Economics Department
5 th	Teacher's Day	Jr. College (Supervisor)

1

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

8 th	International Literacy Day	English Department /NSS
16 th	Ozone Day	Zoology Department
17 th	Sarvapitri Amawasayya	Holiday
20th	Dalitmitra Pandharinath Patil Jayanti	Cultural Committee
22th	Blood Donation Day	N S S I N C C I Jr. College
27 th	Odd Semester Starts	All Departments
27 th	Dr. S. R. Ranganathan Death Anniversary	Library I Jr. College
	World Tourism Day	History Department
4 th Week	Induction Program	IQAC Department
<b>OCTOBER-2020</b>		
1st to 7th	Wildlife Conservation week	Zoology Department
2 nd	Dalitmitra Pandharinath Patil Jayanti	Cultural Committee
	Mahatma Gandhi & Lalbahadur Shashtri Jayanti	Cultural Committee
16th	World Food Day	Economics Department
19 th October to 07 th November	Summer Examination 2020	Examination Department
2 nd Week	IQAC Meeting	IQAC Department
20th	National Integration Day	Physical Edu. Department
21th	Alfred Nobel Birth Anniversary	Chemistry Department
25 th	Daserra	Holiday
30th	Id-E-Milad	Holiday
30th	Dr. Homi Bhabha Day	Physics Department
<b>NOVEMBER-2020</b>		
<b>Working Days</b>		
<b>Winter Vacation (Monday 09 November 2020 to Saturday 21November 2020)</b>		
7th	Anti-Poverty Day	Economics Department
9 th	First Term Vacation	
11th	National Education Day	Zoology Department
14th	Pandit Jawaharlal Nehru Jayanti	English Department
26 th	Indian Constitution Day Oath Taking & Guest Lecture	Political Science Department
27 th to 02 Dec	Induction Program (F. Y.)	All Departments
4 th Week	N C C Day	N C C Department
28th	Mahatma Fule Death Anniversary	History Department
30 th	Gurunanak Jayanti	Holiday
30 th	Dr. J. C. Bose Jayanti	Botany Department

2

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



DECEMBER -2020		
Working Days		
1st	World AID's Day	Microbiology Department/N S S / N C C
1 week	Allotment of assignment, Project, Seminar Topic. Group Discussion	All Departments
6th	Dr. Ambedkar Mahaparinirvan Day	Cultural Committee / N S S
10 th	Human Rights Day	Political Science Department
15 to 20 March	Odd Semester University Examinations	Exam Department
15th-21st	Education / Excursion Tours / field studies/Industrial visit	Respective Departments
3 rd Week	Internal Assessment Unit Test	All Departments
20th	Sant Gadge Baba Smruti Din	N S S / Marathi Department
22th	Shrinivas Ramanujan Jayanti	Mathematics Department
24 th	Indian Consumer Day	Commerce Department
25th- 27th	Dr. Panjabrao Deshmukh Jayanti Utsav&	Cultural Committee
25th	Alumni Day, Good Governance Day	Alumni Association
JANUARY -2021		
Working Days		
3 rd	Savitribai Fule Jayanti & Mahila Mukti Din	Marathi Department
1 sd Week	IQAC Meeting	IQAC Department
12th	Youth Day Jijau Maasaheb Jayanti	N S S / N C C / Jr. College
15 th	Army Day	N C C Department
17 th	Odd Semester University Examination Starts	Examination Department
25 th to 30th	Education / Excursion Tours Respective field studies/Industrial	Respective Departments
25 th	National Voting Day	Political Science Deptt.
26 th	Republic Day	NSS/NCC/Phy. Edu. Deptt
	Annual Prize Distribution	Prize Distribution Committee
30 th	Hutatma Day	N S S
	Anti Leprosy Day	Microbiology Department
FEBRUARY -2021		
Working Days		
3 <sup>rd</sup> week	Week Farewell Function	Jr./Sr. College Faculty Wise
19th	Chhatrapati Shivaji Maharaj Jayanti	History Department
12 th	Subhash Chandra Bose Jayanti	N S S / N C C / Jr. College
15 th Feb to 20 th March	Odd Semester Examination	Examination Department
23 th	Sant Gadge Baba Death Anniversary	N S S
27th	Marathi Bhasha Divas	Marathi Department
28th	National Science Day	Comp. science Deptt

MARCH-2021		
<b>Working Days</b>		
1st	Attendance Defaulter list	All HOD & Teaching Staff
8 th	International Women's Day	Women Nurtur Cell
11 th	Mahashivratri	Holiday
20 th	World Sparrow Day	Zoology Department
22 th	Second Session (Even Semester)	All Department
22th	World Water Day	Chemistry Department
24th	World Tuberculosis (T. B.) Day	Microbiology Department
29 th	Holi	Holiday
4 th Week	Internal Assessment Unit Test	All Departments
APRIL-2021		
<b>Working Days</b>		
1st	Attendance Defaulter list	All HOD & Teaching Staff
2 nd	Good Friday	Holiday
7th	World Health Day	Physical Edu. Department
10 th	Dr. Panjabrao Deshmukh Jayanti	Cultural Committee
11th	Mahatma Phule Jayanti	Cultural Committee
13 th	Gudhi Padwa	Holiday
14th	Dr. Babasaheb Ambedkar Jayanti	Cultural Committee
22nd	Earth Day	Zoology Department
23rd	World Book Day	Library / Jr. College
25 th	Mahavir Jayanti	Holiday
4 th Week	IQAC Meeting	IQAC Department
MAY-2021		
<b>Working Days</b>		
Summer Vacation (Saturday 01 May 2021 to Monday 31 May 2021)		
1st	Maharashtra Day & Labour Day	Office
1 st	Second Term Vacation	
8th	World Red Cross Day	N S S
22th	International Biodiversity Day	Zoology / Botany Department
JUNE - 2021		
1 th to 30 th	University Even Semester Examination	Examination Department

4



*Dr. Omraj S. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
 Principal  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## **Academic Calendars 2019-20**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## The Right to Information Act 2005

As per RTI Act 2005 Para 4 and 5 the following officers are appointed to provide requisite information through channelized procedure.

Particulars	Name and Address	Telephone No.
Institution	Shri Shivaji Science and Arts College, Chikhli Dist. Buldana 443 201	07264-242088
Public Information Officer	Shri. A. D. Warade I/c. Superintendent	07264-242088
First Appellate Officer	Dr. A. M. Garode Officiating Principal	07264-242088

### Academic Calendar 2019-20

तक्ता - १  
(Table - 1)

अ.क्र. (S.N)	कृती/कार्यक्रम (Activity)	प्रारंभ (Commencement)	समाप्ती (Cessation)	एकूण दिवस (Total Days)
१	शैक्षणिक सत्र (प्रथम सत्र) (First Session)	सोमवार, दि. १० जून, २०१९ Monday, 10 June, 2019	बुधवार, दि. २३ ऑक्टोबर, २०१९ Wednesday, 23 October 2019	१०८ 108
२	प्रवेश प्रक्रिया (Admission Process)	सोमवार, दि. १० जून, २०१९ Monday, 10 June, 2019	शनिवार दि. १५ जून २०१९ Saturday, 15 June, 2019	०६ 06
३	शैक्षणिक दिवस (प्रथम सत्र) (Teaching Days) (First Session)	सोमवार दि. १७ जून २०१९ Monday, 17 June, 2019	शनिवार दि. १२ ऑक्टोबर २०१९ Saturday, 12 October 2019	९३ 93
४	हिवाळी परीक्षांची तयारी (Preparation of Winter Examination/College Examination)	सोमवार दि. १४ ऑक्टोबर २०१९ Monday, 14 October, 2019	बुधवार दि. २३ ऑक्टोबर २०१९ Wednesday, 23 October 2019	०९ 09
५	प्रथम सत्र अवकाश (First Term Vacation)	गुरुवार दि. २४ ऑक्टोबर २०१९ Thursday, 24 October, 2019	बुधवार दि. २० नोव्हेंबर २०१९ Wednesday, 20 November 2019	२४ 24
६	शैक्षणिक सत्र (द्वितीय सत्र) (Second Session)	गुरुवार दि. २१ नोव्हेंबर २०१९ Thursday, 24 November, 2019	शनिवार दि. २५ एप्रिल २०२० Saturday, 25 April 2019	१२६ 126
७	शैक्षणिक दिवस (द्वितीय सत्र) (Teaching Days) (Second Session)	शनिवार दि. १४ डिसेंबर २०१९ Saturday, 14 December 2019	शनिवार दि. १८ जानेवारी २०२० (३० दिवस) Saturday, 18 January 2020	९० 90
		सोमवार दि. २७ जानेवारी २०२० Monday, 27 January 2020	सोमवार दि. १३ एप्रिल २०२० Monday, 13 April 2020	
८	विद्यार्थ्यांचे-गेरशैक्षणिक उपक्रम (Extra Curricular Activities of Students)	सोमवार दि. २० जानेवारी २०२० Monday, 20 January 2020	शनिवार दि. २५ जानेवारी २०२० Saturday 25 January 2020	०६ 06
९	उन्हाळी परीक्षांची तयारी Session	बुधवार दि. १५ एप्रिल २०२० Wednesday 15 April 2020	शनिवार दि. २५ एप्रिल २०२० Saturday 25 April 2020	१० 10
१०	द्वितीय सत्र अवकाश Session	सोमवार दि. २७ एप्रिल २०२० Monday, 27 April 2020	शनिवार दि. ६ जून २०२० Saturday 6 June 2020	३६ 36

अ.क्र. (S.N)	कृती/कार्यक्रम (Activity)	प्रारंभ (Commencement)	समाप्ती (Cessation)	एकूण दिवस (Total Days)
1	हिवाळी परीक्षा Winter Examination	गुरुवार दि. १७ ऑक्टोबर २०१९ Thursday, 17 October, 2019	शुक्रवार दि. १३ डिसेंबर २०१९ Friday, 13 December 2019	४६ 46
2	उन्हाळी परीक्षा Summer Examination	बुधवार दि. १५ एप्रिल २०२० Wednesday, 15 April 2020	शनिवार दि. ६ जून २०२० Saturday, 6 June 2020	४६ 46

**Note :**

- The teaching and supportive teaching staff members are not entitled to have the holidays declared by state govt. or collector from time to time, other than above mentioned holidays.
- Technician and supporting non-teaching staff should remain present when the academic staff has no holiday and work is in progress. Principal shall instruct remain present to avoid the difficulties and alternative leave may be sanctioned.



**Under UGC Regulations 2010**

**Abstract of Total Working Days and Available Teaching Days**

<i><b>Categorization</b></i>	<i><b>Number of Weeks (6 days a week pattern) Prescribed for affiliated colleges</b></i>		
	<i><b>First Session</b></i>	<i><b>Second Session</b></i>	<i><b>Total Session</b></i>
Teaching & Learning Process	15	15	30
Admissions / Examinations	5.4	4.2	10
Vacation	03	06	09
Public Holidays	1.2	1.4	03
Total	25	27	52

Note : ♦ Public holidays are being increased by adjusting teaching days  
♦ 0.1 week means 01 day and 1 week means 6 days.



**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## Calender Of Events 2019 - 2020

Day	Activity/Programme	Department/Committee
Jun-19		
Working Days - 18 (Holiday) = 12		
13th	Admission process starts	Office
21st	International Day Of Yoga	N.S.S. / Jr. College
26th	Anti Drug Day	Chemistry Department
	Rajarshi Shahu Maharaj Jayanti	Electronics Department
Jul-19		
Working Days - 27 (Holiday) = 04		
1st Week	Principal's Address (Faculty Wise)	Seminar Hall
	Welcome Function, Introduction	Jr. College Faculty Wise
11th	World Population Day	Economics Department
23th	Lokmanya Tilak Jayanti	Marathi Department
	Forest conservation Day	Botany Department
26th	Kargil Victory Day	N C C / Jr. College
Aug-19		
Working Days - 23 (Holiday) = 07		
1st	Attendance Defaulter list	All HOD & Teaching Staff
	World Breast Feeding Day	Home Eco. Department
	Annabhau Sathe Jayanti	Marathi Department Jr. College
	Lokmanya Tilak Smruti Din	
6th	Hiroshima Day	History Deptt. / Jr. College
9th	August Kranti Din	N C C / N S S / Jr. College
	Dr. S. R. Ranganathan Jayanti	Library
12th	Dr. Vikram Sarabhai Jayanti	Physics Department
15th	Independence Day	N C C / Sports / Jr. College
29th	National Sports Day	Physical Edu. Department
Sep-19		
Working Days - 21 (Holiday) = 09		
1th	Attendance Defaulter list	All HOD & Teaching Staff
1th to 7th	Nutrition Week	Home Eco. Department
5th	Teacher's Day	Jr. College (Supervisor)
8th	International Literacy Day	N S S / Jr. College
16th	Ozone Day	Zoology Department
20th	Dalimitra Pandharinath Patil Jayanti	Cultural Committee
22th	Blood Donation Day	N S S / N C C / Jr. College
27th	Dr. S. R. Ranganathan Death Anniversary	Library / Jr. College
	World Tourism Day	History Department
Oct-19		
Winter Vacation - Thursday October 24, 2019 To Wednesday, November 20, 2019		
Working Days - 24 (Holiday) = 06		
1st	Attendance Defaulter list	All HOD & Teaching Staff
1st to 7th	Wildlife Conservation week	Zoology Department
2nd	Dalimitra Pandharinath Patil Punyatithi	Cultural Committee
	Mahatma Gandhi & Lalbahadur Shastri Jayanti	
16th	World Food Day	Economics Department
20th	National Integration Day	Physical Edu. Department
21th	Alfred Nobel Birth Anniversary	Chemistry Department

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



25th to 30th	Youth Festival	Cultural Committee
30th	Dr. Homi Bhabha Day	Physics Department
Nov-19		
Working Days - 24 (Holiday) = 06		
2nd	Attendance Defaulter list	All HOD & Teaching Staff
7th	Anti Poverty Day	Economics Department
11th	National Education Day	Zoology Department
14th	Pandit Jawaharal Nehru Jayanti	English Department
College Reopens/ Second Term Begins Thursday 21 Nov 2019		
21th to 28th	N. S. S. Camp	N. S. S.
26th	Constitution Day	Political Science
28th	Mahatma Fule Death Anniversary	History Department
30th	Dr. J. C. Bose Jayanti	Botany Department
Dec-19		
Working Days - 24 (Holiday) = 06		
1st	Attendance Defaulter list	All HOD & Teaching Staff
6th	World AID's Day	N S S/ N C C/ Jr. College
	Dr. Ambedkar Mahaparinivran Day	Cultural Committee
10th	Human Rights Day	Political Science Department
15th to 21st	Education / Excursion Tours/ field studies/ Industrial Visit	Respectiv Department
2th	Sant Gadge Baba Smruti Din	N S S / Jr. College
22th	Shrinivas Ramanijan Jayanti	Mathematics Department
24th	Indian Consumer Day	Commerce Department
25th to 27th	Dr. Panjabrao Deshmukh Jayanti Utsav & Socio-Cultural Gathering	Cultural Committee
25th	Alumni Day, Good Governance Day	Alumni Association
Jan-20		
Working Days - 25 (Holiday) = 04		
1st	Attendance Defaulter list	All HOD & Teaching Staff
3rd	Savitibai Fule Jayanti & Mahila Mukti Din	Music/Marathi Department
12th	Youth Day / Jijau Maasaheb Jayanti	N S S/ N C C/ Jr. College
23th	Netaji Subhashchandra Bose Jayanti	
25th to 30th	Education / Excursion Tours/ Respective field studies/ Industrial Visit	Respectiv Department
25th	National Voting Day	Political Science Department
26th	Republic Day	NSS/ NCC/ Jr. College
	Annual Prize Day	Prize Distribution Committee
30th	Hutatma Day	N S S
	Anti Leprosy Day	Microbiology Department
Feb-20		
Working Days - 24 (Holiday) = 05		
1st	Attendance Defaulter list	All HOD & Teaching Staff
3rd Week	Fairwell Function	Jr./Sr. College Faculty Wise
19th	Chhatrapati Shivaji Maharaj Jayanti	History Department
20th to 29th	Common Test Examination	All Department
27th	Marathi Bhasha Divas	Marathi Department
28th	National Science Day	Comp. science Deptt.
Mar-20		
Working Days - 24 (Holiday) = 07		
1st	Attendance Defaulter list	All HOD & Teaching Staff

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

8th	Women's Day	Home Eco./Music Department
15th	World Consumer Day	Commerce Department
22th	World Day of Water	Chemistry Department
24th	T. B. Day	Microbiology Department
Apr-20		
Working Days - 23 (Holiday) = 07		
1st	Attendance Defaulter list	All HOD & Teaching Staff
7th	World Health Day	Physical Edu. Department
10th	Dr. Panjabrao Deshmukh Punyatithi	Cultural Committee
11th	Mahatma Phule Jayanti	Cultural Committee
14th	Dr. Babasaheb Ambedkar Jayanti	Cultural Committee
22nd	Earth Day	Zoology/Botany Department
23rd	World Book Day	Library/ Jr. College
May-20		
Summer Vacation - 27 April 2020 to 6 June 2020		
Working Days - 0 [1 (Public Holiday) = 01 ( Total) ]		
1st	Maharashtra Day & Labour Day	Office
8th	World Red Cross Day	Office
22th	International Biodiversity Day	Office



*Dr. Omraj S. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## **Academic Calendars 2018-19**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

# ANNEXURE-A

## Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana Academic Calendar 2018-2019

Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19
1	1 Sun	1	1	1 First Unit Test	1	1	1	1	1	1	1
2	2	2	2 Sun	2 Holiday	2	2 Sun	2	2	2	2	2
3 Sun	3	3	3	3 First Unit Test	3	3	3	3 Sun	3 Sun	3	3
4	4	4	4	4	4 Sun	4	4	4	4 Holiday	4	4
5	5	5 Sun	5	5	5 Winter Vacation Start	5	5	5	5 Second Unit Test	5	5 Sun
6	6	6	6	6	6	6	6 Sun	6	6 Second Unit Test	6	6
7	7	7	7	7 Sun	7	7	7	7	7 Second Unit Test	7 Sun	7
8	8 Sun	8	8	8	8	8	8	8	8 Second Unit Test	8	8
9	9	9	9 Sun	9	9	9 Sun	9	9	9 Second Unit Test	9	9
10 Sun	10	10	10	10	10	10	10	10 Sun	10 Sun	10	10
11	11	11	11	11	11 Sun	11	11	11 First Unit Test	11 Second Unit Test	11	11
12	12	12 Sun	12	12	12	12	12	12 First Unit Test	12 Second Unit Test	12	12 Sun
13 First Term Start	13	13	13 Holiday	13	13	13	13 Sun	13 First Unit Test	13	13	13
14 Admission	14	14	14	14 Sun	14	14	14	14 First Unit Test	14	14 Sun	14
15 Admission	15 Sun	15 Independence Day	15	15	15	15	15	15 First Unit Test	15	15	15
16 Holiday	16	16	16 Sun	16	16	16 Sun	16	16 First Unit Test	16	16	16
17 Sun	17	17 Holiday	17	17	17	17	17	17 Sun	17 Sun	17 Holiday	17
18 Admission	18	18	18	18 Holiday	18 Sun	18	18	18	18	18 Holiday	18
19 Admission	19	19 Sun	19	19	19	19	19	19 Holiday	19	19 Holiday	19 Sun
20 Admission	20	20	20 Holiday	20	20	20	20 Sun	20	20	20	20
21 Admission	21	21	21	21 Sun	21	21	21	21	21 Holiday	21 Sun	21
22 Admission	22 Sun	22 Holiday	22	22 Second Unit Test	22	22	22	22	22	22	22
23 Admission	23	23	23 Sun	23 Second Unit Test	23	23 Sun	23	23	23	23	23
24 Sun	24	24	24 First Unit Test	24 Second Unit Test	24 Winter Vacation End	24	24	24 Sun	24 Sun	24	24
25 Admission	25	25	25	25 Second Unit Test	25 Sun	25 Holiday	25	25	25	25	25
26 Admission	26	26 Sun	26 First Unit Test	26 Second Unit Test	26	26	26 Republic Day	26	26	26	26 Sun
27 Admission	27	27	27 First Unit Test	27 Second Unit Test	27	27	27 Sun	27	27	27	27
28 Admission	28	28	28 First Unit Test	28 Sun	28	28	28	28	28	28 Sun	28
29 Admission	29 Sun	29	29 First Unit Test	29	29	29	29	29	29	29(Summ Vacation Start)	29
30 Admission	30	30 Sun	30 Sun	30	30	30 Sun	30	30	30	30	30
	31	31		31		31	31		31 Sun		31
14 Days	26 Days	24 Days	23 Days	25 Days	07 Days	25 Days	26 Days	23 Days	24 Days	23 Days	00 Days

1) Total Working Days-240 2) Available Teaching Days- 180 3) A teacher should prepare the yearly plan before the starting of the session. The Teacher, as far as possible should be spare 15 days for excepted leaves. Unit test, Seminar etc.

First & second Unit Test of -  
(First Term Exam)

B.Sc. I  
(Sem. I)

B.Sc. II  
(Sem. III)

B.Sc. III  
(Sem. V)

First & second Unit Test of -  
(Second Term Exam)

B.Sc. I  
(Sem. II)

B.Sc. II  
(Sem. IV)

B.Sc. III  
(Sem. VI)



*Dr. Omraj S. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## **Academic Calendars 2017-18**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

**Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana**  
**Academic Calendar 2017-2018**

Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18
1	1	1	1	1 Sun	1	1 Holiday	1	1	1 Second Unit Test	1 Sun	1 Holiday
2	2 Sun	2	2 Holiday	2 Holiday	2	2	2	2	2 Holiday	2	2
3	3	3	3 Sun	3	3	3 Sun	3	3	3 Second Unit Test	3	3
4 Sun	4	4	4	4	4 Winter vacation End	4	4	4 Sun	4 Sun	4	4
5	5	5	5	5	5 Sun	5	5	5	5 Second Unit Test	5	5
6	6	6 Sun	6	6	6 First term Remaining	6	6	6	6 Second Unit Test	6	6 Sun
7	7	7	7	7	7 First term Remaining	7	7 Sun	7	7 Second Unit Test	7	7
8	8	8	8	8 Sun	8 First term Remaining	8	8	8	8 Second Unit Test	8 Sun	8
9	9 Sun	9	9	9	9 First term Remaining	9	9	9	9 Second Unit Test	9	9
10	10	10	10 Sun	10	10	10 Sun	10	10	10 Second Unit Test	10	10
11 Sun	11	11	11	11	11 Second Term Starts	11	11	11 Sun	11 Sun	11	11
12 First Term Starts	12	12	12	12	12 Sun	12	12	12	12 Second Unit Test	12	12
13 Admission	13	13 Sun	13	13	13	13	13	13 Holiday	13	13	13 Sun
14 Admission	14	14	14	14	14	14	14 Sun	14	14	14 Holiday	14
15 Admission	15	15 Independence day	15	15 Sun	15	15	15	15 First Unit Test	15	15 Sun	15
16 Admission	16 Sun	16	16	16 Winter vacation Starts	16	16	16	16 First Unit Test	16	16	16
17 Admission	17	17 Holiday	17 Sun	17	17	17 Sun	17	17 First Unit Test	17	17	17
18 Sun	18	18	18 Second Unit Test	18	18	18	18	18 Sun	18 Sun	18	18
19 Admission	19	19	19 Second Unit Test	19	19 Sun	19	19	19 Holiday	19	19	19
20 Admission	20	20 Sun	20 Second Unit Test	20	20	20	20	20 First Unit Test	20	20	20 Sun
21 Admission	21	21	21 Second Unit Test	21	21	21	21 Sun	21 First Unit Test	21	21	21
22 Admission	22	22 First Unit Test	22 Second Unit Test	22 Sun	22	22	22	22 First Unit Test	22	22 Sun	22
23 Admission	23 Sun	23 First Unit Test	23 Second Unit Test	23	23	23	23	23 First Unit Test	23	23	23
24 Admission	24	24 First Unit Test	24 Sun	24	24	24 Sun	24	24 First Unit Test	24	24	24
25 Sun	25	25 Holiday	25 Second Unit Test	25	25	25 Holiday	25	25 Sun	25 Sun	25	25
26 Holiday	26	26 First Unit Test	26 Second Unit Test	26	26 Sun	26	26 Republic day	26	26	26	26
27 Admission	27	27 Sun	27	27	27	27	27	27	27	27	27 Sun
28 Admission	28	28 First Unit Test	28	28	28	28	28 Sun	28	28	28	28
29 Admission	29	29 First Unit Test	29	29 Sun	29	29	29	29	29	29 Sun	29
30 Admission	30 Sun	30	30 Holiday	30	30	30	30		30 Holiday	30 Summer Vacation Starts	30
	31	31 First Unit Test		31		31 Sun	31		31		31
15 Days	26	25	23	12	12	22	26	22	22	23	00

1) Total Working Days-228 2) Available Teaching Days- 180 3) A teacher should prepare the yearly plan before the starting of the session.  
The Teacher, as far as possible should spare 15 days for excepted leaves. Unit test, Seminar etc.

**First & second Unit Test of -**  
**(First Term Exam)**

**B.Sc. I**  
**(Sem.I)**

**B.Sc. II**  
**(Sem.III)**

**B.Sc. III**  
**(Sem.V)**

**First & second Unit Test of -**  
**(Second Term Exam)**

**B.Sc. I**  
**(Sem.II)**

**B.Sc. II**  
**(Sem.IV)**

**B.Sc. III**  
**(Sem.VI)**



*O.S. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
**Principal**  
**Shri Shivaji Sci. & Arts**  
**College, Chikhli, Dist. Buldana**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## **Departmental Meetings 2021-22**


**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



Department of Botany  
2021-22  
Meeting no.2  
Notice, Attendance, Minutes &ATR

Departmental Meetings  
Notice

All the staff members are herewith informed that, the first departmental meeting of academic session 2021-22 is scheduled on 25/02/2022 in our staff room. All the staff members should present on 11.00 am.

  
Dr. V. U. Pochhi  
Head, Department of Botany

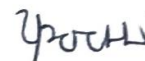
HEAD,  
Department of Botany  
Shri Shivaji Science & Arts College  
CHIKHOLI, Dist. Bidar

## Minutes of Departmental Meetings

The departmental meeting was held on Dt. 25/02/2022 at 11.00am in staffroom. The head of the department Dr.V.U.Pochhi chaired the meeting. All teaching and non-teaching staff attended meeting.

### Minutes of meeting are as follows;

- **To confirm the minutes of last meeting.**  
The minutes of last meeting were read by HOD and confirmed by the all staff.
- **To report action taken on last meeting.**  
HOD informed to all staff about the action taken on minutes of last meeting.
- **Allotment of Assignment, Project and Seminar topic to students.**  
HOD give instruction to all staff members about Assignment, Project and Seminar topic.
- **Preparation and conduction of Unit test.**
- HOD gives instruction about Preparation and conduction of Unit test.



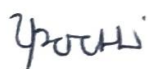
Dr.V.U.Pochhi

Head, Department of Botany

**HEAD,**  
**Department of Botany**  
**Shri Shivaji Science & Arts College**  
**CHIKHOLI, Dist. Buldana**

## Action Taken Report on departmental meeting held on 25/02/2022

Sr.No.	Agenda	Resolution	Action Taken
1	Allotment of Assignment, Project and Seminar topic to students.	Assignment, Seminar and Project topic should be allot to B.Sc.I, B.Sc.II and B.Sc.III	Assignment, Seminar and Project topic should be allotted to B.Sc.I, B.Sc.II and B.Sc.III
2	Preparation and conduction of Unit test.	Unit test should be Prepare and conduct.	Unit test should be Prepared and conducted

  
 Dr.V.U.Pochhi  
 Head, Department of Botany

**HEAD,**  
**Department of Botany**  
**Shri Shivaji Science & Arts College**  
**CHIKHOLI, Dist. Buldana**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## Attendance of Departmental meetings

Sr.No	Name of the Teacher	Designation	Permanent/CH B	Sign
1	Dr.V.U.Pochhi	Associate Professor	Permanent	<i>[Signature]</i>
2	Mr. M.D.Kolte	Assistant Professor	Permanent	<i>[Signature]</i>
3	Mr.D.L.Gavande	Assistant Professor	Permanent	<i>[Signature]</i>
4	Shri. R.L.Qureshi	Lab Attendant	Permanent	
5	Shri.A.P.Mohod	Lab Attendant	Permanent	<i>[Signature]</i>

*[Signature]*  
Dr.V.U.Pochhi  
Head, Department of Botany

**HEAD,**  
**Department of Botany**  
**Shri Shivaji Science & Arts College**  
**CHIKHOLI, Dist. Buldana**



*[Signature]*  
Dr. Omraj S. Deshmukh  
**Principal**  
**Shri Shivaji Sci. & Arts**  
**College, Chikholi, Dist. Buldana**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## **Departmental Meetings 2020-21**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



Shri Shivaji Education Society Amravati's  
**Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana**  
**Department Of Physics**  
**Session 2020-21**


**Notice**

All faculty members of Physics are hereby informed that they should attend department meeting is held on 7/08/2020. The agenda of meeting is as follows


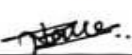


**Agenda of Meeting:**

- 1) Distribution of syllabus & workload
- 2) Online Teaching, Unit Test & Assignment Submission
- 3) Internal Assessment
- 4) Seminar, Theory, Project & Practical Assignment Distribution
- 5) Updating of Department Files
- 6) On time discussion

**Date:06/08/2020**

  
**H.O.D**  
**Head of Physics Department**  
**Shri Shivaji Science & Arts Coll**  
**CHIKHLI**

**Signatures of faculty members:**

- 1) Dr. V. B. Huse: 
- 2) Dr. P. B. Nalle: 
- 3) Dr. P. P. Padghan: 
- 4) Dr. D. N. Bhoyar: 

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

Shri Shivaji Education Society Amravati's  
**Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana**  
**Department Of Physics**  
**Session 2020-21**  
**Department Meeting**

**MEETING-1**

The staff meeting of Physics Department was held on 07/08/2020. Following members of teaching and non-teaching staff were present for the meeting.

- 1) Mr. N. B. Thakare : 
- 2) Dr. V. B. Huse : 
- 3) Dr. P. B. Nalle : 
- 4) Dr. P. P. Padghan : 
- 5) Dr. D. N. Bhoyar : 

Initially Mr. N. B. Thakare, H.O.D of department well comes all staff members of the department. Dr. V. B. Huse secretary of staff committee expressed his greetings to all staff members present. following points in the agenda were discussed in the meeting,

**I) Agenda No.- Distribution of syllabus & workload**

Syllabus of theory & practical's for session 2020-2021 was discussed with all faculty members. It was decided to distribute theory periods & practical's batches among to all faculty members of department.

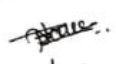
The syllabus, practical batches are distributed among all staff members as follows.


**1) Theory:**

Sr. No.	Name of the Teacher	Units Distributed		
		B.Sc.-I (SEM-I)	B.Sc.-II (SEM-III)	B.Sc.-III(SEM-V)
1	Mr. N. B. Thakare	Unit: I, II	----	Unit: I
2	Dr. V. B. Huse	----	Unit: V, VI	Unit: VI
3	Dr. P. B. Nalle	Unit: II, V	Unit: III, IV	----
4	Dr. P. P. Padghan	Unit: III, IV	----	Unit-III, IV
5	Dr. D. N. Bhoyar		Unit-I, II	Unit: II, V

**2) Practicals:**

Sr. No.	Name of the Teacher	Practical Distribution		
		B.Sc.-I (SEM-I)	B.Sc.-II (SEM-III)	B.Sc.-III(SEM-V)
1	Mr. N. B. Thakare	Batch: P-11 & P-12	----	Batch: P-32
2	Dr. V. B. Huse	Batch: P-11, P-13	----	Batch: P-31
3	Dr. P. B. Nalle	Batch: P-11	Batch:P-21 & P-22	----
4	Dr. P. P. Padghan	Batch: P-11	Batch:P-21 & P-22	----
5	Dr. D. N. Bhoyar	Batch: P-13	Batch: P-22	Batch: P-31

Proposer: Dr. P. B. Nalle 

Seconder: Dr. D. N. Bhoyar 

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

### 3) Agenda No.-2: Online Teaching, Unit Test & Assignment Submission

Keeping in view of COVID-19 pandemic it is unanimously decided to conduct online teaching using various online teaching tools such as LMS (Run by Shri Shivaji Education Society Amravati), Zoom etc. The syllabus must be completed well before university examinations. Each faculty member will prepare online video lecture, question bank & assignment on each unit as per syllabus distribution.

Every teacher should conduct at least one online unit test on units he/she taught. Assignment submission of students should be completed using online platform such as Google Classroom, Whatts up etc.

Proposer: Dr. D. N. Bhoyar

Seconder: Dr. P. P. Padghan

### 4) Agenda No.-2: Internal Assessment

Internal assessment marks system gives the opportunity to subject faculty to know student's overall progress both in theory and practicals. The scheme of marking for internal assessment was discussed among all faculty members & it was decided that teacher in-charge of internal assessment is as follows

Sr. No.	Class & Semester	Name of the teacher
1	B.Sc.-I (Sem-II)	Dr. P. P. Padghan
2	B.Sc.-II (Sem-IV)	Dr. V. B. Huse, Dr. P. B. Nalle
3	B.Sc.-III (Sem-VI)	Mr. N. B. Thakare, Dr. D. N. Bhoyar

Proposer: Dr. V. B. Huse

Seconder: Dr. P. P. Padghan

### 5) Agenda No.-3: Seminar, Theory, Project & Practical Assignment

As a part of internal assessment, it was unanimously decided to distribute the responsibility of seminar, theory assignment, project & practical assignments equally among all faculty members. The responsibility of seminar, theory assignment, project & practical assignments is as follows.

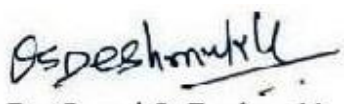
#### 1) Theory/Project /Practical Assignments:

Sr. No.	Name of the Teacher	Theory/Project/Practical Assignments		
		B.Sc.-I (SEM-II)	B.Sc.-II (SEM-IV)	B.Sc.-III(SEM-VI)
1	Mr. N. B. Thakare	----	----	Batch: P-31, P-32
2	Dr. V. B. Huse	----	Batch:P-21, P-22	----
3	Dr. P. B. Nalle	----	Batch:P-21	----
4	Dr. P. P. Padghan	Batch: P-11, P-12, P-13	----	----
5	Dr. D. N. Bhoyar	----	----	----

#### 2) Seminar

Sr. No.	Name of the Teacher	Seminar	
		B.Sc.-II (SEM-IV)	B.Sc.-III(SEM-VI)
1	Mr. N. B. Thakare	----	Batch: P-31, P-32
2	Dr. V. B. Huse	Batch:P-21	----
3	Dr. P. B. Nalle	Batch:P-22	----



  
Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

Shri Shivaji Education Society Amravati's  
**Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana**  
**Department Of Physics**  
**Session 2020-21**

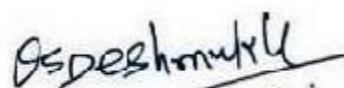
**Action Taken Report:**

- 1) Syllabus is distributed among all faculty members of department
- 2) Allotment of responsibility for internal assessment for odd semester is done as follows
  - a) B.Sc.-I (Semester-I) : Dr. P. P. Padghan
  - b) B.Sc.-II (Semester-II) : Dr. V. B. Huse, Dr. P. B. Nalle
  - c) B.Sc.-III (Semester-V) : Mr. N. B. Thakare, Dr. D. N. Bhoyar
- 3) Responsibility of Seminar, Theory, Project & Practical Assignment is distributed among all faculty members of department
- 4) Faculty members are instructed to update department files as follows
  - a) Mr. N. B. Thakare : File No. 1, 11, 19, 22, 24
  - b) Dr. V. B. Huse : File No. 2, 6, 9, 21, 23,
  - c) Dr. P. B. Nalle : File No. 4, 8, 15, 20,
  - d) Dr. P. P. Padghan : File No. 5, 10, 16, 17, 18,
  - e) Dr. D. N. Bhoyar : File No. 3, 7, 12, 13, 14, 25
- 5) Faculty members are instructed to submit attendance register and teaching diary for session 2019-20

**Date:07/08/2029**

  
**H.O.D.**  
**Head of Physics Department**  
**Shri Shivaji Science & Arts Coll**  
**CHIKHLI**



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
**Shri Shivaji Sci. & Arts**  
**College, Chikhli, Dist. Buldana**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



Shri Shivaji Education Society Amravati's  
**Shri Shivaji Science And Arts College, Chikhli, Dist. Buldana**  
Department Of Zoology  
Session 2020-21  
Departmental Meeting




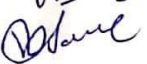

Notice

All the staff members of Zoology department are informed that the meeting of the department will be held on 27/07/2020 for the discussion of syllabus distribution and workload at 4 PM. Hence all should remain present punctually.



[H.O.D.]

Department of Zoology  
Shri Shivaji Sci. & Arts College  
Chikhli, Dist. Buldana 443201

1. Dr. M. T. Nikam	
2. Dr. R. B. Gadgil	
3. Dr. V. M. Hemke	
4. Dr. V. D. Sawde	
5. Mr. R. A. Shaik	



### MEETING-1

Dr. M. T. Nikam, H.O.D of department well comes all staff members of the department. Following points in the agenda were discussed in the meeting.

#### Agenda: Distribution of syllabus & workload

Syllabus of theory & practical's for session 2020-2021 was discussed with all faculty members. It has been decided to distribute theory periods & practical's batches among faculty members of department as follows.

#### Theory:

Sr. No.	Name of the Teacher	Units Distributed		
		B.Sc.-I (SEM-I)	B.Sc.-II (SEM-III)	B.Sc.-III (SEM-V)
1	Dr. M. T. Nikam	Unit: I, II, V	-----	Unit: II, V
2	Dr. V. M. Hemke	Unit: III	Unit: IV, V, VI	Unit: III, VI
3	Dr. R. B. Gade	Unit: IV, VI	Unit: I, II, III	Unit: I, IV,

#### Practical:

Sr. No.	Name of the Teacher	Practical Distribution		
		B.Sc.-I (SEM-II)	B.Sc.-II (SEM-IV)	B.Sc.-III (SEM-VI)
1	Dr. M. T. Nikam	Batch: Z-12	Batch: Z-21 & Z-22	Batch: Z-31 & Z-32
2	Dr. V. M. Hemke	Batch: Z-11 & Z-12	Batch: Z-21 & Z-22	Batch: Z-31 & Z-32
3	Dr. R. B. Gade	Batch: Z-11 & Z-12	Batch: Z-21 & Z-22	Batch: Z-31 & Z-32

The staff meeting of Zoology Department was held on 28/07/2020. Following members of teaching and non-teaching staff were present for the meeting.

- 1) Dr. M. T. Nikam :
- 2) Dr. V. M. Hemke :
- 3) Dr. R. B. Gade :

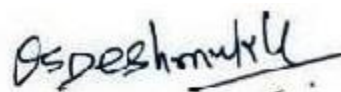
Nonteaching staff

1. Mr. V. D. Sawale
2. Mr. R. A. Shaik

  
(H.O.D.)

(Dr. M. T. Nikam)  
Department of Zoology  
Shri Shivaji Sci. & Arts College  
Chikhli, Dist. Buldana 443201





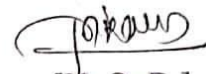
Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Shri Shivaji Education Society Amravati's  
**Shri Shivaji Science And Arts College, Chikhli, Dist. Buldana**  
Department Of Zoology  
Session 2020-21  
Departmental Meeting

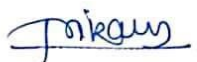




Notice

All the staff members of Zoology department are informed that the meeting of the department will be held on 04/08/2020 for the discussion of Result Analysis of Previous Session at 4 PM. Hence all should remain present punctually.



[H.O.D.]

Department of Zoology  
Shri Shivaji Sci. & Arts College  
Chikhli, Dist. Buldana 443201

1. Mr. T. Nikam 
2. Dr. R. B. Gade - 
3. Dr. V. M. Hembe 
4. Mr. V. D. Sawale 
5. Mr. R. A. Shaikh 

### MEETING-2

Dr. M. T. Nikam, H.O.D of department well comes all staff members of the department. Following points in the agenda were discussed in the meeting.

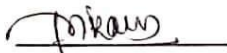
#### **Agenda: Results Analysis of Previous Session**

The results of B.Sc. Semester I, III and V were discussed in the meeting. It has been decided that more efforts should be taken to raise the results of B. Sc Semester I and II

The staff meeting of Zoology Department was held on **05/08/2020**. Following members of teaching and non-teaching staff were present for the meeting.

4) Dr. M. T. Nikam

:



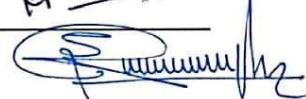
5) Dr. V. M. Hemke

:




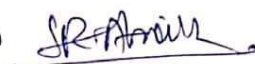
6) Dr. R. B. Gade

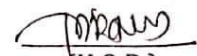
:



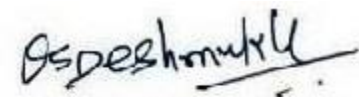
Non teaching staff

1. Mr. V. D. Sawale 

2. Mr. R. A. Shaikh 

  
(H.O.D.)  
HEAD  
(Dr. M. T. Nikam)  
Department of Zoology  
Shri Shivaji Sci. & Arts College  
Chikhli, Dist. Buldana 443201



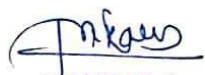
  
Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana





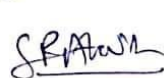
**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

Shri Shivaji Education Society Amravati's  
**Shri Shivaji Science And Arts College, Chikhli, Dist. Buldana**  
Department Of Zoology  
Session 2020-21  
Departmental Meeting

Notice

All the staff members of Zoology department are informed that the meeting of the department will be held on 28/09/2020 for the discussion of Internal Assessment at 4 PM. Hence all should remain present punctually.

  
[H.O.D.]  
Department of Zoology  
Shri Shivaji Sci. & Arts College  
Chikhli, Dist. Buldana 443201

1. Dr. M.T. Nikam 
2. Dr. V.M. Hemke 
3. Dr. R.B. Gadgil 
4. Mr. V.D. Sawale 
5. Mr. R.A. Chikhli 



### MEETING-3

Dr. M. T. Nikam, H.O.D of department well comes all staff members of the department. Following points in the agenda were discussed in the meeting.

#### **Agenda: Internal Assessment**

The scheme of marking for internal assessment was discussed among all faculty members & it was decided that teacher in-charge of internal assessment will be as follows.

Sr. No.	Class & Semester	Name of the teacher
1	B.Sc.-I (Sem-I)	Dr. R. B. Gade
2	B.Sc.-II (Sem-III)	Dr. V. M. Hemke
3	B.Sc.-III (Sem-V)	Dr. M. T. Nikam

The staff meeting of Zoology Department was held on 29/09/2020. Following members of teaching and non-teaching staff were present for the meeting.

- 7) Dr. M. T. Nikam :  
8) Dr. V. M. Hemke :  
9) Dr. R. B. Gade :

*[Signatures of Dr. M. T. Nikam, Dr. V. M. Hemke, and Dr. R. B. Gade]*

*Non-teaching staff*

1. Mr. V. D. Sawale *[Signature]*  
2. Mr. R. A. Shaikh *[Signature]*

*[Signature of Dr. M. T. Nikam]*  
(H.O.D.)

(Dr. M. T. Nikam)

Department of Zoology  
Shri Shivaji Sci. & Arts College  
Chikhli, Dist. Buldana 443201



*[Signature of Dr. Omraj S. Deshmukh]*

Dr. Omraj S. Deshmukh

Principal

Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## **Departmental Meetings 2019-20**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## DEPARTMENTAL MEETING REGISTER WITH ATR

38

**Department of Commerce and Management**

**2019-20**

**Meeting No.1**

**Notice, Attendance, Minutes & Action Taken Report (ATR)**

### Departmental Meeting

#### Notice

**Venue:** Staff Room, Department of Commerce

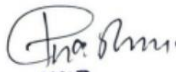
**Time:** 04:00 P.M.

**Date :**10/07/2019

#### **Agenda:**

1. Workload distribution of U.G. and P.G. among the faculty of Commerce
2. Internal Assessment of academic year 2019-20
3. Department requirement/stock verification for the academic year 2019-20

**Date :**08/07/2019

  
HOD  
Dept. Of Commerce  
Shri Shivaji Science &  
Art's College, Chikhli

**Prof. Dr. R.P. Gawai**  
Head

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## **Departmental Meeting**

### **Minutes of Departmental Meeting held on 10/07/2019**

teaching and non-teaching staff were present for the meeting Prof. Dr. R. P. Gawai, Dr. S. N. Gawai, Shri. J. T. Ware.

Initially Prof. Dr. R. P. Gawai, H.O.D of the department welcomes all staff members of the department and expressed his greetings to all staff members present for this meeting. Following points in the agenda were discussed in the meeting.

#### **Minutes of the Meeting as follows**

##### **1. Discussion on syllabus & distribution of workload**

Syllabus for theory of B.Com.-I (Sem-II), B.Com.-II (Sem-IV) & B.Com.-III (Sem-VI) for U.G, M.Com-I (Sem-II), M.Com-II (Sem-VI) for session 2019-2020. It was discussed with all faculty members. Syllabus was also discussed & made planning of implementation. It was decided to distribute theory periods among to all faculty members of department.

The theory syllabus is distributed among all staff members.

##### **2. Internal Assessment-Theory/Project/Internship**

Internal assessment marks system gives the opportunity to subject faculty to know student's overall progress in theory as well as project and internship. The scheme of marking for internal assessment was discussed among all faculty members & it was decided that teacher in-charge of internal assessment (Unit Test, Theory & Project & Internship) is as follows.

Sr. No.	Class & Semester	Name of In-charge teacher
1	B.Com.-I (Sem-II)	Dr. S. N. Gawai

2	B.Com.-II (Sem-IV)	Prof. Dr.R.P.Gawai
3	B.Com.-III (Sem-VI)	Dr. S. N. Gawai
4	M.Com.-I (Sem-II)	Dr. S. N. Gawai
5	M.Com.-II (Sem-VI)	Prof. Dr.R.P.Gawai

The marks obtained in internal assessment by students should be displayed on department notice board as per university guidelines. The internal assessment sheets must be signed by teacher in- charge, H.O.D. & Head of Institute.

### **3. Individual Responsibility:**

#### **a) Department Files:**

- 1) Keep the record of departmental file as per discussed in meeting. File updation & maintain it through the session.
- 2) The updating of files should be completed as per in discussion in meeting.

### **4. Department Requirement/ Purchasing:**

It is unanimously decided to prepare list of items required for practical as well as for department use for academic session 2019-20.

- 1) Faculty members of department should prepare the list of items immediately after department meeting & should submit it to the Head of department.
- 2) Faculty members should take a note, that department requirement will be sent to Head of Institute through department.
- 3) The department requirement will be fulfilled only after final decision taken by Head of Institute.

### **5. On time Discussion:**

#### **a) Maintaining Department Discipline:**

Following points were put before faculty members of department and discussed thoroughly,

- i) In any faculty member who is willing to go on leave (CL/DL/APL/ML) then he/she must take a note that the lecture on the date of leave should not be wasted to avoid students teaching loss. Any faculty member who will be on leave must do necessary arrangement



to engage the lecture from other faculty member of department on the date/dates of leave before forwarding the leave application.

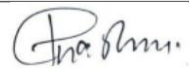
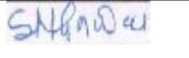
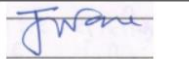
- ii) All faculty members of department, should complete the department responsibilities/work as per duties assigned to them by department before due date.
- iii) All faculty members of department must forward the leave application through department.
- iv) If any faculty member wants to leave college campus for urgent/needly outstation work then he/she must obtain prior permission from Head of Institute & must inform head of Department about the same.

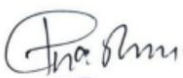
**b) Remedial Classes:**

It was decided to conduct remedial classes for B.Com. I students to provide extra assistance to slow learners in Advanced Accountancy. Slow learners will be identified by conducting an examination based on Multiple Choice Questions (MCQ) related to basics in Accountancy.

The meeting was concluded with vote of thanks by Dr. S.N.Gawai.

**Attendance of Departmental Meeting Dated: 06/01/2020**

Sr. No.	Name of Member	Designation	Signature
1	Dr. R.P. Gawai	Associate Professor	
2	Dr. S. N. Gawai	Associate Professor	
3	Shri. J.T.Ware.	Lab Attendant	

  
HOD  
Dept. Of Commerce  
Shri Shivaji Science &  
Art's College, Chikhli

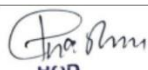
**Dr. R.P. Gawai**

Shri Shivaji Education Society Amravati's  
**Shri Shivaji Science & Arts College**  
**Chikhli, Dist. Buldana- 443201(MS).**  
**Department of Physics**  
**2019-20**

## Departmental Meeting


**Action Taken Report on Departmental Meeting Dated:10/07/2019**

Sr. No.	Agenda	Resolution	Action Taken
1	Discussion on syllabus & distribution of workload	To complete the syllabus of the B.Com. (I, II, III) & M.Com.(I, II) as per SGBAU rules and regulation workload should be distributed.	Workload was distributed among all faculty members
2	Internal Assessment- Theory/Project Assignment	Internal assessment distribution as per SGBAU rules and regulation should be maintained.	Allotment of responsibility for internal assessment for even semester is done & informed to the concern faculty.
3	Individual Responsibility	For proper working of department of Commerce individual responsibility should assign to the faculty member.	It was decided that each faculty member should update their assigned departmental file.
4	Department Requirement/ Purchasing:	For other daily departmental requirement submission of purchasing items/through HOD to Principal	It was decided to submit the list of department requirement, so that it will be forwarded through department to Head of Institute.
5	On time discussion	On time discussion is carried out in such a way that it is very helpful to student and their progress.	It was decided to conduct remedial classes for B.Com. I year students.

  
HOD  
Dept. Of Commerce  
Shri Shivaji Science &  
Art's College, Chikhli

**Prof. Dr. R.P. Gawai**



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## **Departmental Meetings 2018-19**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

★ Notice ★

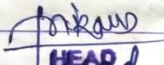
All the members of Zoology Department are herewith informed that, the first departmental meeting of academic year 2018-19 is scheduled on 23.06.2018. It is compulsory for all the members to attend the meeting on time.

Venue: Zoology Lab


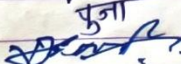
Time: 3:00 pm.

Agenda:

- ① To confirm the minutes of last meeting.
- ② To inform about the university academic calendar to all staff.
- ③ Distribution of subject to teachers for teachers
- ④ Maintaining Teaching Diary regularly.
- ⑤ Scheduling and organising departmental events / programs.

  
HEAD  
Department of Zoology  
Shri Shivaji Sci. and Arts College  
Chikhli Distt. Buldana 443201

- ① Dr. Vijayshree M. Herake
- ② Mr. Dhairysheel Vetal
- ③ Ms. Anita Borade
- ④ Ms. Pooja Bharad
- ⑤ Vishwanath Sawale
- ⑥ Mr. T. S. Wagh

  
Dr.  
ARB  
JTH  
  
S.A.



## Minutes of Departmental Meeting

Dated on 23.06.2018

The departmental meeting was held on date 23.06.2018 at 3 pm in the Lab of Zoology following members attended the meeting.

- I) Dr. M. T. Nikam Jodkar
- II) Dr. V. M. Hemke Shr
- III) Shri Dheerajshel Vetal Dheer
- IV) Ms. Anita Borade ARB
- V) Ms. Pooja Bharad Bharad
- VI) Shri V. D. Sawle Sawle
- VII) Shri T. B. Wagh Wagh

In the department, new teaching faculty member Dr. Vijayshree Hemke joined from this academic year. Dr. V. M. Hemke was welcomed by Head of Department Dr. M. T. Nikam, as well as all members in the house.

Minutes of meeting are as follows.

- ① To confirm the minutes of last meeting held on 16.03.2018

The minutes of last meeting held on 16.03.2018 were read and confirmed by the house.

- ② To inform about university academic calendar to all staff.

Head informed the house about Academic calendar of university to all staff members



and told that we have to work according to this calendar.

- ③ Distribution of units to all teachers for teaching.

The regular and main objective of this meeting were to assign units to a teacher for teaching and decided to prepare Time-Table accordingly.

- ④ Maintaining teaching diary regularly  
HOD informed to all teachers staff that to maintain teaching diary regularly. It is also informed to prepare the micro teaching plan at priority and write it into daily diary.

- ⑤ Scheduling and organising departmental events.


All members unanimously decided that the following events are going to be organised in this session.

- ① A workshop
- ② Study tour at Govt. fish seedling center Koradi.
- ③ Golden Jubilee shivarferi PDKV, Akola.
- ④ Study tour at Ambabarra.
- ⑤ Wildlife Week celebration
- ⑥ National Science Day
- ⑦ World Sparrow Day

⑦ Any other items:

It is also decided that staff members will give instructions to students regarding wearing uniform

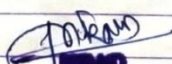
Meeting is summed up with concluding speech of HOD Dr. Nikam. Meeting was concluded by vote of thanks by Dr. V. A. Hemke.

  
**HEAD**  
Department of Zoology  
Shri Shrihari Sci. and Arts College  
Chikhli Distt. Buldana 443201




# Action Taken Report on Departmental Meeting Dated 23.06.2018

Sr. No.	Agenda	Resolution	Action Taken
①	Introducing Academic calendar	Teaching staff should follow the Academic calendar strictly	All staff members completed the course of teaching according to academic calendar
②	Unit distribution	Accordingly preparing Time-Table	Time-table is prepared as per subject distribution done in the meeting
③	Maintaining Teaching Diary	Maintaining micro-teaching plan & keep it up to date.	Teaching staff members maintained daily diary neatly and checked by HOD & principal.
④	scheduling and organising events	scheduling the event	Events are scheduled as decided in the meeting.

  
**HOD**  
 Department of Zoology  
 Shri Shivaji Sci. and Arts College  
 Chikhli Dist. Buldana 443201



  
**Dr. Omraj S. Deshmukh**  
 Principal  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

## **Departmental Meetings 2017-18**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## DEPARTMENTAL MEETING REGISTER WITH ATR

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



**Department of Electronics**

**2017-18**

**Meeting No.2**

**Notice, Attendance, Minutes & Action Taken Report (ATR)**

### **Departmental Meeting**

#### **Notice**

**Date :26/10/2017**

**Venue: Staff Room, Department of Electronics**

**Time: 04:30 P.M.**

**Agenda:**

- 1. Review of Completion of Syllabus.**
- 2. Intimation to Irregular Students.**
- 3. Discussion on Internal assessment: -Unit test, Assignments, Projects Current Status.**
- 4. Planning of practical exam of Winter-17**

  
(Prof. S. A. Katole)  
HOD,  
Department of Electronics,  
Shri Shriji Science & Arts College,  
CHIKHLI Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## **Departmental Meeting**

### **Minutes of Departmental Meeting held on 26/10/2017**

Date: 26/10/2017

The staff meeting of Electronics Department was held on 26/10/2017. Following members of teaching and non-teaching staff were present for the meeting Mrs. S. A. Katole, Mr. D. B. Bobde, Dr. G. K. Reddy, Prof. P. G. Sawadtkar, Shri. G. P. Bhonge, Ku. S. P. Khillare.

Initially Prof. S. A. Katole, H.O.D of the department welcomes all staff members of the department and expressed his greetings to all staff members present for this meeting. Following points in the agenda were discussed in the meeting.

#### **Minutes of the Meeting as follows**

##### **1. Review of Completion of Syllabus**

Syllabus for theory of B.Sc.-I (Sem-I), B.Sc.-II (Sem-III) & B.Sc.-III (Sem-V) for U.G, for session 2017-2018, It was discussed with all faculty members, review of completion of syllabus it was found that about 95% syllabus was completed.

##### **2. Intimation to Irregular Students**

The irregular student from B.Sc.-I (Sem-I), B.Sc.-II (Sem-III) & B.Sc.-III (Sem-V) was sort out and they are warning for attendance.


##### **3. Discussion on Internal assessment: -Unit test, Assignments, Projects Current Status**

In the Internal assessment review on Unit test result and marks, Assignments, Projects,

the marks obtained in internal assessment by students should be displayed on department notice board as per university guidelines. The internal assessment sheets signed by teacher in- charge, H.O.D. & Head of Institute also take an overall review on every aspect in mentioned point

#### **4. Planning of practical exam of Winter-17**

For practical exam Internal Examiners was decided and all the non-teaching members are informed that, for practical exam – prepare necessary documents, lab setup. The meeting was concluded with vote of thanks by Dr. G. K. Reddy.

  
(Prof. S. A. Katole)  
**HOD,**  
**Department of Electronics,**  
**Shri Shreeji Science & Arts College,**  
**CHIKHLI Dist Buldana**

Shri Shivaji Education Society Amravati's  
**Shri Shivaji Science & Arts College**  
 Chikhli, Dist. Buldana- 443201(MS).  
 Department of Physics  
 2017-18


## Departmental Meeting

### Action Taken Report on Departmental Meeting Dated: 26/10/2017


Sr. No.	Agenda	Resolution	Action Taken
1	Review of Completion of Syllabus.	Review of completion of syllabus it was found that about 95% syllabus was completed.	It was discussed with all faculty members, review of completion of syllabus.
2	Intimation to Irregular Students	The irregular student from B.Sc.-I (Sem-I), B.Sc.-II (Sem-III) & B.Sc.-III (Sem-V) was sort out and they are warning for attendance.	Daily updation and status about the irregular students
3	Discussion on Internal assessment: -Unit test, Assignments, Projects Current Status	In the Internal assessment review on Unit test result and marks, Assignments, Projects, the marks obtained in internal assessment by students should be displayed on department notice board as per university guidelines.	Allotment of responsibility for internal assessment for odd semester is done, the internal assessment sheets signed by teacher in-charge, H.O.D. & Head of Institute also take an overall review on every aspect in mentioned point.
4	Planning of practical exam of Winter-17	For practical exam Internal Examiners was decided and all the non-	Faculty member are advised to follow the all instruction which were discussed in the meeting.

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

		teaching members are informed that, for practical exam – prepare necessary documents, lab setup.	
5	On time discussion	On time discussion is carried out in such a way that it is very helpful to student and their progress.	It was decided to conduct meeting with students for their queries in all the aspects.

  
 (Prof. S. A. Karole)  
**HEAD,**  
**Department of Electronics,**  
**Shri Shivaji Science & Arts College,**  
**CHIKHLI Dist. Buldana**



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
**Shri Shivaji Sci. & Arts**  
**College, Chikhlil, Dist. Buldana**

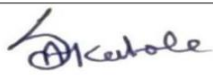


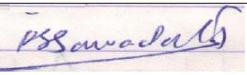
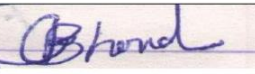
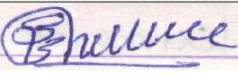
**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



**Attendance of Departmental Meeting Dated: 26/10/2017**


Date: 26/10/2017

**Departmental Meeting**

No.	Sr.	Name of Member	Designation	Signature
1		Prof. S.A.Katole	Associate Professor	
2		Prof.D.B.Bobde	Associate Professor	
3		Dr.G.K.Reddy	Associate Professor	
4		Mr. P.G.Sawadkar	Lab Superintendent	
5		Shri.G.P.Bhonge	Lab Attendant	
6		Ku.S.P.Khillare	Lab Attendant	

  
(Prof. S. A. Katole.)  
**HOD,**  
**Department of Electronics,**  
**Shri Shivaji Science & Arts College,**  
**CHIKHLI Dist. Buldana**



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
**Shri Shivaji Sci. & Arts**  
**College, Chikhli, Dist. Buldana**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## **Time-Table 2021-22**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHLI  
(Science Faculty SrCollege) TIME-TABLE 2021 -2022 W.E.F.01 /11/2021

DAY	CLASS	8.10-8.50	8.50-9.30	9.30-9.40	9.40-10.20	10.20-11.00	11.00-11.50	11.50-12.40	12.40-1.30	1.30-1.40	1.40-2.30	2.30-3.20	3.20-4.10	4.10-5.00	5.00-5.50
		0'	0		1	2	3	4	5		6	7	8	9	10
M O N D A Y	B.Sc. I	ENG T 1							ELE 11		MATH 1	COMP 11			
	MATH														
	B.Sc. I														
	BIO.														
T U E S D A Y	B.Sc. II				ENV.SCI (22)		ELE (Lab)	ELE 17	PHY 17		COMP17	PHY 17	MATH 17	MATH 17	MATH 17 )
	MATH														
	B.Sc. II														
	BIO.														
W E D N E S D A Y	B.Sc. I	ENG T 2	ENG T 2		ENG T 2				MATH 11		MATH 11	COMP 11	MATH 11	MATH 11	MATH 11
	MATH														
	B.Sc. I														
	BIO.														
	B.Sc. II				ENV.SCI 22				COMP 17		MATH 17	PHY 17	MATH 17	MATH 17	MATH 17
	MATH														
	B.Sc. II														
	BIO.														
	B.Sc. III					MATH 22	MATH 15					COMP 15			
	MATH														
	B.Sc. III														
	BIO.														
	B.Sc. I	ENG T 5	09-Mar		ENG 9		ELE 11	PHY 11	MATH 11		PHY 11(	COMP 11			
	MATH														
	B.Sc. I														
	BIO.														
	B.Sc. II				MATH 11		MATH 17				COMP17	PHY17			
	MATH														
	B.Sc. II														
	BIO.														
	B.Sc. III														
	MATH														
	B.Sc. III														
	BIO.														

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Date		8-10-8-30	8-30-9-30	9-30-9-40	9-40-10-20	10-20-11-00	11-00-11-50	11-50-12-40	12-40-1-30	1-30-1-40	1-40-2-30	2-30-3-20	3-20-4-10	4-10-5-00	5-00-5-50
T H U R S D A Y	B.Sc. I MATH		ENG(M)			ELE-LAB(DBB)	MATH 11(S)	ELE 11 (SAK)	MATH 11(S)		PHY 11 (NBT)	COMP 11 (MEJ)	<---COMP11-12---> SSG		
	B.Sc. I BIO.		ENG(B)												
			VMP												
F R I D A Y	B.Sc. I MATH	MAR-22				PHY (11)(PPP)	ELE (L) SAK	MATH 11	PHY 11 (PBN)		MATH 11(S)	COMP 11(MEJ)	<---COMP13---> MEJ		
	B.Sc. I BIO.	(GGM)											<---PHY 12---> (NBT)		
													ELE-11(DBB)		
													<---ELE 21/22---> SAK/DBB		
													<---CHE 21---> (SRP+GDT+SSK)		
													<---MCB 22---> (SNM)		
													<---BOT 31/32---> (MDK/VUP)		
													<---PHY 13---> PPP		
													<---PHY 12---> NBT		
S A T U R D A Y	B.Sc. I MATH	MAR(M)-22													
	B.Sc. I BIO.	MAR(B)-22													
		(GGM)													

Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana



Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Faculty of Humanities

**Shri Shivaji Science & Arts College, Chikhli**  
**B. A. TIME TABLE (2021-2022) w.e.f. 27/09/2021**

DAY	CLASS	10.10-11.00	11.00-11.50	11.50-12.40	12.40-1.30	1.30-1.40	1.40-2.30	2.30-3.20	3.20-4.10	4.10-5.00	5.00-5.50
MON	B.A. I	HOME-ECO (MGD)	HOME-ECO (MGD)	ENG (SUJ)	HIS (VRP)	R	POL (JJJ)	MAR (GGM)	MLT(ARM)	ENG T1	
	B.A. II			ECO (SMK)	MAR (ARM)		MLT(ARM)	POL (JJJ)	ENG (SUJ)	-----HOME- ECO PRT.----- (MGD)	
	B.A. III			POL (JJJ)	ECO (SMK)		MLT (GGM)	ENG (SUJ)	HIS (VRP)	ENG T1	
TUE	B.A. I		HOME-ECO (MGD)	MAR (GGM)	ECO (SMK)	E	HIS(VRP)	ENG (SUJ)	POL (JJJ)	ENG T2	
	B.A. II			ECO (SMK)	HIS(VRP)		ENG (SUJ)	MLT(ARM)/ ELT	EVS	ENG T2	HOME PRT. (MGD)
	B.A. III	HOME-ECO. (MGD)		POL (JJJ)	MAR (ARM)		ECO (SMK)	MLT (GGM)	ENG (SUJ)	HOME PRT. (MGD)	
WED	B.A. I			MLT(ARM)/ ELT	HIS(VRP)	C	ENG (SUJ)	ECO (SMK)	MAR(GGM)	ENG T3	
	B.A. II	HOME-ECO (MGD)		ENG (SUJ)	ECO (SMK)		MLT (GGM)	POL (JJJ)	HIS(VRP)	EVS	ENG T3
	B.A. III		HOME-ECO (MGD)	HIS(VRP)	MLT (GGM)		POL (JJJ)	MAR (ARM)		ENG T1	
THU	B.A. I			POL (JJJ)	MAR (GGM)	E	MLT(ARM)	ENG T4	ECO (SMK)	ENG (SUJ)	
	B.A. II		HOME-ECO (MGD)	ENG (SUJ)	POL (JJJ)		HIS(VRP)	ECO (SMK)	MLT(ARM)	MAR(ARM)	ENG T4
	B.A. III	HOME-ECO (MGD)		MLT (GGM)	ECO (SMK)		MAR (ARM)	HIS (VRP)			
FRI	B.A. I			ECO (SMK)	HIS (VRP)	S	POL (JJJ)	MLT(ARM)/	MLT (ARM)	HOME PRT. (MGD)	ENG T5
	B.A. II		HOME-ECO (MGD)	POL (JJJ)	MLT(ARM)/		HIS (VRP)	ECO (SMK)	MAR (ARM)		
	B.A. III	HOME-ECO (MGD)		ENG (SUJ)	MAR (ARM)		ECO (SMK)	HIS (VRP)	POL (JJJ)	ENG T2	
SAT	B.A. I		HOME-ECO (MGD)	POL (JJJ)	ECO (SMK)	S	HIS (VRP)	MLT/ (ARM)ELT		----- HOME PRT.----- (MGD)	
	B.A. II	HOME-ECO (MGD)		MAR (ARM)	HIS (VRP)		POL (JJJ)				
	B.A. III			HIS (VRP)	MLT (GGM)		ECO (SMK)	POL (JJJ)	ENG (SUJ)	ENG T3	

**PROFESSORS**

GGM : DR. GANESH G. MALTE  
 JJJ : DR. JAGDEO J. JADHAO  
 VRP : DR. VISHNU R. PADWAL  
 ARM : DR. ANURADHA R. MULE  
 SMK : DR. SUNITA M. KALAKHE  
 SUJ : DR. SYED IMTIAZ JUKKALKAR  
 MGD : MINAL G. DIKKAR

*(Signature)*  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



# Faculty of Commerce

**Shri Shivaji Science & Arts College, Chikhli**  
**Department of Commerce & Management**  
**Time Table 2021-2022**

**Class- Bom.Sem. II, IV & VI**

Day	Semeste	11.50-1240	12.40-1.30	1.30-1.40	1.40-2.30	2.30-3.20	3.20-4.00	4.00-4.50	5.00-5.45	Workload
MONDAY	Sem-II	ENG	BEC(RPG)	R	AAC(----	PBO(----	MAR	ENG TUT 3	---	1) Dr.R.P.Gawai- BEC-05 ITA-05 BMS-03 CMA-05 Total-18
	Sem-IV	CAT(----	ENG		ITA(RPG)	MFS(----	ITB-II(SNG)	---	---	
	Sem-VI	CMA(RPG)	BEM(----		BFC(----	IWW-II(SNG)	MAR	EOE-II(SNG)	---	
TUESDAY	Sem-II	ENG	BEC(RPG)	E	AAC(----	PBO(----	---	---	---	2) S.N.Gawai- CFS-04 ITB-05 IWW-05 EOE-05 Total-19
	Sem-IV	MFS(----	ENG		ITB-II(SNG)	CAT(----	ITA(RPG)	---	---	
	Sem-VI	IWW-II(SNG)	BEM(----		BFC(----	CMA(RPG)	---	---	---	
WEDNESDAY	Sem-II	ENG	CFS-II(SNG)	C	AAC(----	BEC(RPG)	---	ENG-TUT-I	---	CFS-04 ITB-05 IWW-05 EOE-05 Total-19
	Sem-IV	BMS(RPG)	ENG		ITA(RPG)	ITB-II(SNG)	CAT(----	---	---	
	Sem-VI	IWW-II(SNG)	BEM(----		EOE-II(SNG)	BFC(----	CMA(RPG)	---	---	
THURSDAY	Sem-II	AAC(----	CFS-II(SNG)	E	MAR	BEC(RPG)	---	ENG-TUT-II	---	CFS-04 ITB-05 IWW-05 EOE-05 Total-19
	Sem-IV	ITB-II(SNG)	CAT(----		MFS(----	MAR	BMS(RPG)	---	---	
	Sem-VI	BFC(----	ENG		CMA(RPG)	BEM(----	---	EOE-II(SNG)	---	
FRIDAY	Sem-II	AAC(----	PBO(----	S	MAR	BEC(RPG)	CFS-II(SNG)	ENG-TUT-IV	---	CFS-04 ITB-05 IWW-05 EOE-05 Total-19
	Sem-IV	MAR	BMS(RPG)		BMS(----	MFS(----	ITA(RPG)	---	---	
	Sem-VI	ENG	EOE-II(SNG)		IWW-II(SNG)	BEM(----	MAR	---	---	
SATURDAY	Sem-II	ENG	PBO(----	S	MAR	CFS-II(SNG)	---	---	---	CFS-04 ITB-05 IWW-05 EOE-05 Total-19
	Sem-IV	BMS(----	ITB-II(SNG)		ITA(RPG)	MFS(----	CAT(----	---	---	
	Sem-VI	BFC(----	ENG		IWW-II(SNG)	CMA(RPG)	EOE-II(SNG)	---	---	

Subject Full Name-B.Com.-I (Semester-II)	Subject Full Name-B.Com.-II (Semester-IV)	Subject Full Name-B.Com.-III (Semester-VI)
BEC-Business Economics-05	CAT-Corporate Accounting-05	Management Accounting-05
AAC-Advance Accountancy-05	ITA-Incometax & Auditing-05	E.Com-II-E-Commerce-II-05
PBO-Principles of Business Organization-04	MFS-Money & Financial System-05	EOD-Economics of Development-05
CFS-Computer Fundamentals & Operating System-I-04	BMS-Business Mathematics & Statistics-05	C.Law-Company Law-05
TOTAL-18	ITB- Information Technology & Business Data Processing-II-05	IWW-II-Internet & WWW-II-05
	TOTAL-25	TOTAL-25

**HOD**  
**Dept. Of Commerce**  
**Shri Shivaji Science & Arts College, Chikhli**



**Dr. Omraj S. Deshmukh**  
**Principal**  
**Shri Shivaji Sci. & Arts College, Chikhli, Dist. Buldana**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## **Time-Table 2020-21**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## Faculty of Science

**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHLI**  
(Science Faculty SrCollege) TIME-TABLE 2020 -2021 W.E.F.01 /07/2020

CLASS	8.10-8.50	8.50-9.30	9.30-9.40	9.40-10.20	10.20-11.00	11.00-11.50	11.50-12.40	12.40-1.30	1.30-1.40	1.40-2.30	2.30-3.20	3.20-4.10	4.10-5.00	5.00-5.50
	0			1	2	3	4	5		6	7	8	9	10
B.Sc. I	ENG T 1													
MATH														
B.Sc. I														
BIO.														
B.Sc. II														
MATH														
B.Sc. II														
BIO.														
B.Sc. III														
MATH														
B.Sc. III														
BIO.														
B.Sc. I	ENG T 2	ENG T 2		ENG T 2										
MATH														
B.Sc. I														
BIO.														
B.Sc. II														
MATH														
B.Sc. II														
BIO.														
B.Sc. III														
MATH														
B.Sc. III														
BIO.														
B.Sc. I	ENG T 5	09-Mar		ENG 9										
MATH														
B.Sc. I														
BIO.														
B.Sc. II														
MATH														
B.Sc. II														
BIO.														
B.Sc. III														
MATH														
B.Sc. III														
BIO.														

Dr. Kabole  
HEAD,  
Department of Electronics,  
Shri Shivaji Science & Arts College,  
Chikhl, Dist. Buldana.

Principal  
Shri Shivaji Science & Arts  
College, Chikhl, Dist. Buldana



Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhl, Dist. Buldana

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



T H U R S D A Y	B.Sc. I MATH	ENG (M)15(ABB)	ENG 8	08-Mar	ELE-LAB	MATH 11	ELE 11-	MATH 11	PHY 11	COMP 11	MATH 11	ENG T 11	MATH 11
	B.Sc. I BIO.	BIOINF(MicroLab)	BIOINF(MicroLab)	ENG T 6		CHE 13()		ZOOL 1	MCB 01	CHE 22		COMP11	ZOOL 12
	B.Sc. II MATH					BOT 12+11	BOT 01						
	B.Sc. II BIO.	E.SCI- 16				PHY 22		PHY 17	COMP 17	MATH 17		PHY21	
F R I D A Y	B.Sc. III MATH				MCB 02		BOT 02	ZOOL02	CHE 02	BOT 02		BOT 21/22	
	B.Sc. III BIO.												
	B.Sc. I MATH	15-Mar	ENG T 8		PHY (Lab)	ELE 11()	MATH 11	PHY 11	MATH 11	COMP 11		COMP12	
	B.Sc. I BIO.	16-Mar	MAR		CHE 13							PHY 12	
S A T U R D A Y	B.Sc. II MATH												
	B.Sc. II BIO.												
	B.Sc. III MATH												
	B.Sc. III BIO.												

*A. K. Kote*  
HEAD,  
Department of Electronics,  
Shri Shivaji Science & Arts College,  
CHIKHIL, Dist. Buldana

*Principle*  
PRINCIPAL  
Shri Shivaji Science & Arts  
College, Chikhil, Dist. Buldana

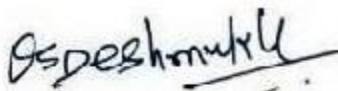


*Dr. Omraj S. Deshmukh*  
Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhil, Dist. Buldana

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Shri Shivaji Science & Arts College, Chikhli Biology Group Time Table (Online+LMS) W.e.f. 04/08/2020									
Time/ Day	Class	11:00-11:45	11:45-12:30	12:30-01:15	01:15-02:00	02:00-02:45	02:45-03:30	03:30-04:15	04:15-05:00
Monday	B.Sc.I								
	B.Sc.II		MCB	ZOO	BOT	CHEM			
	B.Sc.III		BOT (LMS)		MCB(LMS)	ZOO(LMS)		CHEM(LMS)	
Tuesday	B.Sc.I								
	B.Sc.II		BOT(LMS)	ZOO	CHEM	MCB (LMS)			
	B.Sc.III		CHEM	MCB	BOT	ZOO			
Wednesday	B.Sc.I								
	B.Sc.II	BOT(LMS)	ZOO			MCB(LMS)		CHEM(LMS)	
	B.Sc.III		BOT(LMS)	MCB		ZOO			CHEM(LMS)
Thursday	B.Sc.I								
	B.Sc.II		MCB		BOT	ZOO(LMS)		CHEM(LMS)	
	B.Sc.III		BOT(LMS)	ZOO	MCB	CHEM			
Friday	B.Sc.I								
	B.Sc.II	BOT(LMS)	MCB	ZOO(LMS)					CHEM(LMS)
	B.Sc.III			BOT	MCB(LMS)	ZOO(LMS)		CHEM(LMS)	
Saturday	B.Sc.I								
	B.Sc.II	ZOO(LMS)		MCB(LMS)	BOT	CHEM			
	B.Sc.III		BOT	CHEM	MCB(LMS)	ZOO(LMS)			



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
**Shri Shivaji Sci. & Arts**  
**College, Chikhli, Dist. Buldana**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## Time-Table Maths Group

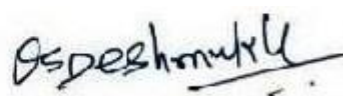
Shri Shivaji Science & Arts College Chikhli, Dist. Buldana  
Time Table (Theory) 2020-2021 W.E. F. 07-10-2021

LMS & Zoom

Day	Class/Time	11:00 to 11:45	11:45 to 12:30	12:30 to 1:15	1:15 to 2:00	2:00 to 2:45	2:45 to 3:30	3:30 to 4:15	4:15 to 5:00
		1	2	3	4	5	6	7	8
MON	B. Sc. I		MATHS	COMP	PHY	ELE (SAK)			
	B. Sc. II			ELE (SAK)	Comp (MEJ)		Maths (SAS)		PHY (PBN)
	B. Sc. III	COMP (SSG)		ELE (DBB)	Math (SAS)				
TUE	B. Sc. I		PHY	COMP	MATHS	ELE (DBB)	PHY		
	B. Sc. II	ELE (DBB)		Math (SAS)	Comp (MEJ)				PHY (DNB)
	B. Sc. III	Comp (ABK)		ELE (SAK)			PHY (NBT)	Maths (SAS)	
WED	B. Sc. I		ELE (SAK)	PHY	MATHS	COMP			
	B. Sc. II		PHY (DNB)		Comp (MEJ)	Math (SAS)			ELE (SAK)
	B. Sc. III		Comp (SSG)	ELE (DBB)			PHY (VBH)	Math (SAS)	
THU	B. Sc. I		PHY	ELE (SAK)	COMP	MATHS			
	B. Sc. II		PHY (VBH)		Comp (SSG)	ELE (SAK)			Maths (SAS)
	B. Sc. III	Comp (ABK)		ELE (DBB)			Maths (SAS)	PHY (DNB)	
FRI	B. Sc. I		COMP	PHY	ELE (DBB)	MATHS			
	B. Sc. II		ELE (DBB)	Comp (SSG)		PHY (PBN)	Maths (SAS)		
	B. Sc. III	Comp (ABK)		ELE (SAK)	Math (SAS)		PHY (DNB)		
SAT	B. Sc. I		COMP	PHY	MATHS	ELE (DBB)			
	B. Sc. II	Comp (ABK)	ELE (SAK)			Math (SAS)		Comp (SSG)	PHY (VBH)
	B. Sc. III	Comp (SSG)		ELE (DBB)			PHY (PPP)	Maths (SAS)	

Principal  
Department of Education,  
Shri Shivaji Science & Arts College,  
CHIKHLI, Dist. Buldana.



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
**Shri Shivaji Sci. & Arts**  
**College, Chikhli, Dist. Buldana**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## Department of Botany

### Department of Botany

#### Time-table 2020-21

Day	Class	Practical	11.00-11.50	11.50-12.40	12.40-1.30	1.30-1.40	1.40-2.30	2.30-3.20	Practical 3.20- 5.50
Monday	B.Sc.I					Launch Break	Bot (VUP)		DLG/VUP Batch 11 A & B
	B.Sc.II			Bot (MDK)				Bot (ASK)	
	B.Sc.III			Bot(DLG)					
Tuesday	B.Sc.I		Bot (MDK)				Bot(VUP)		VUP/DLG Batch 11 A & B
	B.Sc.II								
	B.Sc.III						Bot (ASK)		
Wednesday	B.Sc.I			Bot (DLG)					
	B.Sc.II				Bot(VUP)				DLG/MDK/ASK Batch 21/22
	B.Sc.III						Bot (MDK)		
Thursday	B.Sc.I	9.40-11.50 (MDK/DLG) Batch 11 C & 12		Bot (DLG)					
	B.Sc.II			Bot (MDK)				Bot(VUP)	DLG/MDK/ ASK Batch 21/22
	B.Sc.III						Bot (ASK)		
Friday	B.Sc.I	8.50 -11.00 (DLG/MDK) Batch 11 C & 12			Bot (DLG)				
	B.Sc.II								
	B.Sc.III							Bot(MDK)	MDK/VUP Batch 31/32
Saturday	B.Sc.I								
	B.Sc.II			Bot (DLG)					
	B.Sc.III			Bot(ASK)					MDK/VUP Batch 31/32

V.U.Pochhi-04 Lecture (4 Practical's), M.D.Kolte-05 Lecture (5 Practical's), D.L.Gavande-05 Lecture (5 Practical's) & A. S. Kale- 04 Lectures (02 Practical's)

HEAD, *[Signature]*  
Department of Botany  
Shri Shivaji Science & Arts College,  
CHIKHOLI, Dist. Buldana



*[Signature]*  
Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikholi, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHLI DISTT.- BULDANA**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**TIME- TABLE 2021-22**  
**COMPUTER SCIENCE**

**WEF: 08/11/2021**

DAY	CLASS	8.10-8.50	8.50-9.30	9.30-9.40	9.40-10.20	10.20-11.00	11.00-11.50	11.50-12.40	12.40-1.30	1.30-1.40	1.40-2.30	2.30-3.20	3.20-4.10	4.10-5.00	5.00-5.50
		0	0		1	2	3	4	5		6	7	8	9	10
<b>MON</b>	B. Sc. I														
	B. Sc. II					<----- COMP 21 (SSG) ----->				<b>R</b>		COMP 11 (SSG)			
	B. Sc. III								COMP 16 (MEJ)			COMP 17 (ABK)			
													<--- COMP 31/32(ABK/MEJ)--->		
<b>TUE</b>	B. Sc. I											COMP 11 (SSG)			
	B. Sc. II					<----- COMP 22(ABK) ----->			COMP 17 (ABK)	<b>E</b>					
	B. Sc. III											COMP 16 (MEJ)	<--- COMP 31/32(ABK/MEJ)--->		
<b>WED</b>	B. Sc. I											COMP 11 (SSG)	<COMP 11/12 (PMCS) (MEJ/SSG) ->		
	B. Sc. II									<b>C</b>		COMP 17 (ABK)			
	B. Sc. III							COMP 16 (MEJ)							
<b>THU</b>	B. Sc. I											COMP 11 (MEJ)	<---COMP 11/12 (PMCS) (SSG)--->		
	B. Sc. II									<b>E</b>		COMP 17 (SSG)			
	B. Sc. III							COMP (ABK-Smart Class)							
<b>FRI</b>	B. Sc. I											COMP 11 (MEJ)	<---COMP 13 (PECS) (MEJ)--->		
	B. Sc. II				<----- COMP 22 (SSG) ----->					<b>S</b>		COMP 17 (SSG)			
	B. Sc. III							COMP 16 (ABK)							
<b>SAT</b>	B. Sc. I											COMP 11 (MEJ)	<---COMP 13 (PECS) (SSG) ->		
	B. Sc. II				<----- COMP 22 (ABK) ----->					<b>S</b>		COMP 17 (SSG)			
	B. Sc. III								COMP 16 (ABK)						

Dept. Of Computer Science  
 Shri Shivaji Sci. & Arts College  
 BULDANA (M.S.)



*Dr. Omraj S. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhl, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

**DEPARTMENTAL TIME TABLE**

**Department of History**

**Class : B.A.Part I,II & III**

**Session-2020-21**

Day	11.50-12.40	12.40-1.30	1.40-2.30	2.30-3.20	3.20-4.10	4.10-5.00
MON		B.A.I (A)	B.A.I (B)		B.A.III	
TUE		B.A.II	B.A.I (A)		B.A.I (B)	
WED	B.A.III	B.A.I (A)	B.A.II	B.A.I (B)		
THU			B.A.II		B.A.III	
FRI	B.A.III	B.A.I (A)	B.A.II	B.A.I (B)		
SAT		B.A.I (A)	B.A.II	B.A.III		B.A.I (B)

Name of the Teacher	Class	Lecture	Total
Dr.V.R.Padwal	B.A.Part I (A+B)	5+5	20
	B.A.Part II	5	
	B.A.Part III	5	



*Dr. Omraj S. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
**Principal**  
**Shri Shivaji Sci. & Arts**  
**College, Chikhti, Dist. Buldana**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



**Shri Shivaji Science And Arts College, Chikhli Dist- Buldana.**

**Personal Time-Table**

**2020-2021**

**Department of Marathi**

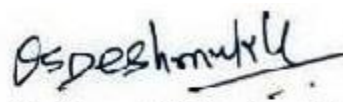
**Class: B.A. I,II,III**

Day	11.00- 11.50	11.50- 12.40	12.40- 01.30	01.40- 02.30	02.30- 03.20	03.20- 04.10	04.10- 05.00
Mon			MAR-II	MLT-II		MLT-I	
Tue					MLT-II	MAR-III	
Wed		MLT-I		MLT-II	MAR-III		
Thu				MLT-I	MAR-III	MLT-II	MAR-II
Fri			MLT-II	MAR-III		MLT-I	MAR-II
Sat			MAR-II		MLT-I		

Name of the Teacher	Class	Lecture	Total
	B.A.I A+B	05	05
Dr. A. R. Muley	B.A.II (MAR)	04	04
	B.A.II (MLT)	05	05
	B.A.III	04	04
		18	18

  
**(Dr. A. R. Muley)**  
 Assist. Professor  
 Shri Shivaji Sci. & Arts College  
 Chikhli, Dist. Buldana



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHLI**  
**TIME TABLE - 2020-2021**  
**B. COM. SEM. I, III, & V**

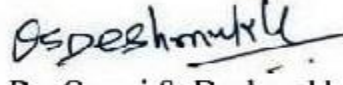
W.E.F. 1<sup>st</sup> AUG. 2020

DAY	SEMISTER	11.50-12.40	12.40-1.30	1.30-1.40	1.40-2.30	2.30-3.20	3.20-4.00	4.00-4.50	5.00-5.45
MON.	SEM. I	ENG	BEC(RPG)	R	AAC	PBO	MAR	ENG T 3	
	SEM. III	CAT	ENG		ITA(RPG)	MFS	ITB (SNG)		
	SEM. V	CMA (RPG)	BEM		BFC	IWW(SNG)	MAR	EOE (SNG)	
TUES.	SEM. I	ENG	BEC(RPG)	E	AAC	PBO			
	SEM. III	MFS	ENG		ITB (SNG)	CAT	ITA (RPG)		
	SEM. V	IWW (SNG)	BEM		BFC	CMA(RPG)	EOE (EOE)		
WED.	SEM. I	ENG	CFS (SNG)	C	AAC	BEC (RPG)		ENG T 1	
	SEM. III	BMS (RPG)	ENG		ITA (RPG)	ITB(SNG)	CAT		
	SEM. V	IWW (SNG)	BEM		EOE	BFC	CMA (RPG)		
THURS	SEM. I	AAC	CFS (SNG)	E	MAR	BEC (RPG)		ENG T 2	
	SEM. III	ITB(SNG)	CAT		MFS	MAR	BMS (RPG)		
	SEM. V	BFC	ENG		CMA(RPG)	BEM		EOE (SNG)	
FRI.	SEM. I	AAC	PBO	S	MAR	BEC (RPG)	CFS(SNG)	ENG T 4	
	SEM. III	MAR	BMS		BMS(RPG)	MFS	ITA (RPG)		
	SEM. V	ENG	EOE		IWW(SNG)	BEM	MAR		
SAT.	SEM. I	ENG	PBO	S	MAR	CFS (SNG)			
	SEM. III	BMS	ITB(SNG)		ITA (RPG)	MFS	CAT		
	SEM. V	BFC	ENG		IWW (SNG)	CMA (RPG)	EOE (SNG)		

Dr. R.P. Gawde - 18  
 Prof. B.N. Gawde - 19

  
**HOD**  
 Dept. Of Commerce  
 Shri Shivaji Science &  
 Art's College, Chikhli



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHLI**  
**TIME TABLE - 2020-2021**  
**B. COM. SEM. II, IV, & VI**

**W.E.F. 1<sup>st</sup> DEC. 2020**

DAY	SEMISTER	11.50-12.40	12.40-1.30	1.30-1.40	1.40-2.30	2.30-3.20	3.20-4.00	4.00-4.50	5.00-5.45
MON.	SEM. I	ENG	BEC(RPG)	R	AAC	PBO	MAR	ENG T 3	
	SEM. III	CAT	ENG		ITA(RPG)	MFS	ITB(SNG)		
	SEM. V	CMA(RPG)	BEM		BFC	IWW(SNG)	MAR	EOE(SNG)	
TUES.	SEM. I	ENG	BEC(RPG)	E	AAC	PBO			
	SEM. III	MFS	ENG		ITB(SNG)	CAT	ITA(RPG)		
	SEM. V	IWW(SNG)	BEM		BFC	CMA(RPG)	EOE(EOE)		
WED.	SEM. I	ENG	CFS(SNG)	C	AAC	BEC(RPG)		ENG T 1	
	SEM. III	BMS(RPG)	ENG		ITA(RPG)	ITB(SNG)	CAT		
	SEM. V	IWW(SNG)	BEM		EOE	BFC	CMA(RPG)		
THURS	SEM. I	AAC	CFS(SNG)	E	MAR	BEC(RPG)		ENG T 2	
	SEM. III	ITB(SNG)	CAT		MFS	MAR	BMS(RPG)		
	SEM. V	BFC	ENG		CMA(RPG)	BEM	EOE(SNG)		
FRI.	SEM. I	AAC	PBO	S	MAR	BEC(RPG)	CFS(SNG)	ENG T 4	
	SEM. III	MAR	BMS		BMS(RPG)	MFS	ITA(RPG)		
	SEM. V	ENG	EOE		IWW(SNG)	BEM	MAR		
SAT.	SEM. I	ENG	PBO	S	MAR	CFS(SNG)			
	SEM. III	BMS	ITB(SNG)		ITA(RPG)	MFS	CAT		
	SEM. V	BFC	ENG		IWW(SNG)	CMA(RPG)	EOE(SNG)		

Dr. R.P. Gawai - 18  
Prof. S.N. Gawai - 19

*(Signature)*  
HOD  
Dept. Of Commerce,  
Shri Shivaji Science &  
Art's College, Chikhli



*(Signature)*  
**Dr. Omraj S. Deshmukh**  
**Principal**  
**Shri Shivaji Sci. & Arts**  
**College, Chikhli, Dist. Buldana**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHLI**  
**TIME TABLE - 2020-2021**  
**B. COM. SEM. I, III, & V**

Personal Time Table Dr. S. N. Gawai W.E.F. 1<sup>st</sup> AUG. 2020

DAY	SEMISTER	11.50-12.40	12.40-1.30	1.30-1.40	1.40-2.30	2.30-3.20	3.20-4.00	4.00-4.50	5.00-5.45
MON.	SEM. I	ENG	BEC	R	AAC	PBO	MAR	ENG T 3	
	SEM. III	CAT	ENG		ITA	MFS	ITB-SNG		
	SEM. V	CMA	BEM		BFC	IWW-SNG.	MAR	EOE-SNG	
TUES.	SEM. I	ENG	BEC	E	AAC	PBO			
	SEM. III	MFS	ENG		ITB-SNG	CAT	ITA		
	SEM. V	IWW-SNG	BEM		BFC	CMA	EOE-SNG		
WED.	SEM. I	ENG	CFS-SNG	C	AAC	BEC		ENG T 1	
	SEM. III	BMS	ENG		ITA	ITB-SNG	CAT		
	SEM. V	IWW-SNG	BEM		EOE	BFC	CMA		
THURS	SEM. I	AAC	CFS-SNG	E	MAR	BEC		ENG T 2	
	SEM. III	ITB-SNG	CAT		MFS	MAR	BMS		
	SEM. V	BFC	ENG		CMA	BEM		EOE-SNG	
FRI.	SEM. I	AAC	PBO	S	MAR	BEC	CFS-SNG	ENG T 4	
	SEM. III	MAR	BMS		BMS	MFS	ITA		
	SEM. V	ENG	EOE		IWW-SNG	BEM	MAR		
SAT.	SEM. I	ENG	PBO	S	MAR	CFS-SNG			
	SEM. III	BMS	ITB-SNG		ITA	MFS	CAT		
	SEM. V	BFC	ENG		IWW-SNG	CMA	EOE-SNG		

**DR. S. N. GAWAI** :- SEM. I - 04

SEM. III - 05

SEM. V - 09

TOTAL - 18



*(Signature)*  
**HUD**  
 Dept. Of Commerce  
 Shri Shivaji Science &  
 Art's College, Chikhl

*(Signature)*  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhl, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## **Time-Table 2019-20**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## SHIVAJI SCIENCE &amp; ARTS COLLEGE, CHIKHLI

(Science Faculty SrCollege) TIME-TABLE 2019-2020 W.E.F. 1/07/2019

DAY	CLASS	8.10-8.50	8.50-9.30	9.30-9.40	9.40-10.20	10.20-11.00	11.00-11.50	11.50-12.40	12.40-1.30	1.30-1.40	1.40-2.30	2.30-3.20	3.20-4.10	4.10-5.00	5.00-5.50
		0	0		1	2	3	4	5		6	7	8	9	10
MONDAY	B.Sc. I	ENG T 1					PHY 13		PHY		MATH 1	COMP 11		PHY 12	
	MATH						CHE 11		ZOOL 1		BOT 01	CHEM		PHY 11	
	B.Sc. I													BOT 11A/B	
	BIO.													MCB 13	
	B.Sc. II				ENV.SCI (22)		ELE (Lab)	ELE 17	PHY 17		COMP17	PHY 17	MATH 17	MATH 17	MATH 17
	MATH						COMP 21							ZOOL 21/22	
	B.Sc. II				ENV.SCI.(22)		ZOOL-2	BOT 02	MCB 02		CHE	BOT 02			
	BIO.														
	B.Sc. III					ELE (Lab)	MATH15	PHY 15	COMP15		MATH 15	PHY 15		COMP 31	
TUESDAY	B.Sc. I	ENG T 2	ENG T 2		ENG T 2		ELE11, 12		MATH 11		MATH 11	COMP 11	MATH 11	MATH 11	MATH 11
	MATH								PHY-11					PHY 11	
	B.Sc. I								ZOOL 1		BOT 01	CHE		BOT 11	
	BIO.	ENG 22			MCB11/12 (P)									MCB 13	
	B.Sc. II				ENV.SCI 22		COMP21		COMP 17		MATH 17	PHY 17	MATH 17	MATH 17	MATH 17
	MATH														
	B.Sc. II				MATH 17		CHE 22		CHE		MCB 02	ZOOL02		ZOOL 21/ 22	
	BIO.				ENV.SCI.B.22									ELE 21/ ELE 22	
	B.Sc. III					MATH 22	MATH 15		PHY31		COMP 15			COMP 31	
WEDNESDAY	B.Sc. I	ENG T 5	09-Mar		ENG 9		ELE 11 *	ELE ✓	MATH 11		PHY 11( )	COMP 11		ELE 11	
	MATH						CHE 12							COMP -12	
	B.Sc. I						BIOINF 22	BOT 01	MCB 01		ZOOL 1	CHE		ZOOL 11	
	BIO.														
	B.Sc. II		MATH 11		MATH 17		PHY 22		MATH 17		COMP17	PHY17		PHY21	
	MATH							ELE-LAB							
	B.Sc. II						CPA 11	ZOOL 02	MCB 02		BOT 02	CHE	ZOOL02		BOT 21/22
	BIO.														
	B.Sc. III				CPA 31	MATH 22	PHY 15	COMP 15	PHY 32( )					CHE 31	
THURSDAY	B.Sc. I						MATH 22	CPA 12	ELE-LAB	ELE-LAB ( )				MCB 32	
	MATH								ZOOL 03	BOT 03	MCB 03				
	B.Sc. I							CHE							
	BIO.														
	B.Sc. II														
	MATH														
	B.Sc. II														
	BIO.														
	B.Sc. III														

GLE-phy-Comp.

math, ele  
from 10-12  
12-01-phy

*(Signature)*  
Principal  
Shivaji Science & Arts  
CHIKHLI, (Dist. Bul.)

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



DAY	CLASS	8.10-8.50	8.50-9.30	9.30-9.40	9.40-10.20	10.20-11.00	11.00-11.50	11.50-12.40	12.40-1.30	1.40	1.40-2.30	2.30-3.20	3.20-4.10	4.10-5.00	5.00-5.50
		0'	0		1	2	3	4	5		6	7	8	9	10
T H U R S D A Y	B.Sc. I	ENG (M)15(ABB)	ENG 8		08-Mar ENG T 6	ELE-LAB	MATH 11	ELE 11-	MATH 11		PHY 11.	COMP 11	MATH 11	ENG T 11	MATH 11
	MATH														
	B.Sc. I														
	BIO.														
F R I D A Y	B.Sc. II														
	MATH														
	B.Sc. II														
	BIO.														
S A T U R D A Y	B.Sc. III														
	MATH														
	B.Sc. III														
	BIO.														

*(Signature)*  
Principal  
Shri Shivaji Science & Arts  
College, Chikhli, (Dist. Buld.)



*(Signature)*  
Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

## **Time-Table 2018-19**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## ● Dept. of MICROBIOLOGY

MICB 111/12 (P) & MCB 11/12 (P)

(Science Faculty Sr College) TIME TABLE W.E.F 01/07/2018

CLASS	8:30-9:00	9:00-9:40	9:40-10:20	10:20-11:00	11:00-11:50	11:50-12:30	12:30-1:30	1:30-2:30	2:30-3:20	3:20-4:10	4:10-5:00	5:00-5:45
MONDAY	B.Sc. I MATH	ENG T 1			PHY 13		ELE 11		MATH 1	COMP 11		
	B.Sc. I BIO.		MCB 11/12		CHE 11		ZOOL 1		BOT 01	CHEM		PHY 11
	B.Sc. II MATH			ENV.SCI (22)	ELE (Lab)	ELE 17	PHY 17		COMP17	PHY 17	MATH 17	MATH 17
TUESDAY	B.Sc. I MATH	ENG T 2			COMP 21							
	B.Sc. I BIO.		MCB 11/12 (P)									
	B.Sc. II MATH			ENV.SCI (22)	ZOOL-2	BOT 02	MCB 02		CHE	BOT 02		ZOOL 21/22
WEDNESDAY	B.Sc. I MATH	ENG T 3										
	B.Sc. I BIO.											
	B.Sc. II MATH											

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

DAY	CLASS	8.10-8.50	8.50-9.30	9.30-9.40	9.40-10.20	10.20-11.00	11.00-11.50	11.50-12.40	12.40-1.30	1.30-1.40	1.40-2.30	2.30-3.20	3.20-4.10	4.10-5.00	5.00-5.50
T H U R S D A Y	B.Sc. I MATH B.Sc. I BIO.	ENG (M)15(ABB) BIOINF(MicroLab)	ENG 8 BIOINF(MicroLab)		1 8-Mar ENG T 6	2 ELE-LAB	3 MATH 11	4 ELE 11-	5 MATH 11		6 PHY 11	7 COMP 11	8 MATH 11	9 ENG T 11	10 MATH 11
F R I D A Y	B.Sc. II MATH B.Sc. II BIO.		E.SCI- 16												
S A T U R D A Y	B.Sc. I MATH B.Sc. I BIO.	15-Mar ENG T 8	16-Mar MAR												
S U N D A Y	B.Sc. II MATH B.Sc. II BIO.														
S U N D A Y	B.Sc. I MATH B.Sc. I BIO.	22-Mar ENG 22													
S U N D A Y	B.Sc. II MATH B.Sc. II BIO.														
S U N D A Y	B.Sc. I MATH B.Sc. I BIO.														

  
**Principal**  
 Shri Shivaji Sci & Arts  
 College, Chikhli, Dist. Buldana

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## **Time-Table 2017-18**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## SHRI SHIVAJI SCIENCE &amp; ARTS COLLEGE, CHIKHLI

(Science Faculty Sr. College)

TIME-TABLE 2017 -2018

W.E.F.01 /07/2017

DAY	CLASS	8.10-8.50	8.50-9.30	9.30-9.40	9.40-10.20	10.20-11.00	11.00-11.50	11.50-12.40	12.40-1.30	1.30-1.40	1.40-2.30	2.30-3.20	3.20-4.10	4.10-5.00	5.00-5.50
		0'	0		1	2	3	4	5		6	7	8	9	10
MONDAY	B.Sc. I MATH B.Sc. I BIO.	ENG T 1(SIJ)							ELE 11(DBB)		MATH 11(PRR)	COMP 11(ABK)			
TUESDAY	B.Sc. I MATH B.Sc. I BIO.	ENG T 2(SIJ)	ENG T 2(SIJ)	ENG T 2(SIJ)											
WEDNESDAY	B.Sc. I MATH B.Sc. I BIO.	ENG T 5(SIJ)	MAR 9 (RD)	ENG(M)9(AAB)											



श्री शिवाजी विज्ञान व कला महाविद्यालय  
चिक्ली

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

CLASS	8.10-8.50	8.50-9.30	9.30-9.40	9.40-10.20	10.20-11.00	11.00-11.50	11.50-12.40	12.40-1.30	1.30-1.40	1.40-2.30	2.30-3.20	3.20-4.10	4.10-5.00	5.00-5.50
	0'	0		1	2	3	4	5		6	7	8	9	10
B.Sc. I	ENG (M)15(ABB)	ENG (M)8(ABB)		MAR 8 (RD)	ELE-LAB(GKR)	MATH 11(SAS)	ELE 11-(DBB)	MATH 11(PRR)		PHY 11 (SPI)	COMP 11 (VVA)	MATH 11(SAS)	ENG T 11(SVJ)	MATH 11(SAS)
B.Sc. I	BIOINF(MicroLab)	BIOINF(MicroLab)		ENG T 6(ABB)		CHE 13(SLK/MAP)		ZOOL 1(MTN)		MCB 01 (KDP)			COMP11(ABK/VVA)	
BIO.														
B.Sc. II														
B.Sc. II														
BIO.														
B.Sc. III														
B.Sc. III														
BIO.														
B.Sc. I	MAR 15 (RD)	ENG T 8(ABB)			PHY (Lab)	ELE 11(SAK)	MATH 11(PRR)	PHY 11 (NBT)		MATH 11(PRR)	COMP 11(VVA)		COMP12 (ABK)	
B.Sc. I	MAR 16 (RD)	MAR (RD)												
BIO.														
B.Sc. II														
B.Sc. II														
BIO.														
B.Sc. III														
B.Sc. III														
BIO.														
B.Sc. I	MAR 22 (RD)	ENG(M) 22(ABB)												
B.Sc. I	MAR 22 (RD)													
BIO.														
B.Sc. II														
B.Sc. II														
BIO.														
B.Sc. III														
B.Sc. III														
BIO.														

*[Signature]*

11/12/20  
 11/12/20  
 11/12/20

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

**SHRI SHIVAJI SCIENCE AND ARTS COLLEGE, CHIKHLI (DIST.BULDANA)**  
**DEPARTMENT OF MICROBIOLOGY**

**TIME - TABLE 2017-18 W.E.F. 06/11/2017 TO 30/04/2018**  
**Semester - II, IV, VI**



Semester - II, IV, VI															
TIME /DAY		8.10 -8.50	8.50 -9.30	9.30 -9.40	9.40 .10.20	10.20 -11.00	11.00- 11.50	11.50 -12.40	12.40 - 1.30	1.30 -1.40	1.40 - 2.30	2.30 - 3.20	3.20 - 4.10	4.10 - 5.00	5.00 - 5.50
MON	B Sc I	MCB ---Practical---11/12 (M)								R			MCB Practical --13(M)		
	B Sc II			R				MCB (2) (P)							
	B Sc III										MCB (3) (G)				
TUE	B Sc I	MCB ---Practical---11/12 (M)						MCB (1) (M)		E			MCB Practical --13(M)		
	B Sc II			E							MCB (2) (P)				
	B Sc III							MCB (3) (G)							
WED	B Sc I			C					MCB (1) (M)	C					
	B Sc II							MCB (2) (P)							
	B Sc III				MCB Practical --31(G)				MCB (3) (G)			MCB Practical --31(G)			
THU	B Sc I			E						E	MCB (1) (P)				
	B Sc II						MCB (2) (M)								
	B Sc III	MCB ---Practical--32 (M)										MCB (3) (G)	MCB Practical --32(G)		
FRI	B Sc I			S				MCB (1) (P)		S	MCB (1) (P)				
	B Sc II	MCB ---Practical---21 (P)										MCB (2) (M)	MCB Practical --22 (P)		
	B Sc III			S							MCB (3) (G)				
SAT	B Sc I					MCB (1) (M)				S					
	B Sc II	MCB ---Practical--21 (P)							MCB (2) (M)			MCB Practical --22 (P)			
	B Sc III						MCB (3) (G)								

**Abbreviations**

P - Prof. K. D. Pensionwar  
G - Prof. A. M. Garode  
M - Prof. S. N. Mendhe

*(Signature)*  
**HEAD,**

Department of Microbiology  
Shri Shivaji Science & Arts College  
CHIKHLI, Dist. Buldana.



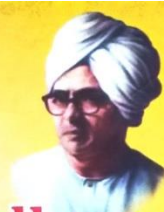
Class	Theory	Practical	Total
B.Sc. I	6	18	24
B.Sc. II	6	12	18
B.Sc. III	6	12	18
<b>Total</b>	<b>18</b>	<b>42</b>	<b>60</b>

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## **Teaching Diary 2021-22**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**




  

Shri Shivaji Education Society Amravati's

**Shri Shivaji Science & Arts College**

Chikhli, Dist. Buldana (M.S.) 443201

Phone : 07264-242088

**ACADEMIC DIARY**

2021 - 2022

Name : Vijayshree M. Hemke  
Designation : Assistant professor  
Department : Zoology  
Address : SSSAC, Chikhli  
Mob. : 9421732680

website : [www.shivajichk.ac.in](http://www.shivajichk.ac.in) | Email : [shivajichk@rediffmail.com](mailto:shivajichk@rediffmail.com)

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



Shri Shivaji Education Society Amravati's



**Shri Shivaji Science & Arts College, Chikhli.**  
**Dist. Buldana (M.S.) 443201**

NAAC Reaccredited with 'B++' Grade (CGPA 2.82)

ISO : 9001:2015

Phone : 07264-242088

website: [www.shivajichk.ac.in](http://www.shivajichk.ac.in)

email: [shivajichk@rediffmail.com](mailto:shivajichk@rediffmail.com)

# ACADEMIC DIARY

2021 - 2022

Name : Dr. Vijayshree A. Hemke  
Designation : Assistant professor  
Department : Zoology  
Address : D.P. Road, Chikhli  
Mob. : 9421732680

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



# ACADEMIC CALENDER

(2021 -2022)

Session	From	To
First Session	30-08-21	15-01-22
Winter Vacation	01-11-21	06-11-21
Second Session	17-01-22	31-05-22
Summer Vacation	01-06-22	30-06-22

## - PUBLIC HOLIDAYS -

Sr. No.	Holiday	Day	Date
1	Ganesh Chaturthi	Friday	10-06-21
2	Gouvi Poojan	Monday	13-09-21
3	Mahatma Gandhi Jayanti	Saturday	02-10-21
4	Sarvpiti Amavasya	Wednesday	06-10-21
5	Dasara	Friday	15-10-21
6	Id-E-Milad	Tuesday	19-10-21
7	Gurunanak Jayanti	Friday	19-11-21
8	Christmas	Saturday	25-12-21
9	Makarsankranti	Friday	14-01-22
10	Republic Day	Wednesday	26-01-22
11	Ch. Shivaji Maharaj Jayanti	Saturday	19-02-22
12	Mahashivratri	Tuesday	01-03-22
13	Holi [second day]	Friday	18-03-22
14	Gudhi padwa	Saturday	02-04-22
15	Dr. Babasaheb Jayanti	Thursday	14-04-22
16	Good Friday	Friday	15-04-22
17	Ramzan Id	Tuesday	03-05-22
18	Buddha Pournima	Monday	16-05-22
19			
20			

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



### WORKLOAD ALLOTTED

Subject : Zoology

Sr.No.	Class	Paper Allotted	Number of Periods per week			Total Period
			Theory	Practical	Tutorial	
1	BSc-I		01	03		10
2	BSc-II		03	02		09
3	BSc-III		02	01		05
4						
5						
6						

Total Number of Periods per week : Theory - 06  
 Practical -  $06 \times 03 = 18$   
 Tutorial -   
 Total - 24 ✓

### WORKLOAD ALLOTTED

Subject : Zoology

Sr.No.	Class	Paper Allotted	Number of Periods per week			Total Period
			Theory	Practical	Tutorial	
1	BSc-I, Sem-I		01	$03 \times 03$		10
2	BSc-II, Sem-III		03	$02 \times 03$		09
3	BSc-III, Sem V		02	$01 \times 03$		05
4						
5						
6						

Total Number of Periods per week : Theory - 06  
 Practical -  $06 \times 03 = 18$   
 Tutorial -   
 Total - 24 ✓

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

### - PERSONAL TIME TABLE -

1. With effect from : 30.08.21

Period	1	2	3	4	5	6	7	8	9
Day/Time	9:40 10:20	10:20 11:00	11:00 11:50	11:50 12:40	12:40 01:30	1:40 2:30	2:30 3:20	3:20 4:10	4:10 5:50
Monday					Sem-I T			Sem-III P	Z <sub>21</sub> Z <sub>22</sub>
Tuesday							Sem-III T	Sem-III P	Z <sub>21</sub> Z <sub>22</sub>
Wednesday					Sem-V T		Sem-III T	Sem-I P	Z <sub>11</sub>
Thursday					Sem-V T			Sem-I P	Z <sub>12</sub>
Friday		Sem-V P							
Saturday				Sem-I P	Z <sub>11</sub>		Sem-III T		

### - PERSONAL TIME TABLE -

2. With effect from : 07.02.22

Period	1	2	3	4	5	6	7	8	9
Day/Time	9:40 10:20	10:20 11:00	11:00 11:50	11:50 12:40	12:40 01:30	1:40 2:30	2:30 3:20	3:20 4:10	4:10 5:50
Monday					Sem-II T			Sem-IV P	Z <sub>11</sub> Z <sub>12</sub>
Tuesday							Sem-II T	Sem-IV P	Z <sub>11</sub> Z <sub>12</sub>
Wednesday					Sem-VI T		Sem-IV T	Sem-II P	Z <sub>11</sub>
Thursday					Sem-IV T			Sem-I P	Z <sub>12</sub>
Friday		Sem-VI P							
Saturday				Sem-II P	Z <sub>11</sub>		Sem-II T		

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Annual Plan

Session : 2021-22

Class : BSc-II, Sem III

Subject : \_\_\_\_\_

Paper / Unit Life & Diversity of

Approximate Theory Periods Required : \_\_\_\_\_

Chordata and concept

Approximate Practical Periods Required : \_\_\_\_\_

of Evolution.

Sr.No.	Unit	Micro Planning for topic to be Covered in each unit	Lectures Required	Duration/ Months
①	IV <sup>th</sup>	Evolution: Meaning & scope	1	
②		Indirect Evidences of evolution. Morphological and Anatomical, physiological, Biochemical, Embryological.	2	
③			2	
④		Direct evidences: paleontological evidences, fossils and fossilization, petrified fossils, dead and preserve	2	
⑤		bodies, cast and moulds	1	
⑥		Trails and foot prints	2	
⑦		Radioactive carbon dating	2	
⑧		Importance of fossil record	2	
①	V <sup>th</sup>	Evolutionary processes	2	
②		Darwinism, Lamarckism	2	
③		speciation, Definition of species - mode of speciation	2	
④		Allopatric & sympatric speciation	1	
		- Modern concept of organic evolution - Neo Darwinism, population		

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

### Annual Plan

Session : 2021-22

Class : BSc-II, Sem-III

Subject :

Paper / Unit Life and Diversity

Approximate Theory Periods Required :

of chordata and

Approximate Practical Periods Required :

concept of Evolution

Sr.No.	Unit	Micro Planning for topic to be Covered in each unit	Lectures Required	Duration/ Months
⑤		Genetics.	1	
⑥		Hardy-Kleinberg equilibrium,	2	
⑦		Gene pool, Gene frequency,	2	
⑧		Genetic drift, convergent,	2	
		Divergent & parallel	2	
		evolution, co evolution.		
①	VI <sup>th</sup>	Adaptive radiation in	1	
②		mammals. Evolution of		
③		man - Brief accounts of	2	
④		Parapithecus, Dryopithecus,	2	
⑤		Ramapithecus, Australopi-		
⑥		theus, Homo erectus,	1	
⑦		Neanderthal man, Cro-	2	
⑧		magnon & modern man,	2	
		Evolution of heart, aortic	2	
		arches & urinogenital	2	
		system of vertebrates	2	
		Animal Adaptation: Desert	2	
		aquatic and terrestrial	2	
Practicals - As per syllabus				

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



Working Day : 20	Teaching Day : 02	Date : 28.09.21
Arival Time :	Day : Tuesday	Departure Time :

\* Sem-III Theory

Introduction of Evolution and chordate Zoology. Meaning and scope of evolution

\* Sem-III Practical Batch Z<sub>1</sub> & Z<sub>2</sub>

classification and study of protochordata  
Study of Herdmania, Doliolum, Salpa, Amphioxus  
through specimens & models.

Working Day : 21	Teaching Day : 03	Date : 29.09.21
Arival Time :	Day : Wednesday	Departure Time :

\* Sem V<sup>th</sup> Theory

Introduction of physiology and Economic Zoology

\* Sem-III - Theory

Indirect evidences of Evolution, Anatomical & physiological evidences.

\* Sem-I Practical Batch Z<sub>1</sub>

Observation, classification and sketching of plasmodium, Euglena, Entamoeba. - Animals from phylum: protozoa

Working Day : 22	Teaching Day : 04	Date : 30.09.21
Arival Time :	Day : Thursday	Departure Time :

\* Sem-V<sup>th</sup>

E.M. structure of neuron & types of neuron.

\* BSc-I, Sem-I practical Batch Z<sub>2</sub>

Observation, classification and sketching of plasmodium, Euglena, Entamoeba. - Animals from phylum: protozoa

*Dr. Prakash*  
PRINCIPAL  
Shri Shivaji Science & Arts  
College, Chiknli, Dist. Buldana

Sign. of Teacher

*Prakash*

<b>Working Day : 23</b>	<b>Teaching Day : 05</b>	<b>Date : 01.10.21</b>
Arrival Time :	Day : <u>Friday</u>	Departure Time :
<p>* Sem-V<sup>th</sup> practical Batch Z31 &amp; Z32 Detection of blood group in human being</p>		
<p><b>Working Day : 24</b>      <b>Teaching Day : 06</b>      <b>Date : 02.10.21</b></p> <p>Arrival Time :      Day : <u>Saturday</u>      Departure Time :</p>		
<p>* Sem-I practical Batch - Z11 Observation, classification and sketching of sycon, Euspongia, Euplectella - Animals from phylum: porifera.</p>		
<p>* Sem-III - Theory physiological and Biochemical evidences of evolution Indirect evidences.</p>		
<p><b>Working Day : 25</b>      <b>Teaching Day : 07</b>      <b>Date : 04.10.21</b></p> <p>Arrival Time :      Day : <u>Monday</u>      Departure Time :</p>		
<p>* Sem-I Theory General characters of phylum - platyhelminthes</p>		
<p>* Sem-III practical Batch Z21 &amp; Z22 Observation, classification and study of petromysus Mixine - Animals from class - Agnatha.</p>		
<p>Sign. of Teacher <u>[Signature]</u></p>		

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



<b>Working Day : 26</b>	<b>Teaching Day : 08</b>	<b>Date : 05.10.21</b>
Arival Time :	Day : Tuesday	Departure Time :

\* BSc-II, Sem-III Theory  
Embryological evidences of evolution - Indirect evidences of evolution

\* Sem-III practical - Batch Z<sub>1</sub> & Z<sub>2</sub>  
Observation, classification and study of  
superclass: pisces - Scoliodon, Torpedo, Aelipenser  
Ecocoetus and Hippocampus

<b>Working Day : 27</b>	<b>Teaching Day : 09</b>	<b>Date : 06.10.21</b>
Arival Time :	Day : Wednesday	Departure Time :

\* Wildlife Week celebration  
Guest Lecture -I. R.P - Dr. Milind V Shirkhate  
Topic - Role of students & Teachers in wildlife conservation

\* Holiday - Sarvpitri Amavasya

<b>Working Day : 28</b>	<b>Teaching Day : 10</b>	<b>Date : 07.10.21</b>
Arival Time :	Day : Thursday	Departure Time :

\* BSc-III Theory  
Myelinated and Non myelinated nerve fibers

\* BSc-I, Sem-I practical Batch Z<sub>1</sub>  
Observation, classification and sketching of  
Sylon, Euspongia, Euplectella - Animals from P-porifera

Sign. of Teacher

*[Signature]*

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Working Day : 45 Teaching Day : 27 Date : 28-10-21  
 Arival Time : Day : Thursday Departure Time :

\* Sem-V<sup>th</sup> Theory  
 chemical co-ordination  
 structure and function of pituitary gland.

\* Sem-I practical Batch Z12  
 phylum: arthropoda : prawn, Limulus, Aranea and  
 scolopendra

Working Day : 46 Teaching Day : 28 Date : 29-10-21  
 Arival Time : Day : Friday Departure Time :

\* Sem-V<sup>th</sup> practical-Batch Z1 & Z2  
 preparation of haemin crystals.

Working Day : 47 Teaching Day : 29 Date : 30-10-21  
 Arival Time : Day : Saturday Departure Time :

Sem-I - practical Batch - Z11  
 observation, classification and sketching of Anted-  
 Holothuria, echinus, sea star, Brittle star & Balanoglo-

Sem-III - Theory  
 structure & function of Thyroid and parathyroid  
 gland.

*Ospeshmukh*  
 PRINCIPAL  
 Shri Shivaji Science & Arts  
 College, Chikhli, Dist. Buldana

Sign. of Teacher



*Ospeshmukh*  
 Dr. Omraj S. Deshmukh  
 Principal  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## **Teaching Diary 2020-21**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## Shri Shivaji Science And Arts College, Chikhli

### \* Personal - Information \*

Department of Microbiology

Academic Year 2020-21

Name of Teacher :- Mr. Siddharth N. Mendhe

Designation :- Assistant Professor

Qualification :- M.Sc. (Microbiology) : NET

Address :- C/o V.A. Wayal, Tijau Nagar, Chikhli

☎ :- \_\_\_\_\_ (R.) Mobile 9850888390

Teaching Experience :- 08 yrs

Work Load Allotted for Teaching per Week \_\_\_\_\_

Class	Number of Students Admitted	Theory	Practicals/ Tutorials	Total
B.Sc.I Part - I	Sem-I	06	-	
B.Sc.II Part - II	Sem-III	06	-	
B.Sc.III Part - III	Sem-V	06	-	
Total		18		

Signature of Teacher Mendhe

[ 03 ]

# Personal Time Table

(A)

Periods	1	2	3	4	5	6	7	8	9	10
Time	8:10	9:30	12:30	1:15	02:00	2:45	03:30	04:15	2:30	3:20
Day	11:00 11:45	11:45	1:15	2:00	02:45	3:30	04:15	05:00		3:00
Mon		B.Sc.I ZOOM	B.Sc.II LMS	B.Sc.III LMS		B.Sc.II LMS	B.Sc.II LMS	B.Sc.II LMS		
Tue			B.Sc.I LMS		B.Sc.II LMS		B.Sc.II ZOOM			
Wed			B.Sc.III ZOOM		B.Sc.I LMS					
Thur		B.Sc.II ZOOM		B.Sc.III ZOOM	B.Sc.I LMS					
Fri		B.Sc.II ZOOM	B.Sc.I ZOOM	B.Sc.III LMS						
Sat		B.Sc.I LMS	B.Sc.II LMS	B.Sc.III LMS						

(B)

Periods	1	2	3	4	5	6	7	8	9	10
Time	11:00	11:45	12:30	1:15	02:00	2:45	03:30	04:15		
Day	To 11:45	To 12:30	To 1:15	To 2:00	To 02:45	To 3:30	To 04:15	To 05:00		
Mon		B.Sc.I ZOOM	B.Sc.II LMS	B.Sc.III LMS						
Tue			B.Sc.I LMS		B.Sc.II LMS		B.Sc.III ZOOM			
Wed			B.Sc.III ZOOM		B.Sc.I LMS					
Thur		B.Sc.II ZOOM		B.Sc.III ZOOM	B.Sc.I LMS					
Fri		B.Sc.II ZOOM	B.Sc.I ZOOM	B.Sc.III LMS						
Sat		B.Sc.I ZOOM	B.Sc.II LMS	B.Sc.III LMS						

Signature of Teacher

*[Signature]*

[ 02 ]



## Yearly Plan of Teaching

\* Pre - Diwali Session \*

From :- 06/06/2020 to 26/12/2020

Subject :- Microbiology

Sr. No	Class / Subject / Paper	Units / Topics To be Taught	No. of Periods Available	Remarks
1.		<p style="text-align: center;"><u>B.Sc.I (Sem-I)</u></p> <p>Unit - I - History of Microbiology</p> <p>Unit - II - Microscopy</p> <p>a) Microscopes &amp; its parts</p> <p>b) Principle, construction &amp; ray diagram &amp; Application of different Microscopes.</p> <p>c) Staining</p> <p>Unit - III - Classification of Microorganisms.</p> <p>a) Bacterial classification</p> <p>b) Different types of Microbes</p> <p style="padding-left: 40px;">Viruses, Fungi, Actinomyces</p> <p>Unit - IV - Structural organisation of Bacteria.</p> <p>Unit V - Microbial Nutrition</p> <p>Unit VI - Growth &amp; Reprod<sup>n</sup> of Bacteria.</p>		

[ 04 ]

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Yearly Plan of Teaching

\* Pre - Diwali Session \*

From :- 04/08/2020 to 26/12/2020

Subject :- Microbiology

Sr. No	Class / Subject / Paper	Units / Topics To be Taught	No. of Periods Available	Re-marks
		<p><b>B.Sc. II - (Sem - III)</b></p> <p>Unit - I - Gene Expression</p> <p>Unit - II - Gene Expression &amp; Gene Regulation.</p> <p>Unit - III - Genetic Recombination</p> <p>Unit - IV - Tools of Genetic Engineering</p> <p>Unit - V - Technique of Gen. Engg.</p> <p>Unit - VI - Application of Gen. Engg.</p> <p><b>B.Sc. III (Sem - IV)</b></p> <p><b>(Environmental Microbiology)</b></p> <p>Unit - I - Air Microbiology</p> <p>Unit - II - Soil Microbiology</p> <p>Unit - III - Water Microbiology</p> <p>Unit - IV - Water Treatment</p> <p>Unit - V - Waster Water Microbiology</p> <p>Unit - VI - Bioinstrumentation.</p>		

Signature of Teacher

[ 05 ]

Signature of HOD

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## Daily Execution of Teaching Plan (Micro Planning)

Name of Month August - 2020

Sr. No.	Class/ Paper	Date	Units and Topics To be Taught With Unit Tests	Remark
15	B.Sc.II	17/8	Th - Vectors	Zoom
16.	B.Sc.III	17.8.	Th - Indicators of Water pollution	LMS
17.	B.Sc.III	18.8	Th - MPN & MFT for Coliform	Zoom
18.	B.Sc.II	18.8	Th - Vectors	LMS
19	-u-	19.8.	do	LMS
20.	B.Sc.III	19.8	Th - MFT for coliform.	Zoom
21.	-u-	20.8	Th - MPN for fecal streptococci	Zoom
22.	B.Sc.II	20.8.	Th - Bacteriophages & cosmid vector	Zoom
23.	B.Sc.II	21.8	Th do	Zoom
24.	B.Sc.III	21.8	Th - MFT test for fecal streptococci	LMS
25.		22.8	<b>HOLIDAY - Ganesh chaturthi</b>	
26.	B.Sc.II	24.8	Th - Unit - IV - Revision	Zoom
27.	B.Sc.III	24.8	Th - MFT for fecal streptococci	LMS
28.	B.Sc.I	25.8	Th - Unit - V - Tech. of Gen. Eng.	LMS
29.	B.Sc.III	-u-	Th - Unit - IV - Revision	Zoom
30		26.08	- Holiday - Gauri Pujan	
31.		27.08	Students common - off	
32.	B.Sc.II	28.8	Th - Unit V - Isolation of Genomic DNA from bacteria	LMS

[ 10 ]

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Daily Execution of Teaching Plan (Micro Planning)

Name of Month August - 2020 & Sept. 2020

Sr. No.	Class/ Paper	Date	Units and Topics To be Taught With Unit Tests	Remark
33.	B.Sc.III	28.8	Unit - II - Water Treatment	LMS
34.	—	29.8	Th - Self purification of water	LMS
35.	B.Sc.II	29.8	Th - Agarose gel electrophoresis	LMS
36.	—	31.8	Th - ——— do ———	ZOOM
37.	B.Sc.III	31.8	Th - Slow Sand Filters	LMS
<b>SEPTEMBER - 2020</b>				
38.	B.Sc.III	1-09.	Th - Slow sand Filters	ZOOM
39.	B.Sc.II	1-09	Th - DNA Sequencing	LMS
40.	B.Sc.II	2.09	Th - Gene Mapping	LMS
41.	B.Sc.III	2.09	Th - Rapid Sand Filters	ZOOM
42.	B.Sc.III	3.09	Th - Methods of chlorination	ZOOM
43.	B.Sc.II	3.09	Th - PCR	ZOOM
44.	B.Sc.III	4.09	Th - Methods of chlorination	LMS
45.	B.Sc.II	4.09	Th - PCR	ZOOM
46.	B.Sc.II	5.09	Th - ——— do ———	LMS
47.	B.Sc.III	5.09	Th - Methods of chlorination	LMS
48.	B.Sc.III	7.09	Th - Waste Water Treatment	LMS
49.	B.Sc.II	7.09	Th - Colony hybrid <sup>n</sup> Technique	ZOOM

[ 81 ]

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

## Daily Execution of Teaching Plan (Micro Planning)

Name of Month Sept. 2020

Sr. No.	Class/ Paper	Date	Units and Topics To be Taught With Unit Tests	Remark
50	B.Sc.II	8.09	Th - Colony hybrid <sup>n</sup> technique	LMS
51.	B.Sc.III	8.09	Th - Primary treatment	ZOOM
52.	B.Sc.II	09.09	Th - Southern blotting	LMS
53.	B.Sc.III	09.09	Th - Layout of Sewage treatment plant	ZOOM
54.	B.Sc.II	10.09	Th - Id <sup>n</sup> of Transformed cells	ZOOM
55.	B.Sc.III	10.09	Th - Layout of Sewage treatment plant	ZOOM
56.	B.Sc.II	11.09	Th - Introd <sup>n</sup> of $\lambda$ -DNA in Host	ZOOM
57.	B.Sc.II	11.09	Th - Secondary treatment of Sewage	LMS
58	B.Sc.II	12.09	Th - Introd <sup>n</sup> of $\lambda$ -DNA in Host	LMS
59	B.Sc.III	12.09	Th - Secondary treatment of Sewage	LMS
60.	B.Sc.II	14.09	Th - Southern blotting (Repeat)	ZOOM
61.	B.Sc.III	14.09	Th - Sec. Treat - Activated Sludge	LMS
62.	B.Sc.II	15.09	Th - Genomic DNA Library	LMS
63.	B.Sc.II	15.09	Th - Anaerobic Treatment	ZOOM
64.	B.Sc.II	16.09	- B.Sc.III - Pract. Exam Prep <sup>n</sup> - online mode creation zoom meeting.	
			& Paper Setting M.Sc. Sem-I microbial technique.	

[ 11 ]

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Daily Execution of Teaching Plan (Micro Planning)

Name of Month Sept. 2020

Sr. No.	Class/ Paper	Date	Units and Topics To be Taught With Unit Tests	Remark
64.	B.Sc. III	17.09	online Practical Exam - by Zoom 11:30 to 12:15 PM & 12:30 to 1:15 PM -	
65.	B.Sc. III	16.9	Th - Trickling filters Paper Set Uploading on SGBAU Site	LMS
66.	B.Sc. III	19.9	Th - Oxidation ponds	LMS
67.		20.9	Late Pandharinath Patil Saheb Jayanti Programme	
68.		21.9	Th - Anaerobic Sludge digestion	LMS
69.		22.9	M.Sc. II (Sem-IV) Pract. Exam	Zoom
70.		23.9	M.Sc. Sem-IV - Project Viva	Zoom
71.		24.9	M.Sc. Sem-II - Pract. Exam (Back)	Zoom
72.		25.9	M.Sc. III (Sem-II) Paper setting - Microbial Technique on SGBAU Portal	
73.		26.9	_____	

[ 13 ]

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

## Daily Execution of Teaching Plan (Micro Planning)

Name of Month NOV & DEC - 2020

Sr. No.	Class/ Paper	Date	Units and Topics To be Taught With Unit Tests	Remark
13.	B.Sc.II	27.11	Th - Recombinant Hepatitis Vaccine	LMS
14.	B.Sc.I	27.11	Induction program on Google meet	
15.	B.Sc.II	28.11	Th - Recombinant Hepatitis Vaccine	LMS
16.	B.Sc.III	28.11	Th - Spectroscopy	LMS
17.	—	30.11	Holiday - Gauranatak Jayanti — — —	
18.			December - 2020	
1.		01/12	Election - शिक्षक मतदारसंघ	
2.	B.Sc.I	02/12	Th - Introduction to syllabus	LMS
3.	B.Sc.II	02/12	Th - Transgenic plants	LMS
4.	B.Sc.I	03/12	Th - Unit-1 - History of MCB	LMS
5.	B.Sc.III	03/12	Th - Agarose Gel electrophoresis	ZOOM
6.	B.Sc.III	04/12	Th ————— do —————	LMS
7.	B.Sc.I	04/12	Th - Discovery of Microbes/Microscope	ZOOM
8.	B.Sc.III	05/12	Th - Agarose Gel electrophoresis	LMS
9.	B.Sc.II	05/12	Th - Transgenic plants	LMS
10.	B.Sc.I	07/12	Th - Controversy over spontaneous gen.	LMS
11.	B.Sc.III	07/12	Th - Chromatography	LMS

[ 10 ]

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



### Daily Execution of Teaching Plan (Micro Planning)

Name of Month DEC - 2020

Sr. No.	Class/ Paper	Date	Units and Topics To be Taught With Unit Tests	Remark
12.	B.Sc.I	08.12	Th - Contraversy over sp. generation	LMS
13.	B.Sc.II	08.12	Th - Transgenic plants	LMS
14.	B.Sc.I	9.12	Th - Contra. over sp. generation	LMS
15.	B.Sc.II	09.12	Th - Gene therapy	LMS
16.	B.Sc.I	10.12	Th - Germ theory of Disease	LMS
17.	B.Sc.III	10.12	Th - Chromatography - TLC	ZOOM
18.	B.Sc.I	11.12	Th - Germ theory of Disease	ZOOM
19.	B.Sc.III	11.12	Th - Unit-6 Revision lecture	LMS
20.		12.12	Assignment based exam by SGBAU - prep <sup>n</sup> of Que. Papers & Attendance sheet.	
21.	B.Sc.I	14.12	Th - Pure culture Concept	LMS
22.		14.12	Meeting regarding SGBAU Exam	
23.	B.Sc.I	15.12	Th - Scope of Microbiology	LMS
24.		15.12	Prep <sup>n</sup> of Assignment & Que Papers	
25.	B.Sc.I	16.12	Pract exam Backlog	
26.	B.Sc.I	16.12	Th - Pure culture Concept	LMS
27.	B.Sc.II	16.12	Th - DNA probes in diagnosis	LMS

[ 60 ]

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

## Daily Execution of Teaching Plan (Micro Planning)

Name of Month DEC - 2020

Sr. No.	Class/ Paper	Date	Units and Topics To be Taught With Unit Tests	Remark
28	B.Sc.I	17.12	Scope of Microbiology	LMS
29.		17.12	M.Sc. Pract. Sem-I back	
30.	B.Sc.I	18.12	Th - Outline of Microorganisms	LMS
31		—	M. Sc. Pract. Exam Sem - I	
32.		19.12	M.Sc. Sem - I Pract. III	
33		20.12	M.Sc. Sem - II pract - IV	
34		21.12	To Buldhano for collection of Roll List & Control sheets of Backlog.	
35		22.12	Prep <sup>n</sup> of Assignments of M.Sc. Sem - I, & II. B.Sc. Sem I, II, III & IV	
36.		23.12	Exam Related work	
37.		24.12	B.Sc. - I (S-I) Assignment based Exam	
38		25.12	Sub. of B.Sc. Sem-I - Assignment	
39		25.12	B.Sc. Sem-II - Assignment based exam	
40		26.12	Sub. of B.Sc. Sem-II - Assignment	
41.		26.12	B.Sc. Sem - III - Assignment based Exam	
42.		27.12	Sub of Assignment B.Sc. II (S-III)	
43.		27.12	B.Sc. Sem - IV - Assignment Allotment	

[ 00 ]

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



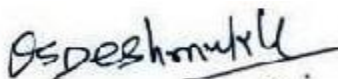
## Daily Execution of Teaching Plan (Micro Planning)

Name of Month February - 2021

Sr. No.	Class/ Paper	Date	Units and Topics To be Taught With Unit Tests	Remark
32.	B.Sc.I	16.02	Th - Simple & Negative staining	offline
33		16.02	University - Paper setting B.Sc.I - Sem-I - Biochemistry - SET-A	
34		17.02	B.Sc.I (S-I) Biochem - SET-B	
35.	B.Sc.I	17.02	Th - Differential staining methods Gm stain, Acidfast stain & Flagella staining	LMS
37.	B.Sc.I	18.02	Th - Unit - II Revised	LMS
38.	B.Sc.III	18.02	Th - Air microbiology	LMS
39	—	19.02	Holiday - Shivarjanti	
40	B.Sc.I	20.02	Th - Bacterial classification U-III	LMS
41	B.Sc.III	20.02	Th - Solid impigement Devices	LMS
42.	B.Sc.I	22.02	Th - Gen. Properties of Viruses & Algae	LMS
43.	B.Sc.III	22.02	Th - Liquid Impigement Devices	LMS
44	B.Sc.I	23.02	Th - Gen. Prop. of Mycoplasma & fungi	LMS
45	B.Sc.III	23.02	Th - Revision of Unit - I	Zoom
46	B.Sc.I	24.02	Th - Unit - IV	LMS
47	B.Sc.III	25.02	Th - Models of DNA replication	Zoom
48	B.Sc.I	25.02	Th - LMS not working -	

[ 24 ]



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chiknli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

\* Personal - Information \*

Name of the Teacher :- Dr. Jukkalkar Syed Imtiaz  
 Educational Qualification :- M.A. English, Ph.D Designation Asstt. Professor  
 Subject with Specialization :- English (Postcolonial)  
 Department English  
 Postal Address :- Department of English, Shree Shivaji College, Chikhli  
 Mobile No. 9860873841 e-mail imtiazjukkalkar76@gmail.com  
 Date of Joining 26/07/1999  
 Teaching Experience Jr. — Yrs. UG. 20 Yrs. PG. — Yrs. Total:

Class	Number of Students Admitted	Workload / Week		
		Theory	Practicals / Tutorials	Total
XI <sup>th</sup> UG - I PG - I	B. Com. I (Sem I & II)	04	03	07
	B. Sci (Bio) (Sem I & II)	—	05	05
	B. Sci (Maths) (Sem I & II)	—	02	02
XII <sup>th</sup> UG - II PG - II	B. Com II (Sem III & IV)	03	—	03
UG - III Extra Workload, if any	B. Com. III (Sem V & VI)	03	—	03
Total		10	10	20

02

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Semester / Term wise Plan of Teaching

Semester I / III / V / First Term

From :- \_\_\_\_\_ to \_\_\_\_\_

Subject :- Compulsory English

Sr. No	Class / Subject / Semester	Units / Topics To Teach	No. of Periods Available	Date/ Week/ Months
1.	B.Com. Sem I	<p><u>Text Prescribed 'Rays of Letters'</u></p> <p><u>Unit I (Prose)</u>: 1) The Eyes are not Here 2) The Romance of a Busy Brokeress</p> <p><u>Unit II</u>: 3) Boxes 4) The Lost child</p> <p><u>Unit III</u>: (Poetry) 1. The World is ---- 2. Once Upon a Time 3. St</p> <p><u>Unit IV</u>: Grammar: A - Change the Narration B. Articles c. Synonyms &amp; Antonyms D. Tense Forms</p> <p><u>Unit V</u>: <u>Business Correspondence</u> <u>And Writing Skill</u> :- A) letter writing (formal) (Applications for Job / Complaint / Order B) Informal (Personal letters C) Resume Writing</p>		
2.	B.Com. Sem III Unit I	<p><u>Text Prescribed : 'Impressions'</u></p> <p><u>Prose</u>: 1. Travel By Train 2. Two Gentlemen of Verona 3. Go, Kiss The World 4. The Struggle for Education</p> <p><u>Unit II</u>: Poetry: 1) Where the Mind --- 2) Stopping By Woods</p>		

*A Teacher takes a Hand, opens a Mind, touches a Heart, shapes the Future.- Anonymous*

03

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

## Semester / Term wise Plan of Teaching

Semester II / IV / VI / Second Term

From :- \_\_\_\_\_ to \_\_\_\_\_

Subject :- \_\_\_\_\_

Sr. No	Class / Subject / Semester	Units / Topics To Teach	No. of Periods Available	Date/ Week/ Months
1.	B. Com. Sem. II	<p>Text Prescribed: Rays of Letters</p> <p><u>Unit I</u>: 5. Each is Great in His Own Place 6. The Postmaster 7.</p> <p><u>Unit II</u>: 7. How I Became a Public Speaker 8. Prospects of Democracy in India</p> <p><u>Unit III</u>: (Poetry): 4. Success is Counted.... 5. Laugh and Be Merry 6. The Impossible Dream</p> <p><u>Unit IV</u>: Grammar A- Change the Voice B- Idioms &amp; Phrases C- One Word Substitute D- Prepositions</p> <p><u>Unit V</u>: Business Correspondence and Writing Skill: A) E-mail B) Newspaper Reports</p>		
2.	B. Com. Sem. II	<p>Text - Prescribed - Impressions</p> <p><u>Unit I / Prose</u>: 1) The Town Week 2) Florence Nightingale 3) The Life of Magi 4) Three Hermits</p> <p><u>Unit II / Poetry</u>: 5) On His Blindness 6) Solitude 7) Still I Rise 8) Money Madness</p> <p><u>Unit III</u>: Communication Skills 1. Interview and Interviewing Skills 2. Meeting Skills 3. Non-verbal Communication</p>		

"He who opens a school door, closes a prison" - Victor Hugo

05

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Semester / Term wise Plan of Teaching

Semester II / IV / VI / Second Term

Pre - requisites for the course if any \_\_\_\_\_

Co - requisites for the course if any \_\_\_\_\_

Sr. No	Class / Subject / Semester	Units / Topics To Teach	No. of Periods Available	Date/ Week/ Months
3.	B.com Sem VI	<p><u>Unit I</u>: 5) Sundar Pichai 6) Mallika Srinivasan  7) Muhammad Yunus  8) Introduction to the Right to Information Act, 2005</p> <p><u>Unit II (Poetry)</u>: 9) All the world's a stage  10) How Do I Love Thee 11) The Duck and the Kangaroo 12) To Autumn</p> <p><u>Unit III</u>: Employability Skills, Adver. Insp.</p>		
4.	B.com Sem I	(T <sub>1</sub> T <sub>2</sub> T <sub>3</sub> ): Tense Sequence		
5.	<del>B.com</del> B.Sc (Bio)	T <sub>4</sub> T <sub>5</sub> T <sub>6</sub> T <sub>7</sub> T <sub>8</sub> Tense Sequence		
6.	B.Sc (Maths)	T <sub>1</sub> T <sub>2</sub> - Tense Sequence		

"The roots of education are bitter, but the fruit is sweet" - Aristotle

06

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

### Daily Execution of Teaching Plan (Micro Planning)

Name of the Month 2020

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
26.	04/08/20 TUE	B. Com. Sem III	The struggle for Education (200m)		
27.	05/08/20 WED	B. Com. Sem III	The struggle for Education (200m)	03	Complete
28.	06/08/20 THU	B. Com. Sem V	4) Black Money and Black Economy (200m)		
29.	07/08/20 FRI	B. Com. Sem V	Black Money and Black Economy (LMS)		
30.	08/08/20 SAT.	B. Com. Sem V	Black Money and Black Economy (200m)	03	Complete
31.	10/08/20 MON	B. Com. Sem III	<del>Where the mind</del> (200m)		
32.	11/08/20 TUE	B. Com. Sem III	Holiday		
32	12/08/20 Wed.	B. Com. Sem III	Where the mind (200m)	02	Complete
33.	13/08/20 Thu.	B. Com. Sem V	Poetry 1) A Red Red Rose (200m)		
34.	14/08/20 Fri	B. Com. Sem V	A Red Red Rose (LMS)	02	Complete
34.	15/08/20 SAT.	—	Holiday		

Teachers has three loves; love of teaching, love of learners and love of bringing the first two loves together - Scott Hayden

09

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



### Daily Execution of Teaching Plan (Micro Planning)

Name of the Month August 2020

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
26.	04/08/20 TUE	B. Com. Sem III	The struggle for Education (200m)		
27.	05/08/20 WED	B. Com. Sem III	The struggle for Education (200m)	03	Complete
28.	06/08/20 THU	B. Com. Sem II	4) Black money and Black Economy (200m)		
29.	07/08/20 FRI	B. Com. Sem II	Black money and Black Economy (LMS)		
30.	08/08/20 SAT.	B. Com. Sem II	Black money and Black Economy (200m)	03	Complete
31.	10/08/20 MON	B. Com. Sem III	<del>Where the mind</del> (200m)		
32.	11/08/20 TUE	B. Com. Sem III	Holiday		
32.	12/08/20 Wed.	B. Com. Sem III	Where the mind (200m)	02	Complete
33.	13/08/20 Thu.	B. Com. Sem II	Poetry 1) A Red Red Rose (200m)		
34.	14/08/20 Fri	B. Com. Sem II	A Red Red Rose (LMS)	02	Complete
34.	15/08/20 SAT.	—	Holiday		

Teachers has three loves; love of teaching, love of learners and love of bringing the first two loves together - Scott Hayden

09

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

# (Micro Planning)

Name of the Month Aug 2020

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	R
35.	17/08/20 MON	B.Com. Sem III	Stopping by woods (200m)		
36	18/08/20 TUE	B. Com. Sem III	Stopping by woods (200m)		
37.	19/08/20 WED	B. Com. Sem III	Stopping by woods (200m)	03	Co
38	20/08/20 THU	B. Com. Sem V	It is Needless --- (200m)		
39	21/08/20 FRI	B. Com. Sem V	It is Needless --- (1MS)		
40.	22/08/20 SAT.	B. Com. Sem V	It is Needless (200m)	03	Com
41.	24/08/20 MON	B. Com. Sem III	Leisure (200m)		
42.	25/08/20 TUE	B. Com. Sem III	Leisure (200m)		
43.	26/08/20 WED	B. Com. Sem III	Leisure (200m)	03	Com
44.	27/08/20 THU	B. Com. Sem. IV	Love's philosophy (200m)		
45.	28/08/20 FRI	B. Com. Sem V	Love's philosophy (1MS)		

*I can not teach anybody anything, I can only make them think - Socrates*

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Sept- 2020.

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
46.	29/08/20 SAT.	B.com. Sem II	Love's philosophy	03	Complete
47.	31/08/20 MON	B.com. Sem III	The Daffodils (200m)		
48.	01/09/20 TUE	B.com. Sem III	The Daffodils (200m)		
49.	02/09/20 WED	B.com. Sem III	The Daffodils (200m)	03	Complete
50.	03/09/20 THU	B.com. Sem II	The Garden (200m)		
51.	04/09/20 FRI	B.com. Sem II	The Garden (LMS)		
52.	05/09/20 SAT.	B.com. Sem II	The Garden (200m)	03	Complete
53	07/09/20 MON	B.com. Sem III	An Introduction to Communication (200m)		
	08/09/20 TUE	B.com. Sem III	An Introduction to Communication (200m)		
	09/09/20 WED	B.com. Sem III	An Introduction to Communication (200m)	03	Complete
	10/09/20 THU	B.com. Sem II	Discussion on Internal Assessment (200m)		
	11/09/20 FRI	B.com. Sem II	Discussion on Internal Assessment (LMS)		

Good Teachers know how to bring about the best in students- Charles Kuralt

11

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

### Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Sept. 2020

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
	12/08/20 SAT.	B.com. Sem V	Discussion on Internal Assessment (200m)		
	14/08/20 MON	B.com. Sem III	Notices - (200m)		
	15/08/20 TUE	B.com. Sem III	Notices - (200m)		
	16/08/20 WED	B.com. Sem III	Notices - (200m)	03	Complete
	17/08/20 THU	B.com. Sem V	Revised! 1) Black Money & Black Economy (200m)		
	18/08/20 FRI	B.com. Sem V	Black Money - (LMS)		
	19/08/20 SAT.	B.com. Sem V	Black money (200m)	03	complete
	21/09/20 MON	B.com. Sem III	Agendas - (200m)		
	22/09/20 TUE	B.com. Sem III	Agendas - (200m)		
	23/09/20 WED	B.com. Sem III	Agendas - (200m)	03	Complete
	24/09/20 THU	B.com. Sem V	Ratan Tata (200m)		
	25/09/20 FRI	B.com. Sem V	Ratan Tata (LMS)		
	26/09/20 SAT	B.com. Sem V	Ratan Tata (200m)	03	Complete
	28/09/20 MON	B.com. Sem III	Minutes (200m)		
	29/09/20 TUE	B.com. Sem III	Minutes (200m)		
	30/09/20 WED	B.com. Sem III	Minutes (200m)	03	complete
	01/10/20 THU	B.com. Sem V	Steve Jobs (200m)		
	02/10/20 FRI	-	Holiday (200m)		
	03/10/20 SAT.	B.com. Sem V	Steve Jobs (200m)	02	Complete

Teachers who love teaching, teach children to love learning - Anonymous

12

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



### Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Oct-2020

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
	05/10/20 MON	B.com. Sem III	Presentations (200m)		
	06/10/20 TUE	B.com. Sem III	Presentations (200m)		
	07/10/20 WED	B.com. Sem. III	Presentations (200m)	03	Complete
	08/10/20 THU	B.com. Sem III	. Vijay Bhattachar (200m)		
	09/10/20 FRI	B.com. Sem IV	. Vijay Bhattachar (LMS)		
	10/10/20 SAT	B.com. Sem IV	. Vijay Bhattachar (200m)	03	Complete
	12/10/20 MON	B.com. Sem III	Prose: Travel By Train (200m)		
	13/10/20 TUE	B.com. Sem III	Travel By Train (200m)		
	14/10/20 WED	B.com. Sem. III	Travel By Train (200m)	03	Complete
	15/10/20 THU	B.com. Sem IV	A Red Red Rose (200m)		
	16/10/20 FRI	B.com. Sem IV	A Red Red Rose (LMS)		
	17/10/20 SAT	B.com. Sem IV	A Red Red Rose (200m)	03	Complete
	19/10/20 MON	B.com. Sem III	Two Gentlemen of Verona (200m)		
	20/10/20 TUE	B.com. Sem III	Two Gentlemen of Verona (200m)		
	21/10/20 WED	B.com. Sem III	Two Gentlemen of Verona (200m)	03	Complete
	22/10/20 THU	B.com. Sem. IV	It is Needles... (200m)		
	23/10/20 FRI	B.com. Sem IV	It is Needles... (LMS)		
	24/10/20 SAT	B.com. Sem IV	It is needles... (200m)	03	Complete

Teachers can change lives with just the right mix of chalks and challenges - Joyce Meyer

13

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**





## **Teaching Diary 2018-19**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE CHIKHLI**  
Dist.-Buldana ☎ 07264 - 242088

NAAC Accredited with B Grade  
with CGPA 2.82



॥ ज्ञानम् परम् ध्येयम् ॥

**TEACHER'S DIARY**

2018 - 2019

Name of the Teacher: JUKKALKAR SYED IMTIAZ

Designation : Asstt. Professor

Subject with specialization : English

Department : English

Email - shivajichk@rediff.com  
Website - www.ssscchk.com(College)  
www.sscchklib.com(Library)

**We educate, inspire and empower .....**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



Personal Time Table 2018-19  
Name of the Teacher : Jukkalkar Syed Imtiaz

Sem - I, III, & Annual Pattern  
II IV

Period	Day/Time	8.10-8.50	8.50-9.30	9.40-10.20	11.50-12.40	12.40-1.30	3.20-4.10	4.10-5.00	11	12
Mon	B.Sc. I M	T1			B. Com. I	B. Com. II		B. Com. I		
Tue	B.Sc. I M	T2	B.Sc. I M	B.Sc. I M	B. Com. I	B. Com. II	B. Com. I			
Wed	B.Sc. I M	T5			B. Com. I	B. Com. II	B. Com. I			
Thu					B. Com. I	B. Com. III				
Fri					B. Com. III		B. Com. I	B.Sc. I B		
Sat				B.Sc. I B	B. Com. III		B.Sc. I B	B. Com. I		

Personal Time Table (Sem - II / IV / VI)

Periods	01	02	03	04	05	06	07	08	09	10	11	12
Day/Time												
Mon												
Tue												
Wed												
Thur												
Fri												
Sat												

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

\* Personal - Information \*

Name of the Teacher :- Jukkalkar Syed Intiaz

Educational Qualification :- M.A. English, Ph.D. Designation Asstt. Professor

Subject with Specialization :- English (Postcolonial Literature)

Department English

Postal Address :- Mali Pura, Chikhli

Mobile No. 9860873841 e-mail intiazjukkalkar@gmail.com

Date of Joining 26 / 07 / 1999

Teaching Experience Jr. — Yrs. UG. 19 Yrs. PG. — Yrs. Total: 19

Class	Number of Students Admitted	Workload / Week		
		Theory	Practicals / Tutorials	Total
XI <sup>th</sup> UG - I PG - I	B. Com. I — 97 Students	04	05	09
	B. Sc. E (M) — 123 Students	—	05	05
	B. Sc. E (B) — 152 Students	—	03	03
XII <sup>th</sup> UG - II PG - II	B. Com. II — 56 Students	03	—	03
UG - III	B. Com. III — 74 Students	03	—	03
Extra Workload, if any				
Total		10	13	23

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Semester / Term wise Plan of Teaching

Semester I / III / V / First Term

From :- 14 June, 2018 to 03 Nov., 2018

Subject :- Compulsory English

Sr. No	Class / Subject / Semester	Units / Topics To Teach	No. of Periods Available	Date/ Week/ Months
1.	B. Com Sem I	<p>Text Prescribed: Rays of Letters</p> <p><u>Unit I</u> (Prose): 1. The Eyes are not Here 2. The Romance of a Busy Broker</p> <p><u>Unit II</u>: 3. Bores 4. The Lost Child</p> <p><u>Unit III</u>: (Poetry): 1. The World is ---- 2. Once Upon a Time 3. It</p> <p><u>Unit IV</u>: <u>Grammar</u>: A- Change the Narration. B. Articles C- Synonyms &amp; Antonyms D. Tense Forms</p> <p><u>Unit V</u>: <u>Business Correspondance And Writing Skill</u>: A- Letter Writing</p> <p>H) Formal (Applications for Job/ Complaint/ Order B) Informal/ Personal Letters C) Resume Writing:</p>	66	
2.	B. Com Sem. III	<p>Text Prescribed: "Impressions"</p> <p>Prose: 1. Travel By Train 2. Two Gentlemen of Verona 3. Go, Kiss The World. 4. The Struggle for Education ...</p> <p><u>Unit II</u>: Poetry: 1) Where the Mind ... 2) Stopping By Woods 3) Leisure 4) The Daffodils</p>	50	

*A Teacher takes a Hand, opens a Mind, touches a Heart, shapes the Future.- Anonymous*

03

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## Semester I / III / V / First Term

Co - requisites for the course if any \_\_\_\_\_

*To the world you may be just a teacher but to your students you are a HERO ! - Anonymous*

126



## Semester / Term wise Plan of Teaching

Semester II / IV / VI / Second Term

From :- 26 Nov. 2018 to 27 April. 2018

Subject :- Compulsory English

Sr. No	Class / Subject / Semester	Units / Topics To Teach	No. of Periods Available	Date/ Week/ Months
1.	B.Com. Sem II	<p>Text Prescribed: "<u>Rays of Letters</u>"</p> <p>Unit I</p> <p>Prose: 1. Each is Great in His Own Place</p> <p>2. The Postmaster</p> <p>Unit II Prose: 3. How I Became a Public Speaker 4. Prospects of Democracy in India</p> <p>Unit III: Poetry: 1. Success is Counted</p> <p>2. Laugh and Be Merry</p> <p>3. The Impossible Dream</p> <p>Unit IV: Grammar:</p> <p>A - Change the Voice B - Idioms &amp; Phrases</p> <p>C - One Word Substitute D Repositions</p> <p>Unit V: <u>Business Correspondence and Writing Skill</u>: A) E-mail</p> <p>B) Newspaper Reports</p>	44 56	
2.	B.Com. Sem IV	<p>Text Prescribed: "<u>Impressions</u>"</p> <p>Unit I: Prose: 1) The Town Weir</p> <p>2) Florence Nightingale 3) The cult of magic</p> <p>4) Three Hermits</p> <p>Unit II: Poetry: 1) On His Blindness</p> <p>2) Solitude 3) Still I Rise 4) Money Madness</p> <p>Unit III: <u>Communication Skills</u></p> <p>1. Interview and Interviewing Skills</p>	40	

"He who opens a school door, closes a prison" - Victor Hugo

05

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



**Semester II / IV / VI / Second Term**

Co - requisites for the course if any

Sr. No	Class / Subject / Semester	Units / Topics To Teach	No. of Periods Available	Date / Week / Months
		2) meeting skills 3) Non-verbal Communication		
3.	B.Com. Final	<u>Poetry</u> : 1) Stay Calm 2) Thou art indeed 3) Yussuf 4) Psalm of Life 5) Say not ---- 6) The Village Schoolmaster 7) From Hamlet 8) Ode to Autumn Essay <del>About</del> (300 words)	44	
4.	B.Com Sem II	T <sub>1</sub> to T <sub>5</sub> : Basic Grammar	18	
5.	B.Sc(I) Sem II	T <sub>1</sub> to T <sub>5</sub> : Basic Grammar	18	
6.	B.Sc(II) Sem II	T <sub>4</sub> T <sub>5</sub> T <sub>6</sub> : Vocabulary Development	18	

*"The roots of education are bitter, but the fruit is sweet" - Aristotle*

06

128



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month July, 2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
1.	02/07 MON.	B.Sc.E(M)T <sub>1</sub> B.Com.I B.Com.II B.Com.IV	Vocabulary Development Syllabus Syllabus Vocabulary Development		
2.	03/07 TUE.	B.Sc.E(M)T <sub>2</sub> — " — T <sub>3</sub> — " — T <sub>4</sub> B.Com.I B.Com.II B.Com.IV	Vocabulary Development " " " " " " " " Question Paper Pattern Question Paper Pattern Vocabulary Development		
3.	04/07 WED.	B.Sc.E(M)T <sub>5</sub> B.Com.I B.Com.II B.Com.IV	Vocabulary Development The Eyes are not Here Pase Travel By Train Vocabulary Development		
4.	05/07 THU.	B.Com.I B.Com.II	The Eyes are not Here "		
5.	06/07 FRI	B.Com.III B.Com.IV B.Sc.E(B)T <sub>4</sub>	Question Paper Pattern Vocabulary Development " " " "	01	
6.	07/07 SAT.	B.Sc.I(B)T <sub>5</sub> B.Com.III B.Sc.I(B)T <sub>6</sub> B.Com.IV	Vocabulary Development Globalization Vocabulary Development " " " "		
7.	08/07 MON.	B.Sc.E(M)T <sub>1</sub> B.Com.I B.Com.II B.Com.IV	Vocabulary Development The Eyes are not Here Travel By Train Vocabulary Development		

*It is the supreme art of the teacher to awaken joy in creative expression and knowledge-Albert Einstein*

07

1 documented process including Academic calendar and conduct of continuous internal Assessment



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month July, 2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
8.	10/07 Tue.	B.Sc.E(M)T <sub>2</sub> B.Com-I B.Com-II B.Com-IT <sub>3</sub>	Vocabulary Development The Eyes are not Here Travel by Train Vocabulary Development	04 04	Complete Complete
9.	11/07 Wed.	B.Sc.E(M)T <sub>5</sub> B.Com-I B.Com-II B.Com-IT <sub>3</sub>	Suffix & Prefix The Romance of a Busy Broker Two Gentlemen Suffix & Prefix		
10.	12/07 Thu.	B.Com-I B.Com-III	The Romance of a Busy Broker Globalization		
11.	13/07 Fri.	B.Com-III B.Com-IT <sub>4</sub> B.Sc.E(B)T <sub>4</sub>	Globalization Suffix & Prefix "	03	Complete
12.	14/07 Sat.	B.Sc.E(B)T <sub>5</sub> B.Com-III B.Sc.E(B)T <sub>6</sub> B.Com-I	Suffix & Prefix The First Case Suffix & Prefix "		
13.	16/07 Mon.	B.Sc.E(M)T <sub>1</sub> B.Com-I B.Com-II B.Com-IT <sub>5</sub>	Suffix & Prefix The Romance of a Busy... Two Gentlemen Suffix & Prefix		
14.	17/07 Tue.	B.Sc.E(M)T <sub>2</sub> T <sub>3</sub> T <sub>4</sub> B.Com-I B.Com-II B.Com-IT <sub>3</sub>	Suffix & Prefix " " The Romance of a Busy... Two Gentlemen Suffix & Prefix	04 04	Complete Complete

The greatest sign of success for a teacher is to be able to say,  
"The children are now working as if I did not exist" - Maria Montessori

08

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month July, 2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
22.	26/07 Thu.	B. Com. I B. Com. III	The Lost child The Fly		
23.	27/07 Fri.	B. Com. III B. Com. IT B. Sc I (B)	The Fly Paronyms & Homonyms T <sub>4</sub> _____		
24.	28/07 Sat.	B. Sc I (B) B. Com. III B. Sc I (B) B. Com. I	T <sub>5</sub> Paronyms & Homonyms The Fly T <sub>6</sub> Paronyms & Homonyms T <sub>5</sub> _____		
25.	30/07 Mon.	B. Sc I (M) B. Com. I B. Com. II B. Com. I	T <sub>1</sub> Paronyms & Homonyms The Lost child The struggle for Education T <sub>1</sub> Paronyms & Homonyms		
26.	31/07 Thurs.	B. Sc I (M) B. Com. I B. Com. II B. Com. I	T <sub>2</sub> _____ T <sub>3</sub> _____ T <sub>4</sub> _____ The Lost child The struggle for Education T <sub>2</sub> Paronyms & Homonyms	04 04	Complete Complete
27.	01/08 Wed.		- C. L. -		
28.	02/08 Thu.	B. Com. I B. Com. III	Poetry: The World Is --- The Fly	04	Complete
29.	03/08 Fri.	B. Com. III B. Com. IT B. Sc I (B)	Of Travel Paronyms & Homonyms Paronyms & Homonyms		

*I can not teach anybody anything, I can only make them think - Socrates*

10

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Aug 2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
30.	04/08 Sat.	B.Sc.I(B) B.Com.III B.Sc.I(B) B.Com.I	5- Paronyms & Homonyms Of Travel 6 Paronyms & Homonyms 5- _____		
31.	06/08 Mon.	B.Sc.I(M) B.Com.I B.Com.II B.Com.I	1 One Word Substitution : Unit test I Where the mind --- 1 One Word Substitution		
32.	07/08 Tue.	B.Sc.I(M) ---" ---" B.Com.I B.Com.II B.Com.I	2 _____ 3 _____ 4 _____ The World is --- Where the mind --- 2 One Word Substitution		
33.	08/08 Wed.	B.Sc.I(M) B.Com.I B.Com.II B.Com.I	5- _____ The World is --- Where the mind --- 3 One Word Substitution		
34.	09/08 Tue.	-	Maharashtra Band - No Teaching work done		
35.	10/08 Fri.	B.Com.III B.Com.I B.Sc.I(B)	Of Travel 4 One Word Substitution 4- _____		
36.	11/08 Sat		No Teaching Work - Demise of Hon. Vasantiji Dhotre, Ex-President		
37.	13/08 Mon.	B.Sc.I(M) B.Com.I B.Com.II B.Com.I	1 One Word Substitution The World is --- Where the mind 1 One Word Substitution	04 04	Completed Complete

Good Teachers know how to bring about the best in students- Charles Kuralt

11

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Aug. 2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
38.	14/08 Tue.	B.Sc.(m) T <sub>2</sub> " " " " B.Com. I B.Com. II B.Com. IT <sub>2</sub>	One Word Substitution " " " " Once Upon a Time Stopping By Woods One Word Substitution		
39.	15/08 Wed.		Independence Day -		
40.	16/08 Thu.	B.Com. I B.Com. III	D.L -		
41.	17/08 Fri.	-	Holiday - Pateli		
42.	18/08 Sat.	B.Sc.(B) T <sub>5</sub> B.Com. III B.Sc.(B) T <sub>6</sub> B.Com. IT <sub>5</sub>	One Word Substitution Of Travel One Word Substitution " " "	04	Complete
43.	20/08 Mon.		C.L -		
44.	21/08 Tue.	B.Sc.(m) T <sub>2</sub> " T <sub>3</sub> " T <sub>4</sub> B.Com. I B.Com. II B.Com. IT <sub>2</sub>	One Word Substitution " " " " Once Upon A Time Stopping By Woods One Word Substitution		
45.	22/08 Wed.	-	Holiday - Bakrid Eid		
46.	23/08 Thu.	B.Com. I B.Com. III	Once Upon A Time Popular superstitions		

Teachers who love teaching, teach children to love learning - Anonymous

12

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Aug, 2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
47.	24/08 Fri.	B.Com. III B.Com. I T <sub>4</sub> B.Sc. I (B) T <sub>4</sub>	Popular Superstitions One Word Substitution _____		
48.	25/08 Sat.	B.Sc. I (B) T <sub>5</sub> B.Com. III B.Sc. I (B) T <sub>6</sub> B.Com. I T <sub>5</sub>	One Word Substitution Popular Superstitions One Word Substitution _____	03	complete
49.	27/08 Mon.	B.Sc. I (m) T <sub>1</sub> B.Com. I B.Com. II B.Com. I T <sub>1</sub>	Selected Words with meanings Once Upon A Time Unit Test I Selected Words with meanings	04	complete
50.	28/08 Tue.	B.Sc. I (m) T <sub>2</sub> _____ T <sub>3</sub> _____ T <sub>4</sub> B.Com. I B.Com. II B.Com. I T <sub>2</sub>	Selected Words with meanings _____ _____ Jf Stopping By Woods Selected Words with meanings		
51.	29/08 Wed.	B.Sc. I (m) T <sub>5</sub> B.Com. I B.Com. II B.Com. I T <sub>3</sub>	_____ Jf Stopping By Woods Selected Words with meanings	04	complete
52.	30/08 Thu.	B.Com. I B.Com. III	Jf What I Require from Life		
53.	31/08 Fri.	B.Com. II B.Com. I T <sub>4</sub> B.Sc. I (B) T <sub>4</sub>	What I Require from Life Selected Words with meanings _____		

Teachers can change lives with just the right mix of chalks and challenges - Joyce Meyer

13

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



### Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Sept. 2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
54.	01/09 Sat.	B.Sc.(B) T5 B.Com. III B.Sc.(B) T6 B.Com. I T5	Selected Words - - - What I require from Selected words - - - Selected Words - - -	03	complete
55.	03/09 Mon.	B.Sc.(M) T1 B.Com. I B.Com. II B.Com. IT1	Synonyms and Antonyms St Leisure Synonyms & Antonyms	04	complete
56.	04/09 Tue.	B.Sc.(M) T2 " T3 " T4 B.Com. I B.Com. II B.Com. IT2	Synonyms & Antonyms " " " " Change the Narration Leisure Synonyms & Antonyms		
57.	05/09 Wed.	B.Sc.(M) T5 B.Com. I B.Com. II B.Com. IT3	Synonyms & Antonyms Change the Narration Leisure Synonyms & Antonyms		
58.	06/09 Thu.	B.Com. I B.Com. III	Change the Narration The function of Education		
59.	07/09 Fri.	B.Com. III B.Com. IT4 B.Sc.(B) T4	The function of Education Synonyms & Antonyms Synonyms & Antonyms		

*A good teacher can inspire hope, ignite the imagination and instill a love of learning - Brad Henry*

14

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Sept- 2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
60.	08/09 Sat.	B.Sc.(M) 5 B.Com. III The Function of Education B.Sc.(B) 6 B.Com. I 5	Synonyms & Antonyms The Function of Education Synonyms & Antonyms _____		
61.	10/09 Mon.	B.Sc.(M) 1 B.Com. I : Unit Test II B.Com. II Leisure B.Com. I 1	Synonyms & Antonyms Unit Test II Leisure Synonyms & Antonyms	04	Completed
62.	11/09 Tue.		- C. L. -		
63.	12/09 Wed.	B.Sc.(M) 5 B.Com. I B.Com. II B.Com. I 3	Synonyms & Antonyms Change the Narration The Daffodils Synonyms & Antonyms	04	Completed
64.	13/09 Thu.	B.Com. I B.Com. III	- Holiday (Ganesh Chaturthi)		
65.	14/09 Fri.	B.Com. III B.Com. I 4 B.Sc.(B) 4	The Function of Education Synonyms & Antonyms Synonyms & Antonyms	04	Completed
66.	15/09 Sat.	B.Sc.(B) 5 B.Com. III B.Sc.(B) 6 B.Com. I 5	Synonyms & Antonyms The Doctor's Word Synonyms & Antonyms _____		

*Education is the key to unlock the golden door of freedom :- George Washington Carver*

15

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Sept. 2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
67.	17/09 Mon.	B.Sc.(M) B. Com. I B. Com. II B. Com. I	1 Foreign Words & Expressions Articles The Daffodils 1 Foreign Words & Expressions		
68.	18/09 Tue.		— C.L. —		
69.	19/09 Wed.	B.Sc.(M) B. Com. I B. Com. II B. Com. I	1 Foreign Words & Expressions Articles The Daffodils 3 Foreign Words & Expressions		
70.	20/09 Thu.	B. Com. I B. Com. II	Holiday - Moharam		
71.	21/09 Fri.	B. Com. III B. Com. I B.Sc.(B)	The Doctor's Word 4 Foreign Words & Expressions 4 —————		
72.	22/09 Sat.	B.Sc.(B) B. Com. III B.Sc.(B) B. Com. I	5 Foreign Words & Expressions The Doctor's Word 6 Foreign Words — 5 —————		
73.	24/09 Mon.	B.Sc.(M) B. Com. I B. Com. II B. Com. I	1 Foreign Words Articles The Daffodils 1 Foreign Words		
74.	25/09 Tue.		— strike —		

*Education is an ornament in prosperity and refuge in adversity - Aristotle*

16

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



### Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Sept. 2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
75.	26/09 Wed.	B.Sc.(M) I B. Com. I B. Com. II B. Com. IT	Foreign Words The Doctor's Word The Daffodils Foreign Words	04	complete
76.	27/09 Thu.	B. Com. I B. Com. III	Articles The Doctor's Word	04	complete
77.	28/09 Fri.	B. Com. III B. Com. IT B. Sc.(B) T	The Doctor's Word Foreign Words a		
78.	29/09 Sat.	B. Sc.(B) I B. Com. III B. Sc.(B) T B. Com. I T	Foreign Words The Doctor's Word Foreign Words a	04	complete
79.	01/10 Mon.	B. Sc.(M) I B. Com. I B. Com. II B. Com. IT	Foreign Words Unit Test III Stopping By Woods Foreign Words		
80	02/10 Tue.		Holiday - Mahatma Gandhi Jayanti		
* 81	03/10 to 04/10		E-Content development Workshop.		
82.	05/10 Fri.	B. Com. III B. Com. IT B. Sc.(B) T	Revised - Globalization Foreign Words Foreign Words		

Education's purpose is to replace an empty mind with an open one - Malcom Forbes

17

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Sept-2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
81.	06/10 Sat.	B.Sc(III) T <sub>5</sub> B.Com-III B.Sc(III) T <sub>6</sub> B.Com-I T <sub>5</sub>	Foreign Words Revised - Globalization Foreign words foreign words		
82.	08/10 Mon.	B.Sc(III) T <sub>1</sub> B.Com-I B.Com-II B.Com-I T <sub>1</sub>	Parts of speech Synonyms & Antonyms Stopping By Woods Parts of speech	02	Complete
83.	09/10 Tue.	B.Sc(III) T <sub>2</sub> " T <sub>3</sub> " T <sub>4</sub> B.Com-I B.Com-II B.Com-I T <sub>2</sub>	Parts of speech " " " " Synonyms & Antonyms Introduction to Communi- Parts of speech		
84.	10/10 Wed.	B.Sc(III) T <sub>5</sub> B.Com-I B.Com-II B.Com-I T <sub>3</sub>	Parts of speech Synonyms & Antonyms Introduction to Communi- Parts of speech		
85.	11/10 Thu.	B.Com-I B.Com-III	Synonyms & Antonyms Revised Globalization	04 03	Complete Complete
86.	12/10 Fri.	B.Com-III B.Com-I T <sub>4</sub> B.Sc(III) T <sub>4</sub>	Revised - The first case Parts of speech Parts of speech		

The illiterate of the future will not be the person who cannot read. It will be the person who does not know how to learn- Alvin Toffler

18

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



### Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Oct - 2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
87.	13/10 Sat.	B.Sc.(B) T5 B. Com. III B.Sc.(B) T6 B. Com. I T5	5 Parts of Speech Revised - The first case 6 Parts of speech 5 Parts of speech	02	Complete
88.	15/10 Mon.	B.Sc.(m) T1 B. Com. I B. Com. II B. Com. I T1	1 Parts of Speech Tense forms Unit test II 1 Parts of speech		
89.	16/10 Tue.	B.Sc.(m) T2 → T3 → T4 B. Com. I B. Com. II B. Com. I T2	2 Parts of speech _____ _____ Tense forms Introduction to communication 2 Parts of speech	03	Complete
90.	17/10 Wed.	B.Sc.(m) T5 B. Com. I B. Com. II B. Com. I T3	5 parts of speech Tense forms Notices, Agendas & Minutes 3 Parts of speech		
91.	18/10 Thu.		- Holiday Dusshera -		
92.	19/10 Fri.	B. Com. III B. Com. I T4 B.Sc.(B) T4	Revised - The Fly 4 Parts of speech 4 Parts of speech		
93.	20/10 Sat.	B.Sc.(B) T5 B. Com. III B.Sc.(B) T6 B. Com. I T5	5 Parts of speech Revised - The Fly 6 Parts of speech 5 Parts of speech		

Education is the ability to listen to almost any thing without losing your temper or self confidence - Robert Frost

19

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Dec - Jan 2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
106	29/11 Thu.	B. Com. III	Poetry: Stay calm		
107	30/11 Fri.	B. Com. III	Poetry: Stay calm		
108	01/12 Sat	B. Com. III	Stay calm	03	complete
109	06/12 Thu.	B. Com. III	Thou Art Indeed ...		
110	07/12 Fri.	B. Com. III	Thou Art Indeed ...		
111	08/12 Sat	B. Com. III	Thou Art Indeed	03	complete
112	10/12 Mon.	B. Com. II	Prose: 1) The Town Week		
113	11/12 Tue	B. Com. II	2) The town week		
114	12/12 Wed.	B. Com. II	The town week.		
115	13/12 Thu.	B. Com. III B. Com. V	Yussoof Each is great in his own place.		
116	14/12 Fri.	B. Com. III	Yussoof		
117	15/12 Sat	B. Com. III	Yussoof	03	complete
*			16/12/18 to 23/12/18 Attended FDP organised by Pune University		
118	24/12 Mon.	B. Com. I B. Com. I B. Com. II B. Com. I	1) Basic Grammar Prose: Each is great in his own place Florence Nightingale Basic Grammar		

Change is the end result of all true learning- Leo Buscaglia

22

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Dec. 2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
			25/12 to 27/12 celebration of Birth Anniversary of Dr. Panjabrao Deshmukher		
119	28/12 Fri	B.com.III B.com.IT B.Sc.I(B)T	Thou Art Indeed... Vocabulary Development " "		
120	29/12 Sat.	B.Sc.I(B)T B.com.III B.Sc.I(B)T B.com.IT	Vocabulary Development Thou Art Indeed... Vocabulary Development " "		
121	31/12 Mon.	B.Sc.(M)T B.com-I B.com-II B.com.IT	Vocabulary Development Syllabus of Sem II Florence Nightingale Vocabulary Development		
122	01/01/19 Tue.	B.Sc.(M)T " T3 " T4 B.com-I B.com-II B.com.IT	Vocabulary Development " " " " Prose: Everyone is Great... Florence Nightingale Vocabulary Development		
123	02/01/19 Wed.	B.Sc.I(M)T B.com-I B.com-II B.com.IT	Vocabulary Development Everyone is Great Florence Nightingale Vocabulary Development Parts of Speech		

*A child without education is like a bird without wings - Tibetan Proverb*

23

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Jan - 2019

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
124	03/01/19 Thur.	B.com-I B.com-III	Everyone is Great... Unit Test		
125	04/01/19 Fri.	B.com-III B.com-IT B.Sc(I)T	The Fly Basic Grammar Vocabulary Development		
126	05/01/19 Sat	B.Sc(I)T B.com-III B.Sc(I)T B.com-IT	Vocabulary Development Yusuf Vocabulary Development -----		
127	07/01/19 Mon.	B.Sc(I)T B.com-I B.com-II B.com-IT	Basic Grammar Everyone is Great... Florence Nightingale... Unit Test I		
128	08/01/19 Tue.	B.Sc(M)T ----- ----- B.com-I B.com-II B.com-IT	Basic Grammar ----- ----- Everyone is Great... Florence Nightingale... Basic Grammar		
129	09/01/19 Wed.	B.Sc(M)T B.com-I B.com-II B.com-IT	Basic Grammar Everyone is Great... Florence Nightingale Basic Grammar		

*An investment in knowledge always pays the best interest - Ben Franklin*

24

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



# **Daily Execution of Teaching Plan** (Micro Planning)

Name of the Month Jan. 2019

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
130.	10/01/19 Thu.	B.Com.-I B.com.III	Everyone is Great ---- Assignment	05	Complete
131	11/01/19 Fri.	B.com.II B.Com.II B.Sc.(B)	Thou Art Indeed ---- Basic Grammar Vocabulary Development		
132	12/01/19 Sat.	B.Sc.(B) B.com.III B.Sc.(B) B.com.I	Vocabulary Development Thou Art Indeed ---- Basic Grammar -----		
133	14/01/19 Mon.	B.Sc.(M) B.com.I B.com.II B.com.I	Basic Grammar The Postmaster The Gift of Magi Vocabulary Development		
134	15/01/19 Tue.	B.Sc.(M) ----- ----- B.com.I B.com.II B.com.I	Basic Grammar ----- ----- The Postmaster The Gift of Magi Basic Grammar		
135	16/01/19 Wed.	B.Sc.(M) B.com.I B.com.II B.com.I	Basic Grammar The Postmaster The Gift of Magi Basic Grammar		

Education is not preparation for life, education is life itself - John Dewey

25

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Jan. 2019

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
136	17/01/19 Thu.	B.com.I B.com.III	The Postmaster Seminar Presentations	04	Complete
137	18/01/19 Fri.	B.com.III B.com.IV B.Sc(BT)	Basic Grammar Seminar Basic Grammar Vocabulary Development		
138	19/01/19 Sat	C.L.			
139	21/01/19 Mon.	B.Sc(MT) B.com.I B.com.II B.com.IV	Basic Grammar How to Become a Public Speaker Three Hermits Basic Grammar		
140	22/01/19 Tue.	B.Sc(MT) B.com.I B.com.II B.com.IV	Basic Grammar " " " " How to Become... The Postmaster The Tilt of Magi Basic Grammar	04	Complete
141	23/01/19 Wed.	B.Sc(MT) B.com.I B.com.II B.com.IV	Basic Grammar How to become a - - - Three Hermits Basic Grammar		
142	24/01/19 Thu.	B.com.I B.com.III	How to Become a - - - - Assignments/Seminars	03	Complete
143	25/01/19 Fri.	B.com.III B.com.IV B.Sc(BT)	Say Not The Struggle... Basic Grammar Vocabulary Development		

If child can't learn the way we teach, may be we should teach the way they learn

26/01/19 — Republic Day —  
Sat

- Ignacio Estrada

26

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Jan - 2019

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remarks
144	28/01/19 Mon.	B.Sc.I (M) B.Com-I B.Com-II B.Com-I T <sub>2</sub>	Basic Grammar Prospects of Indian Democracy How I became Three Hermits ... Basic Grammar		
145	29/01/19 Tue.	B.Sc.I (M) T <sub>1</sub> " T <sub>2</sub> " T <sub>3</sub> B.Com-I B.Com-II B.Com-I T <sub>2</sub>	Basic Grammar " " " " Prospects of Indian Democracy The Three Hermits Basic Grammar	03 03	Complete Complete
146	30/01/19 Wed.	B.Sc.I (M) T <sub>1</sub> B.Com-I B.Com-II B.Com-I T <sub>2</sub>	Basic Grammar Success is ... Unit Test I Basic Grammar		
			31/01 to 02/02 Annual Gathering		
147	04/02/19 Mon.	B.Sc.I (M) T <sub>1</sub> B.Com-I B.Com-II B.Com-I T <sub>1</sub>	Basic Grammar Poetry: Success is counted ... On his Blindness ... Basic Grammar		
148	05/02/19 Tue.	B.Sc.I (M) T <sub>2</sub> " T <sub>3</sub> " T <sub>4</sub> B.Com-I B.Com-II B.Com-I T <sub>2</sub>	Basic Grammar " " " " Laugh and Be merry On his Blindness Basic Grammar	03	complete
149	06/02/19 Wed.				

*The true purpose of education is to make minds, not careers - William Deresiewicz*

27

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Feb. 2019.

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
149	06/02/19 Wed.	B.Sc.(M)T <sub>1</sub> B.com.I B.com.II B.com.IT <sub>3</sub>	Basic Grammar Laugh and Be Merry... Solitude Basic Grammar		
150	07/02/19 Thu.	B.com.I B.com.III	Laugh and Be Merry Seminars	03 —	Complete —
151	<del>06/02/19</del> 08/01/19 Fri.	B.com.III B.com.IT <sub>4</sub> B.Sc.(B)T <sub>1</sub>	The Village school master Vocabulary Development Basic Grammar		
152	09/02/19 Sat.	B.Sc.(B)T <sub>5</sub> B.com.III B.Sc.(B)T <sub>6</sub> B.com.IT <sub>5</sub>	Vocabulary Development <del>They</del> Not The Struggle... Basic Grammar — " —		
153	11/02/19 Mon.	B.Sc.(M)T <sub>1</sub> B.com.I B.com.II B.com.IT <sub>3</sub>	Basic Grammar The Impossible Dream <del>Three Hermit's</del> Solitude Basic Grammar	02	complete
154	12/02/19 Tue.	B.Sc.(M)T <sub>2</sub> — " —T <sub>3</sub> — " —T <sub>4</sub> B.com.I B.com.II B.com.IT <sub>2</sub>	Basic Grammar — " — — " — The Impossible Dream Still I Rise Basic Grammar	02	Complete
155	13/02/19 Wed.	B.Sc.(M)T <sub>5</sub> B.com.I B.com.II B.com.IT <sub>3</sub>	Basic Grammar Still I Rise The Impossible Dream. Still I Rise Basic Grammar	02	Complete

The value of college education is not learning of many facts but the training of the mind to think - Albert Einstein

28

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

### Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Feb. 2019

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
156.	14/02/19 Thu.	B.com.-I B.com.-III	Grammar: Change the voice Say not the struggle - ...		
157.	15/02/19 Fri.	B.com.-III B.com.-IT B.Sc.(B)T	A Psalm of Life Basic Grammar Vocabulary Development		
158	16/02/19 Sat	B.Sc.(B)T B.com.-III B.Sc.I(B)T B.com.-I	Vocabulary Development A Psalm of Life Basic Grammar T5		
	18/02/19 Mon.	—	C.L. —		
	19/02/19 Tue.	—	Holiday (12/9-12/11)		
159	20/02/19 Wed.	B.Sc.(M)T B.com.-I B.com.-II B.com.-IT	Basic Grammar Unit Test II Unit test II Basic Grammar		
160.	21/02/19 Thu.	B.com.-III B.com.-I	A Psalm of Life Change the voice	03	complete
161	22/02/19 Fri.	B.com.-III B.com.-IT B.Sc.(B)T	A Psalm of Life Basic Grammar Vocabulary Development	03	complete
162.	23/02/19 Sat.	B.Sc.(B)T B.com.-III B.Sc.(B)T B.com.-I	Vocabulary Development Say not - ... Basic Grammar T5		

There are two educations One should teach us how to make living and the other how to live - John Adams

29

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Feb. 2019

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
163.	25/02/19 Mon.	B.Sc.(M) B.Com-I B.Com-II B.Com-I	T <sub>1</sub> Basic Grammar Idioms & Phrases Internal Assess.: Personal Interview T <sub>2</sub> Basic Grammar		
164	26/02/19 Tue.	—	D.L. for Election Duty		*
164	27/02/19 Wed.	B.Sc.(M) B.Com-I B.Com-II B.Com-I	T <sub>5</sub> Basic Grammar Idioms & Phrases Internal Assessment: Personal Interview T <sub>3</sub> Basic Grammar		
165	28/02/19 Thu.	B.Com-I B.Com-II	Grammar: Idioms & Phrases The village Schoolmaster		
166.	01/03/19 Fri.	B.Com-III B.Com-I B.Sc.(B)	Idioms & Phrases The village Schoolmaster Basic Grammar T <sub>4</sub> — " —	02	complete
167.	02/03/19 Sat.	B.Sc.(B) B.Com-III B.Sc.(B) B.Com-I	T <sub>5</sub> Vocabulary Development Unit Test II T <sub>6</sub> Vocabulary Development T <sub>5</sub> Basic Grammar		
168	04/03/19 Mon	—	Holiday —		
169	05/03/19 Tue.	B.Sc.(M) — — — B.Com-I B.Com-II B.Com-I	T <sub>2</sub> Basic Grammar T <sub>3</sub> — T <sub>4</sub> — One Word Substitute Internal Assessment T <sub>2</sub> Basic Grammar		

The beautiful thing about learning is that no one can take it away from you -BB king

30

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



### Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Feb. March 2019

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
170.	06/03/19 Wed.		Visit of Committee to College from Shri Shriwaji Education Society.		
171.	07/03/19 Thu.	B.com-I B.com-III	Prepositions The Village Schoolmaster		
* 172.	08/03/19 Fri.		Organization of State Level Workshop on Women Empowerment		
173	09/03/19 Sat	B.Sc.I(B) B.com-III B.Sc.I(B) B.com-I	5 Vocabulary Development A Psalm of Life 6 Basic Grammar 5 —————		
174.	11/03/19 Mon.		D. L. (Attended Workshop.)		
175	12/03/19 Tue.	B.Sc.(M) B.com-I B.com-II B.com-I	1 Basic Grammar 2 ————— 4 ————— Prepositions Internal Assessment 2 Basic Grammar		
176	13/03/19 Wed.	B.Sc.(M) B.com-I B.com-II B.com-I	1 Basic Grammar Prepositions Interview and Interviewing Skills 2 Basic Grammar	04	Complete
177.	14/03/19 Thu.	B.com-I B.com-III	E-mail Writing From Hamlet	02	Complete

Education is not a problem. Education is an opportunity - Lyndon B. Johnson

31

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

Name of the Month March 2019

*The whole purpose of education is turn mirrars into windows - Sydney J. Harris*

151



Participation in Administration/Quality Excellence /Professional Development / Invited Talks Etc.			
S.N.	Name of Activity	Average Hours / Week Spent	API Score
1.	Worked as chief editor of college magazine 'shirdarshan'.	03	05
2.	Working as staff council secretary	01	05
3.	SDTC member	02	05
Total			

*A Teacher affects Eternity No one can tell where his influence stops.- Henry Adams*

51

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## Teacher's Evaluation

### ● Teaching, Learning and Evaluation :

Innovative Teaching Practices apart from Traditional methods with Proof

Sr. No.	Class/ Semester	Paper	Topic	Date	No of Students Present	Innovation, if any
1.	B.com I sem I & II	Comp. English	Assignments			Students are motivated to develop creative ability.
2.	B.com II & B.com III	" "	Assignments & Seminars arranged			Students thinking ability and communication skill is developed.
3.	for all undergraduate students		20 Days Workshop on Communication skills in English is developed		30	<del>English</del> Language Learning Students have shown interest in learning communication skills.

Mention special efforts to improve quality of teaching / learning and evaluation in brief Language learning software, Internet Resources and standard dictionaries are used for improving quality of teaching.

Mention Special efforts for Advance learners Advanced learners are guided to use internet and sites like British Council. They are also guided to use standard dictionaries and read newspapers.

Mention Special efforts for Slow learners Slow learners are guided to develop handwriting, punctuation marks etc.

Remedial Teaching if any students are guided now and then in the classroom to develop paragraph writing.

Have you taken feedback from students of your work ☒ Yes ☐ No

If yes, mention in brief, satisfactory level \_\_\_\_\_

Students are asked orally about the method of teaching and their requirements.

If no, why not ? \_\_\_\_\_

*The most important thing in communication is hearing what isn't said - Peter Druiker*

48

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



Attendance of the Students in the class/(Average)Semester / Yearly							
Month	Class	Paper	Students Enrolled (E)	Students Present (E)	Students Absent (A)	Avarage Attendance	Remarks
	B.Com.						
June	B.Com. Sem I	Computer English	99				
	B.Com. Sem II		56				
	B.Com. Final		74				
July	Sem I	"	99	80	19	80%	
	Sem II		56	42	14	75%	
	Final		74	68	6	91%	
Aug.	Sem I	"	99	78	21	78%	
	Sem II		56	44	12	78%	
	Final		74	66	8	89%	
Sept.	Sem I	"	99	80	19	80%	
	Sem II		56	50	06	89%	
	Final		74	60	14	81%	
Oct.	Sem I	"	99	79	20	79%	
	Sem II		56	48	08	85%	
	Final		74	58	16	78%	
Nov.	Sem I	"	99	78	21	78%	
	Sem II		56	42	14	75%	
	Final		74	56	18	75%	
Dec.	Sem I	"	99	76	23	76%	
	Sem II		56	43	13	76%	
	Final		74	58	16	78%	
Jan.	Sem I	"	99	80	19	80%	
	Sem II		56	44	12	78%	
	Final		74	56	18	75%	
Feb.	Sem I	"	99	82	17	82%	
	Sem II		56	42	14	75%	
	Final		74	60	14	81%	
March	Sem I	"	99	78	21	78%	
	Sem II		56	46	10	82%	
	Final		74	56	18	75%	
April			99				
			56				
			74				

i) Reasons for Absentee of the students, if any : Most of the absent students are from rural area. They work at farms and some of them help their parents. It is also found that some of the students work outside. Apathetic attitude is also one of the reasons behind absence of the students in the college.

ii) Corrective measures applied for Absentism, if any  
students are motivated and instructed to attend college regularly

iii) Improvement if any, after application of corrective measures of Absentism  
Improvement upto certain extent is found.

iv) Reasons for Students Drop Out Rate

1) Poverty 2) Apathetic attitude 3) Lack of seriousness about studies  
4) some work on daily wages to support their families  
5) After graduation students don't get job opportunities.

He who reads never alone - Helder simone

42

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Development of Learning Skills

Additional Private / Learning hours expected from the students

### Developments of Learning Outcomes

#### A) Domains of Learning

##### i) Description of Knowledge to be acquired

Four basic language skills i.e. listening, speaking, reading and writing are needed to be acquired by the students.

##### ii) Teaching strategies to be used to develop that knowledge

In addition to lecture method, ICT is also used to make the class learning centre.

##### iii) Methods of assessment of knowledge acquired

i) Oral responses are taken from the students. ii) Unit tests are conducted and notebooks of the students are checked. iii) Seminars and V.D. are also conducted for the students.

#### B) Cognitive Skills

##### i) Cognitive skills to be developed

The ability of the students to transmute their thoughts, experience, understanding and learning into generating ability to communicate in English.

##### ii) Teaching strategies to develop these cognitive skills

Teaching strategies: i) Acquisition of basic structures of English language.

#### C) Interpersonal skills and Responsibility

##### i) Description of the interpersonal skill and capacity to carry responsibility to be developed

Throughout the academic year the students are guided to develop <sup>friendly</sup> relations among themselves.

ii) Verbal and non-verbal communication ii) problem solving attitude iv) decision making v) assertiveness

##### ii) Teaching strategies to develop these skills and abilities

Delivered lecture on Communication Skills in English and other related topics ~~on~~ personality development.

##### iii) Methods of assessment of students interpersonal skills and capacity to carry responsibility.

Students behaviour in the classroom while participating in language learning activities is observed.

Perfect yourself first - Dale Carnegie

43

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



#### D) Course evaluation and Improvement process

##### i) Strategies for obtaining student feedback on effectiveness of teaching

a) Oral responses are taken from the students after completion of each topic. b) Unit Tests are conducted to evaluate students' oral responses.

##### ii) Other strategies for evaluation of teaching

Seminars and G.D. are conducted to evaluate students' oral communication abilities.

##### iii) Process for Improvement of teaching

Sometimes LCD projector, and material from NET, resources are used. Reference books on language learning are used to improve teaching.

iv) Process for verifying standards of students achievements (eq. check marking by independent faculty member of a sample of student work, periodic exchange and remarking of a sample of assignments with a faculty member in another Institution).

##### v) Action planning arrangements for periodic reviewing course effectiveness and planning for improvement

#### E) Numerical and Communication Skills

##### i) Description of the numerical and communication skills to be developed

Twenty days workshop and certificate course in Communication Skills in English are conducted.

##### ii) Teaching strategies to be used to develop these skills

Language learning software <sup>is used</sup> and presentations on LCD are given. Participation of students is also taken.

##### iii) Methods of assessment of students numerical and communication skills

Students communication skills are observed by arranging seminars, G.D. and quiz

*Tell me and I forgot. Teach me and I remember Involve me and I learn - Benjamin Franklin*

44

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



● Learning Resources

i) Required Text

1) Textbooks 2) Dictionaries 3) Grammar Books,  
4) Reference Books 5) Material from Internet.

ii) Essential Reference

1) Dictionaries 2) Books on Language Acquisition  
3) Books of Grammar

iii) Electronic material, web sites etc.

Website of British Council is used.

iv) Other learning material such as computer based programme / CD / Professional standards / regulation etc:

LCD projector with audio facility is needed  
in the classroom.

● Facilities Required

Indicate requirements for the course including size of classroom and laboratories (seating / working capacity etc)

i) Accommodation (Lecture room, Lab etc)

LCD projector with audio facility is needed  
in the classroom.

iii) Computer resources

Internet facility is needed.

iii) Other resources (specify eq. equipments / apparatus / chemicals / glass wares etc. Attach separate list)

He who stops being better, stops being good - Oliver Cromwell



## Summary of Teaching Work

2018 - 2019 -

No. of lectures due (D) / Engaged (E) / Loss (L)						
Month	Class	Theory D / E	Practicals D / E	Internal Assignment D/E	To be Engaged / Loss (L) D / L	Extra Periods Engaged (Ex) D/Ex.
June	B. Comm I I II		—	80/75 Sem I 48/56 Sem III	—	—
July	—	18/18 12/12 14/14	—	—	—	—
August	—	16/15 12/11 13/13	—	—	—	—
Sept.	—	13/13 11/11 12/10	—	—	—	—
October	—	14/14 11/10 12/11	—	—	—	—
Nov.	"	05/05	—	—	—	—
Dec.	"	03/03 9/9 05/05	—	Sem II 70/61 Sem III 40/52	—	—
January	—	18/17 11/10 12/13	—	—	01	—
Feb.	—	12/12 10/10 03/03	—	—	01	—
March	"	06/05 08/07 02/03	—	B. Comm II 70/76	01	—
April	"	—	—	—	—	—

Total Number of Holidays & leaves enjoyed in the Year H \_\_\_\_ L \_\_\_\_ DL \_\_\_\_ On duty L \_\_\_\_

Total Number of Actual Teaching Days in the Year \_\_\_\_\_

(Including all the Leaves & other work, It should be at least 180 Days)

Total Number of Working Days in the Year \_\_\_\_\_

Mention reasons to suffer the teaching work in brief, if any \_\_\_\_\_

How do you have managed the loss of lectures, if any? (Give a plan in brief & attach a proof thereafter) \_\_\_\_\_

Have you taken the extra periods as an extra workload if yes, how many? Whether mentioned in time table as per UGC guidelines \_\_\_\_\_

" Learning and teaching is messy stuff. It doesn't fit into bubbles " - Michele Forman

46

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## Students' Evaluation

Internal Assignment (Unit Test / Project / Seminar / GD /Etc.) Performed

Sr. No.	Class/ Semester	Internal Assignment	Dates	No of Students Due (D)	No of Students Appeared (A)	No of Students Passed(B)	Attendance Index A/D * per 100	Reason for Low Attendance Index (< 20 %) per 100
1.	B.Com.I Sem I	Unit Test I	06/08	99	49	26	49%.	—
		Unit Test II	10/09	99	66	03	66.66%.	—
		Unit Test III	01/10	99	60	04	60%.	—
		Assignment	10/10 to 25/10	99	75	75	75%.	—
2.	B.Com.III Sem III	Unit Test I	27/08	56	25	24	50%.	—
		Unit Test II	15/10	56	24	21	50%.	—
		Assignment II	02/10 to 28/10	56	48	48	85.71%.	—
3	B.Com.I Sem II	Unit Test I	20/02/19	99	50	50	49%.	—
		Unit Test II	07/01/19	99	60	60	60.60%.	—
<del>4</del>	<del>B.Com.</del>	Assignment II	20/02 to 05/03	99	62	62	62%.	—
4.	B.Com.III Sem IV	Unit Test I	30/01/19	56	27	25	92%.	—
		Unit Test II	20/02/19	56	28	22	78%.	—
		Assignments	20/02 to 05/03	56	50	50	100%.	—
5.	B.Com.III	Unit Test I	02/01/19	74	70	50	71%.	—
		Unit Test II	02/03/19	74	68	60	88%.	—
		Assignments	20/02 to 05/03	74	68	68	100%.	—

*To know how to read is not important as to know what to read - Shiv Khara*

(47)

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



Analysis of Result Of Board /University Examination (Teacher wise & paper wise)										
Session <u>2018-19</u>		Name of the Teacher <u>Theresa Mary Syed Smbier</u>		Subject <u>English</u>						
Sr. No.	Class	Semester / Yearly	No. of Students		Student wise Performance & Quality					
			Due	Appeared	Passed	(a)	(b)	(c)	(d)	(e)
1.	B.Com. I	Sem I								
		Sem II								
2.	B.Com. II	Sem I								
		Sem. II								
3.	B.Com. III									
Student Performance :			Remarks -							
a - Excellent (75% & above)										
b - Good (60% - 75%)										
c - Satisfactory (50% - 60%)										
d - average (35% - 50%)										
e - Fail (30% - 35%)										
			[Signature of Teacher]		[Signature of HOD]		[Signature of Principal]			

When I get little money, I buy books; and if any left I but food and clothes - Erasmus

49

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Oct-2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
94.	22/10 Mon.	B.Sc.(MT) <sub>1</sub> B.Com-I B.Com-II B.Com-IT <sub>2</sub>	Parts of speech Tense forms Notices/Agendas minutes Parts of speech		
95.	23/10 Tue.	B.Sc.(MT) <sub>2</sub> - - - T <sub>3</sub> - - - - - - T <sub>4</sub> - - - B.Com-I B.Com-II B.Com-IT <sub>2</sub>	Parts of speech Tense forms Notices, Agendas, minutes Parts of speech	05 03	Complete Complete
96.	24/10 Wed.		- C.L. -		
97.	25/10 Thu.	B.Com-I B.Com-III	Application for Job Revised - The fly	01	Complete
98.	26/10 Fri.	B.Com-III B.Com-IT <sub>4</sub> B.Sc.(B) <sub>4</sub>	Revised - The fly Parts of speech Parts of speech	03	Complete
99.	27/10 Sat.	B.Sc.(B) <sub>5</sub> B.Com-III B.Sc.(B) <sub>6</sub> B.Com-I <sub>5</sub>	Parts of speech Revised - What I require Parts of speech Parts of speech		
100.	29/10 Mon.	B.Sc.(MT) <sub>1</sub> B.Com-I B.Com-II B.Com-IT <sub>2</sub>	Parts of speech Letter of order/complaint Presentations Parts of speech	01	Complete

Intelligence plus character- that is a goal of true education - Martin Luther King

20

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



### Daily Execution of Teaching Plan (Micro Planning)

Name of the Month Oct - Nov 2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
101.	30/10 Tue.	B.Sc.(M) T <sub>2</sub> B. Com. I B. Com. II B. Com. I T <sub>2</sub>	Parts of Speech Personal Letters Presentations Parts of speech	01	Complete
102	31/10 Wed.	B.Sc.(M) T <sub>5</sub> B. Com. I B. Com. II B. Com. I T <sub>3</sub>	Parts of speech Resume Writing Presentations Parts of speech	03	Complete
103	01/11 Thu.	B. Com. I B. Com. III	Resume Writing What I Require	02 02	Complete Complete
104	02/11 Fri	B. Com. III B. Com. I T <sub>4</sub> B. Sc.(B) T <sub>4</sub>	The function of education Parts of speech a		
105	03/11 Sat.	B. Sc.(B) T <sub>5</sub> B. Com. III B. Sc.(B) T <sub>6</sub> B. Com I T <sub>5</sub>	Parts of speech The function of education Parts of speech Parts of speech	02	Complete
			Winter Vacation 05/11/18 to 24/11/18		
			Winter University Exams B. Com I Sem I : 24/11/18 to 02/12/18 B. Com II Sem II : 19/11/18 to 05/12/18 B. Sc I Sem I : 13/11/18 to 02/12/18 Practises up to 15/12/18		

Education without values, as useful as it is, seems rather to make man a cleverer devil - C.S. Lewis

21



*D. Deshmukh*  
Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhi, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## **Teaching Diary 2017-18**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE CHIKHLI**

Dist.-Buldana ☎ 07264 - 242088

NAAC Accredited with B Grade  
with CGPA 2.82



॥ ज्ञानम् परम् ध्येयम् ॥

**TEACHER'S DIARY**

20 17 - 20 18

Name of the Teacher: S. N. Mendhe

Designation: Assistant Professor

Subject with specialization: Microbiology

Department: Microbiology

Email - shivajichk@rediff.com

Website - www.ssscchk.com(College)

www.sscchklib.com(Library)

We educate, inspire and empower .....

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



**Personal Time Table (Sem - I / III / V)**

Periods	01	02	03	04	05	06	07	08	09	10	11	12
Time	8:10 To	8:50 To	9:40 To	10:20 To	11:00 To	11:50 To	12:40 To	1:40 To	2:30 To	3:20 To	4:10 To	5:00 To
Day	8:50	9:30	10:20	11:00	11:50	12:30	1:30	2:30	3:20	4:10	5:00	5:50
Mon							B.Sc.II					
Tue		←	B.Sc.I pract	→				B.Sc.II				
Wed						B.Sc.II						
Thur					B.Sc.II							
Fri		←	B.Sc.II pract	→				B.Sc.II		←	B.Sc.II pract	→
Sat		←	do	→			B.Sc.II			←	do	→

**Personal Time Table (Sem - II / IV / VI)**

Periods	01	02	03	04	05	06	07	08	09	10	11	12
Time	8:10 To	8:50 To	9:40 To	10:20 To	11:00 To	11:50 To	12:40 To	1:40 To	2:30 To	3:20 To	4:10 To	5:00 To
Day	8:50	9:30	10:20	11:00	11:50	12:40	1:30	2:30	3:20	4:10	5:00	5:50
Mon	←	B.Sc.I pract	→				B.Sc.II			←	B.Sc.I pract	→
Tue		←	B.Sc.I pract	→				B.Sc.II		←	do	→
Wed						B.Sc.II						
Thur								B.Sc.I				
Fri								B.Sc.I				
Sat				B.Sc.I								

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

\* Personal - Information \*

Name of the Teacher :- S. N. Mendhe

Educational Qualification :- M.Sc. NET Designation Asst. Professor

Subject with Specialization :- Microbiology

Department Dept. of Microbiology

Postal Address :- At - Wathoda (B.) Post - Dabhada  
Tq - Dharampuri (Rly.) Dist - Amravati

Mobile No. 9850888390 e-mail snmendhe@gmail.com

Date of Joining 07/03/2012

Teaching Experience Jr 2 Yrs. UG. 06 Yrs. PG. — Yrs. Total 06

Class	Number of Students Admitted	Workload / Week		
		Theory	Practicals / Tutorials	Total
XI <sup>th</sup>				
UG - I	SEM-III - 57, SEM-I - 93	SEM-I -	03	03
		SEM-III - 06	012	18
B.Sc. I Sem-II	74	03	18	21
B.Sc. II Sem-IV	58	03	—	03
UG - III				
Extra Workload, if any				
Total		06	15	21

02

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month July - 2017

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
1.	01/07/17	B.Sc.-II Sem-III	Pract - Introd <sup>n</sup> to Pract.	06	
2.	03/07/17	—u—	Th - Unit - I concept of Gene	01	
3.	04/7/17	—u—	Th - concept of Gene	01	
4.	04/7/17	B.Sc.-I	Pract - Introd <sup>n</sup> to Pract.	03	
5.	04/7/17	B.Sc.-II	Th - structure of DNA	01	
6.	05/7/17	—u—	Th - —do—	01	
7.	06/7/17	—u—	Th - Modes of DNA replication	01	
8.	07/7/17	—u—	Mechanism of DNA replication	01	
9.	08/7/17	—u—	Enzymes of DNA replic <sup>n</sup>	01	
10.	07/7/17	—u—	Pract - Estim <sup>n</sup> of DNA	06	
11.	08/7/17	—u—	—do—	06	
12.	10/7/17	—u—	Th - Meselson & Stahl Expt. of semi-conservative mode	01	
13.	11/7/17	B.Sc.-I	Pract - Diff. Equipments in Microbiology lab	03	
14.	11/7/17	B.Sc.-II	Th - DNA repair Mech.	01	

*Education's purpose is to replace an empty mind with an open one - Malcom Forbes*

(17)

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



### Daily Execution of Teaching Plan (Micro Planning)

Name of the Month July - 2017

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
15.	12/7/17	B.Sc.II Sem-III	Th- DNA repair Mechanism	01	
16.	13/7/17	—u—	Th- Dark repair Mech.	01	
17.	14/7/17	—u—	Th- Geneti code	01	
18.	14/7/17	—u—	Pract- Estim <sup>n</sup> of RNA	06	
19.	15/7/17	—u—	—do—	06	
20.	15/7/17	—u—	Th- Genetic code	01	
21.	17/7/17	—u—	Th- —do—	01	
22.	18/7/17	B.Sc-I S-I	Pract- Diff. Equipments in Microbiology Lab	03	
23.	18/7/17	B.Sc-II S-III	Th- Outline of Protein Synthesis	01	
24.	19/7/17	—u—	Th- Outline of Protein Synthesis	01	
25.	20/7/17	—u—	Th- —do—	01	
26.	21/7/17	—u—	Th- DNA replication (repeat)	01	
27.	21/7/17	—u—	Pract- Isol <sup>n</sup> of fermentative mutants	06	

*The illiterate of the future will not be the person who cannot read. It will be the person who does not know how to learn- Alvin Toffler*

18

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

### Daily Execution of Teaching Plan (Micro Planning)

Name of the Month July - 2017

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
28.	22/7/17	B.Sc.II (S-III)	Th- DNA replication	01	
29.	22/7/17	—u—	Pract - Isol <sup>n</sup> of fermen <sup>n</sup> mutants	06	
30.	24/7/17	—u—	Th- Enzymes in DNA replic <sup>n</sup>	01	
31.	25/7/17	—u—	—do—	01	
32.	25/7/17	B.Sc.I (S-I)	Pract - Prep <sup>n</sup> of different media	03	
33.	26/7/17	B.Sc.II Sem-III	Th- Outline of protein synthesis (repeat)	01	
34.	27/7/17	—u—	—do—	01	
35.	28/7/17	—u—	Pract - Isol <sup>n</sup> of streptomycin resistant mutants.	06	
36.	28/7/17	—u—	Th- Unit-II, Gene regul <sup>n</sup> mechanism	01	
37.	29/7/17	—u—	Pract - Isol <sup>n</sup> strep. mutants	06	
38.	29/7/17	—u—	Th- Lactose operon	01	
39.	31/7/17	—u—	Th —do—	01	

*Education is the ability to listen to almost any thing without losing your temper or self confidence - Robert Frost*

19

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

### Daily Execution of Teaching Plan (Micro Planning)

Name of the Month October - 17

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
1.	01/10/17	—	Sunday		
2.	02/10/17	—	Holiday - Gandhi Jayanti		
3.	03/10/17	B.Sc.-I	Pr - Isol <sup>n</sup> of Pure Culture by streak plate method, pour plate & spread plate	03	
4.	03/10/17	B.Sc.-II	Th - Unit - V Agarose gel electrophoresis	01	
5.	04/10/17	—u—	Th - Isol <sup>n</sup> of Genomic & plasmid DNA	01	
6.	05/10/17	—u—	Th - Gene Mapping	01	
7.	06/10/17	—u—	Th - DNA Sequencing	01	
8.	06/10/17	—u—	Pr - Isol <sup>n</sup> of Genomic DNA & agarose gel electrophoresis	06	
9.	07/10/17	—u—	Pr — do —	06	
10.	07/10/17	—u—	Th - PCR	01	
11.	09/10/17	—u—	Th - Expression of cloned DNA	01	
12.	10/10/17	—u—	Th - Unit VI Insulin prod <sup>n</sup> by R-DNA Tech -	01	
13.	10/10/17	B.Sc.-I	Pr - Spotting.	03	
14.	11/10/17	B.Sc.-II	Th - Insulin prod <sup>n</sup>	01	
15.	11/10/17	—u—	Pr - Transform <sup>n</sup>	03 (Extra)	
16.	12/10/17	—u—	Pr - — do —	03 (Extra)	

*Education is not preparation for life, education is life itself - John Dewey*

25

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month October -17

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
17.	12/10/17	B-sc-II	Th- Hepatitis B. vaccine Prod <sup>n</sup> by R-DNA tech.	01	
18.	13/10/17	—u—	Th —do—	01	
19.	13/10/17	—u—	Pr- Transform <sup>n</sup>	06	
20	14/10/17	—u—	Pr —do—	06	
		Winter vacations 16/10/17 to 05/11/2017			
		University Theory Exam November & December 09/12/17			
		University Practical Exam Schedule 11 Dec to 23 Dec. 2017			

*If child can't learn the way we teach, may be we should teach the way they learn*

- Ignacio Estrada

26

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## Daily Execution of Teaching Plan (Micro Planning)

Name of the Month January - 2018

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
1.	01/01/18	B.Sc.II	Th- Introd <sup>n</sup> to Medical micb	01	
2.	02/01/18	—u—	Th- Allotment of Int. assignments	01	
3.	03/01/18	—u—	Unit-I - Epidemiology Def <sup>n</sup> , Scop & Uses	01	
4.	04/01/18	B.Sc.I	Unit-IV - Basic Biochem. Carbohydrates	01	
5.	05/01/18	—u—	—u—	01	
6.	06/01/18	—u—	—u—	01	
7.	08/01/18	—u—	Th - Proteins	01 (Extra)	
8.	08/01/18	—u—	Pr - Batches form <sup>n</sup>	06	
9.	09/01/18	—u—	Th - protein	01 (Extra)	
10.	09/01/18	—u—	Pr - Introd <sup>n</sup> of practicals	01	
11.	09/01/18	B.Sc.II	Th - Epidemiology	01	
12.	10/01/18	—u—	Th - contact & vehicle Trans.	01	
13.	10/01/18	B.Sc.I	Th - amino acid classif <sup>n</sup>	01	
14.	11/01/18	B.Sc.I	Th — do —	01	
15.	12/01/18	—u—	Th - Stru. of proteins	01	
16.	15/01/18	—u—	Pract - Isol <sup>n</sup> of Bacteriophages	06	
17.	15/01/18	B.Sc.II	Th - Congenital & lab. Trans.	01	
18.	16/01/18	—u—	Th - Mechanism of Disease process	01	
19.	16/01/18	B.Sc.I	Pr. - Isol <sup>n</sup> of Bacteriophages	06	
20.	17/01/18	B.Sc.II	Th - Disease process	01	
21.	18/01/18	B.Sc.I	Th - lipids	01	

The value of college education is not learning of many facts but the training of the mind to think - Albert Einstein

(28)

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

### Daily Execution of Teaching Plan (Micro Planning)

Name of the Month January - 18

Sr. No.	Date	Class / Paper	Units / Topics Taught	Periods used	Remark
22.	19/01/18	B.Sc-I	Th - Lipids	01	
23.	19/01/18	—	Th — do —	01	
24.	20/01/18	B.Sc-II	Th - Host & Parasite relat <sup>n</sup>	01 (Ex)	
25.	20/01/18	B.Sc-I	Th - Lipids	01	
26.	21/01/18	—	Annual gathering		
27.	22/01/18	B.Sc-I	Pr - Effect of pH & Temp	06	
28.	23/01/18	—	Pr — do —	06	
29.	24/01/18	—	Annual gathering		
30.	25/01/18	—	do		
31.	26/01/18	—	Republic day		
32.	27/01/18	—	Declared Holiday		
33.	28/01/18	—	Sunday		
34.	29/01/18	B.Sc-I	Pr - Effect of Salt & Sugar	06	
35.	29/01/18	B.Sc-II	Th - N. flora of Resp & Int. tract.	01	
36.	30/01/18	B.Sc-I	Pr - Effect of Salt & Sugar	06	
37.	31/01/18	B.Sc-II	Control of Comm. Disease	01	

There are two educations One should teach us how to make living and the other how to live - John Adams

(29)



*S. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



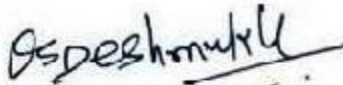
## **Departmental Library**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

**SHRI SHIVAJI SCIENCE AND ARTS COLLEGE,  
CHIKHLI.DIST.- BULDANA.  
BOTANY DEPARTMENT  
LIST OF REFERENCE BOOKS**

Sr.No.	Acc / No.	Title	Author
1	2388	Science & The Future	Melvin L. Pruel
2	3989	Garden Plants	Ray Hag Patnick
3	1346	Science & Future	WilliamEenton
4	1347	Science & Future	WilliamBenton
5	2344	Guide of Tree	Richard Gorer
6		Students Activities	Ladali Mohan Mathur
7	050	Wildlife Naritage	Tasmania
8		Impact & Organism Response	K. M. Kulkarni
9	3142	The Living Body	Sabbagh
10	7311	101 Sci. Experiments	Utial
11	4413	Encyclopaedic dictionary of Environmental Pollution	Vandana Pandey
12	6866	Mosses of Khandala	G. T. Dabhade
13		Medical Dictionary	Dorlands
14	2290	D.N.A. By with esis	Kornberg
15	5496	Biostatistics & Biometry	Parihar, P.
16	5953	Advances In Ayurvedic Medicine	Arora, C.
17	5954	Biotechnology Recent Developments	Ganguli, Ashok
18	6308	Encyclopedia of Plant Science Vol. I	Wastan, W.
19	6309	Encyclopedia of Plant Science Vol. II	Wastan, W.
20	6310	Encyclopedia of Plant Science Vol. III	Wastan, W.




  
**Dr. Omraj S. Deshmukh**  
**Principal**  
**Shri Shivaji Sci. & Arts**  
**College. Chikhl, Dist. Buldana**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

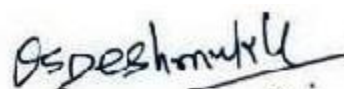
**SHRI SHIVAJI SCIENCE AND ARTS COLLEGE,  
CHIKHLI.DIST.- BULDANA.  
BOTANY DEPARTMENT**

**LIST OF REFERENCE BOOKS**

Sr.No.	Acc / No.	Title	Author
1	2388	Science & The Future	Melvin L. Pruel
2	3989	Garden Plants	Ray Hag Patnick
3	1346	Science & Future	WilliamEenton
4	1347	Science & Future	WilliamBenton
5	2344	Guide of Tree	Richard Gorer
6		Students Activities	Ladali Mohan Mathur
7	050	Wildlife Naritage	Tasmania
8		Impact & Organism Response	K. M. Kulkarni
9	3142	The Living Body	Sabbagh
10	7311	101 Sci. Experiments	Utial
11	4413	Encyclopaedic dictionary of Environmental Pollution	Vandana Pandey
12	6866	Mosses of Khandala	G. T. Dabhade
13		Medical Dictionary	Dorlands

  
 Head  
 Department of Botany  
 Shri Shivaji Science & Arts Colleg.  
**CHIKHLI, Dist. Buldana**



  
 Dr. Omraj S. Deshmukh  
 Principal  
 Shri Shivaji Sci. & Arts  
 College. Chiknli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



**SHRI SHIVAJI SCEINCE AND ARTS COLLEGE,  
CHIKHLI.DIST.- BULDANA.  
BOTANY DEPARTMENT**

**LIST OF THE BOOKS DONATED BY STUDENT SHRI MANGESH MORE  
TO BOTANY DEPARTMENT LIBRARY**

Sr.No.	Acc / No.	Title	Author	Rs
1	MM 001	Molecular Cloning (Sambrook & Russell)	Transfer to MCB	1600/-
2	MM 002	Molecular Biology ( Vol – 2)	Robert. F. Weare	1280/-
3	MM 003	An Introduction to Genetic Engineering		195/-
4	MM 004	Environmental Biotechnology	Inda Shekhar thakar	535/-
5	MM 005	Route Maps in Gene Technology	Matthew. R. Walker	2106/-
6	MM 006	Genomes – Secon – 2	T. A. BROWN	2819/-
7	MM 007	Molecular Biology of the gene		1200/-
8	MM 008	Fundamentals of Biochemistry		1500/-
9	MM 009	Plant Tissue Culture		1995/-
10	MM 010	Protocols in Lichenology	Ajit Varma	2230/-
11	MM 011	Molecular biology – Vol- 1	Robert. F. Weare	1280/-
12	MM 012	Culture of Animal Cells	R. Ian feshney	620/-
13	MM 013	Immunology Fourth Edition	Transfer to MCB	900/-
14	MM 014	Biotechnology Expanding Horizons	B. D. Singh	525/-
15	MM 015	Principles of Biochemistry	David. L. Nelson	5820/-

*Ysow*  
**HEAD.**  
Department of Botany  
Shri Shivaji Science & Arts College  
CHIKHLI Dist. Buldana



*Dr. Omraj S. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
**Principal**  
Shri Shivaji Sci. & Arts  
College. Chikhl, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

**SHRI SHIVAJI SCEINCE AND ARTS COLLEGE,  
CHIKHLI.DIST.- BULDANA.  
BOTANY DEPARTMENT**

**LIST OF THE BOOKS DONATED BY  
Prof. K. K. CHOUDHARY & Prof. T. B. AGLAWE  
TO BOTANY DEPARTMENT LIBRARY**

Sr.No.	Acc / No.	Title	Author
1	KKC 001	Improduction of Bryophyta	P. D. Sharma
2	KKC 002	T. B. of Algae	G. L. Chopra
3	KKC 003	T. B. of Algae	Ghemawat, Kapoor, Narayana
4	KKC 004	Gymnosperms	Dr. O. P. Sharma
5	KKC 005	A T.B. of Botany	O. P. Sharma, S. A. Siddiqui
6	KKC 006	Morphology of Gymnosperms	K. S. Sporne
7	KKC 007	A. T. B. of Gymnosperms	Vyas, Purohit, Garg
8	KKC 008	College Botany Vol. II	S. Sunderrajan
9	KKC009	College Botany Vol. I	S. Sunderrajan
10	KKC 010	College Botany Vol. II	S. Sunderrajan
11	KKC 011	College Botany Vol. II	S. Sunderrajan
12	KKC 012	A Class book of Botany II	Mustaddi, Mogarkar
13	KKC 013	A T.B. of plant Taxonomy	Ray, Saaxena
14	KKC 014	Intoductory Taxonomy	Trivedi, Sharma
15	KKC 015	Systematics of Angro.	M. S. Tayal
16	KKC 016	Taxonomy of Angio.	Singh, Jain
17	KKC 017	Taxonomy	Dr. M. S. Tayal
18	KKC 018	Plant Classification	Lyman Benson
19	KKC 019	Plant Anatomy	J. J. Prakash
20	KKC 020	Plant Anatomy	M. S. Tayal
21	KKC 021	Embryology of Angio,	J. N. Dwivedi
22	KKC 022	Plant Physiology	Dr. S. K. Pillai, Mrs. Pillai
23	KKC 023	Plant Physiology	C. P. Malik
24	KKC 024	Plant Physiology	H. N. Shrivastava
25	KKC 025	Plant Physiology	H. N. Shrivastava
26	KKC 026	Plant Physiology	Pandeyt, Sinha
27	KKC 027	Plant Physiology	H. N. Shrivastava
28	KKC 028	Plant Physiology & Ecology	Purekar, Singh, Mistri
29	KKC 029	Plant Ecology	Shjukla, Chandel

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



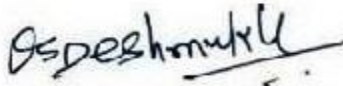
30	KKC 030	A. T. B. Of plant Ecology	V. Verma
31	KKC 031	Elements of Ecology	P. D. Sharma
32	KKC 032	Pl. Ecology& Soil Science	Shukla, Chandel
33	KKC 033	A T. B. of Plant Ecology	V. Verma
34	KKC 034	Ecology workbook	R. Misra
35	KKC 035	A T. B. of Economic Botany	Dr. V. Verma
36	KKC 036	Ecnomic Botany	J. J. Shreemali
37	KKC 037	Economic Botany	-
38	KKC 038	B.Sc. Ancillary Botany	Sivasuvbramanyan
39	KKC 039	A Class book of Botany Part I	Mustaddi, Mogarkar
40	KKC 040	Fundament of Botany	Bilgrami,Shfrivastava,Shreemali
41	KKC 041	Plant Pathology	Padoey, Mistry
42	KKC 042	Variation & Evo. In plants	Ledyard Stebbies Jr.
43	KKC 043	The meaning of Evolution	Simpson
44	KKC 044	Genetics & Origin of Species	Dobzhansky
45	KKC 045	Essentiols of Cutology	C.B. Power
46	KKC 046	Cell Bio, Gene & evo.	Kohhi,l Kanl,Shrama
47	KKC 047	Cell Bio, Gene & evo.	Kohhi,l Kanl,Shrama
48	KKC 048	Heredity	Bonner & Mills
49	KKC 049	Principles of Genetics	Gardner
50	KKC 050	Biochemistry of Pl. & Animals	Mallette Althoufre, Clagett
51	KKC 051	The Plant Kingdom	Willam H. Brown
52	KKC 052	Pirnciples of Biology	Buftaboe, Throneberry
53	KKC 053	Environment & plant Life	Daavid N. Sen
54	KKC 054	Wanasptishasrha	Nathawan, Shami,Sahani
55	KKC 055	Biological Chemistry	Fairley, Kilgoufr
56	KKC 056	Plant profection	Mehla & verma
57	KKC 057	Cell & Energy	Goldsby
58	KKC 058	Animal Behavior	Dethier &Stellar
59	KKC 059	The Botanigue	-
60	KKC 060	Morphogenesis	Bonner
61	KKC 061	The Plant Kingdom	Bold
62	KKC 062	Adaptation	Wallace & Srb
63	KKC 063	BiologyPart I	
64	KKC 064	BiologyPart I	
65	KKC 065	BiologyPart I	
66	KKC 066	BiologyPart I	

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



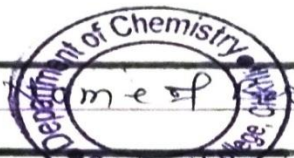
30	KKC 030	A. T. B. Of plant Ecology	V. Verma
31	KKC 031	Elements of Ecology	P. D. Sharma
32	KKC 032	Pl. Ecology& Soil Science	Shukla, Chandel
33	KKC 033	A T. B. of Plant Ecology	V. Verma
34	KKC 034	Ecology workbook	R. Misra
35	KKC 035	A T. B. of Economic Botany	Dr. V. Verma
36	KKC 036	Ecnomic Botany	J. J. Shreemali
37	KKC 037	Economic Botany	-
38	KKC 038	B.Sc. Ancillary Botany	Sivasuvbramanyan
39	KKC 039	A Class book of Botany Part I	Mustaddi, Mogarkar
40	KKC 040	Fundament of Botany	Bilgrami,Shfrivastava,Shreemali
41	KKC 041	Plant Pathology	Padoey, Mistry
42	KKC 042	Variation & Evo. In plants	Ledyard Stebbies Jr.
43	KKC 043	The meaning of Evolution	Simpson
44	KKC 044	Genetics & Origin of Species	Dobzhansky
45	KKC 045	Essentiols of Cutology	C.B. Power
46	KKC 046	Cell Bio, Gene & evo.	Kohhi,I Kanl,Shrama
47	KKC 047	Cell Bio, Gene & evo.	Kohhi,I Kanl,Shrama
48	KKC 048	Heredity	Bonner & Mills
49	KKC 049	Principles of Genetics	Gardner
50	KKC 050	Biochemistry of Pl. & Animals	Mallette Althoufre, Clagett
51	KKC 051	The Plant Kingdom	Willam H. Brown
52	KKC 052	Pirnciples of Biology	Buftaboe, Throneberry
53	KKC 053	Environment & plant Life	Daavid N. Sen
54	KKC 054	Wanasptishasrha	Nathawan, Shami,Sahani
55	KKC 055	Biological Chemistry	Fairley, Kilgoufr
56	KKC 056	Plant profection	Mehla & verma
57	KKC 057	Cell & Energy	Goldsby
58	KKC 058	Animal Behavior	Dethier &Stellar
59	KKC 059	The Botanigue	-
60	KKC 060	Morphogenesis	Bonner
61	KKC 061	The Plant Kingdom	Bold
62	KKC 062	Adaptation	Wallace & Srb
63	KKC 063	BiologyPart I	
64	KKC 064	BiologyPart I .	
65	KKC 065	BiologyPart I	
66	KKC 066	BiologyPart I	



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
**Shri Shivaji Sci. & Arts**  
**College. Chikhti, Dist. Buldana**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**


## Department of Chemistry: Departmental Library Register



Sr. No.	Name of Book	Author Name	ACC. NO.	Remarks
01	A text B. of chemistry	AUCTA	TY/01/18	
02	A text B. of chemistry	AUCTA	TY/02/18	
03	A text B. of chemistry	AUCTA	TY/03/18	
04	A text B. of chemistry	AUCTA	TY/04/18	
05	A text B. of chemistry	AUCTA	TY/05/18	
06	chemistry for degree student	Dr. R.L. Madan	SY/06/11	
07	chem for degree student	Dr. R.L. Madan	SY/07/11	
08	A text B. of chemistry	AUCTA	SY/01/17	
09	A text B. of chemistry	AUCTA	SY/02/17	
10	A text B. of chemistry	AUCTA	SY/03/17	
11	A text B. of chemistry	AUCTA	SY/04/17	
12	A text B. of chemistry	AUCTA	SY/05/18	
13	A text B. of chemistry	AUCTA	SY/06/18	
14	A text B. of pract. chem.	AUCTA	SY/08/12	
15	A text B. of pra. chem.	AUCTA	SY/07/12	
16	A text B. of chemistry	AUCTA	TY/01/16	
17	A text B. of chemistry	AUCTA	TY/02/14	
18	A text B. of chemistry	AUCTA	TY/03/18	
19	A text B. of chemistry	AUCTA	TY/04/18	
20	A text B. of chemistry	AUCTA	TY/05/18	
21	A text B. of chemistry	AUCTA	TY/06/17	
22	A text B. of chemistry	AUCTA	TY/07/13	
23	86 org. spectroscopy	Y.R. Sharma	TY/08/12	
24	Journal Sci Information	Ballerpur	July/Jan 2013	
25	org. chemistry	B.S. Bhat	BSc/07/56	
26	fundamental chemistry	M.M. Thakre	XI/10/86	
27	Phys of chemistry	Sachin Kumar	SY/09/1993	
28	Third year chemistry	Dr. Karbelkar	TY/09/1982	
29	The power house of atom	S.M. Semenov	BSc/10/1972	
30	chemistry XI	Kini & Rao	XI/11/86	

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment





Sr. No	Name of Book	Author Name	Acc No.
31	collegety. chemistry	chitley Dagg	FY/1/1977
32	Science Dictionary	J.T. Bhat	DICT/1/1978
33	collegety. Ino chem	Chitle, Dagg & Nigam	SY/10/1380
34	modern chemistry	Ratolikar & etc	XII/10/1988
35	Advanced physico-chem	J.B. Yadav	BSE/11/1978-79
36	A text Bk Tpy. chem	AUCTA	TY/10/2006
37	physical chem el	Walter J. Moore	BSE/12/1988
38	A text B. of chemistry	AUCTA	SY/11/12
39	Synthetic org. chem.	G.R. Chatwal	65/547 12/3/2012
40	Modern method of org. synth.	William Carruthers	60/547 12/3/2012
41	organic synthesis.	Nagdambar Singh & L.D.S. Yadav	61/547, 12/3/12
42	org systematic Lab Expt.	Arun Sethi	54/540, 12/3/12
43	Inorganic chem.	Gary L. Nierster	67/546, 12/3/12
44	Physical chem.	K.L. Kapoor	63/541, 12/3/12
45	Stereochem. of org. compd.	D. Nasipuri	55/547, 12/3/12
46	Reer mech. and problem in org. chem.	P. Chatopadhyay	66/547, 12/3/12
47	Expt. in Polymer sci.	D.G. Kumbhakar / V.D. Kumbhakar	68/547, 12/3/12
48	S.Y. Chem.	Dr. Karbelkar, Daitode,	5/21, 1577/83
49	Quantum chem.	Burdeep Chatwal	Chem/Dept. LK/04
50	Chromatography	B.K. Sharma	62/543, 12/3/12
51	Organic spectroscopy	Nagmohan	659/543, 12/3/12
52	Comprehensive Pract. org. chem.	B.K. Akhwar	Speciment (donate) CLK
53	<del>मानव शरीर</del>		
54			
55			
56			
57			
58			
59			
60			



*Dr. Omraj S. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chiknli, Dist. Buldana

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## Deptt. of Chemistry Book Issue Register

8  
Shri Shivaji Science & Arts College  
Chikhli, Dist. Buldana (M.S.)

Academic year 2020-2021


PAGE NO: \_\_\_\_\_

Sr No.	Name of Books Deptt. of Chemistry Shri Shivaji Science & Arts College Chikhli, Dist. Buldana (M.S.)	Name of Authors	Date of Issue	Name & Sign of Student /Staff with Mobile No.	Date of Return
①	stereochemistry	P. S. kalsi	05/09/20	A adesh Tadha <i>Aadesh</i>	06/12/20
②	organic chemistry book	Jaymohan	12/04/20	Dipali J. Jaybhaye <i>Dipali</i>	
③	Chemistry for degree students	S. chand	20/09/20	Amol M. Gawde <i>Amol</i>	
④	organic Spectroscopy	Jay Mohan	01/10/20	Pallavi A. Gadekar <i>P. Lele</i>	12/11/20
⑤	Physical chemistry	R. L. Kapoor	17/10/20	Jayashri Ade	
⑥	Synthetic organic Chemistry	S. K. Gosh	23/10/20	Kanchan Pawar <i>K. Pawar</i>	
⑦	A textbook of chemistry	Pragati Prakashan	24/10/20	Jaya pawar <i>Jaya</i>	6/01/21
⑩	Physical chemistry	Puri Sharma	04/12/20	Divya Deshmukh <i>D. Deshmukh</i>	
⑪					

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Sr No.	Name of Books	Name of Authors	Date of Issue	Name & Sign of Student /Staff with Mobile No.	Date of Return
⑪	Principles of organic chemistry	Noman & Coxon	17/12/20	Mayuri D. Bhuseri <u>Myuni</u>	
⑫	Quantum mechanics	Gurdeep Chahal	04/01/20	Pragati Saraf <u>Pragati</u>	10/01/20



  
Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikali, Dist. Buldana

184



SHRI SHIVAJI EDUCATION SOCIETY, AMRAVATI'S

**SHRI SHIVAJI SCIENCE & ARTS  
COLLEGE CHIKHLI, DIST. BULDANA MS**  
'NAAC' ACCREDITED WITH CGPA OF 2.82 – B GRADE

**Departmental Library**

**Department of Microbiology  
Shri Shivaji Science & Arts College, Chikhli,  
Dist. Buldana MS Pin 443201**

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



**Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana**  
**Department of Microbiology**  
**(List of Books, Dictionaries and Laboratory Manuals in the**  
**Departmental Library)**

S. N.	Title of Book	Author	Publisher
1	Molecular Biology of the Gene	Watson, Baker, Bell, Gann, Levin & Losick	Pearson Education (2004 Edition)
2	Molecular Cloning A Laboratory Manual	Sambrook & Rusell	
3	Immunology (4 <sup>th</sup> Edition)	Ian R. Tizard	Thomson (4 <sup>th</sup> Edition)
4	Textbook of Medical Laboratory Technology (2 <sup>nd</sup> Edition)	Praful B. Godkar & Darshan P. Godkar	Bhalani Publishing House, Mumbai
5	Microsoft Word (1 <sup>st</sup> Edition)	Eva Lauer & Gordon Tarbet	Readers Digest
6	Microsoft Excel (1 <sup>st</sup> Edition)	Kevin Wiltshire	Readers Digest
7	Introduction to LOGO (Part 2)	Asmita Bhatt	Navneet
8	Learning Computers Logo I (Book 3)	Mrs. Sadhna Sharma	Jeevandeep
9	Discovering Genomics, Proteomics and Bioinformatics	A. Malcam Cambell Laurie J. Heyer	Pearson edition (Low Price)
10	Biology (CBSE)	P. Rajkumar & Shiv Kumar	NCERT
11	Microbiology & Immunology (2 <sup>nd</sup> Edition)	Anshul Jain & Rachana Chourasia	The Arora Medical Book Publishers Pvt. Ltd.
12	Modern Approaches in Soil, Agriculture and Environmental Microbiology	Shiva Aithal & Nikhilesh Kulkarni	Himalaya Publication House
13	Food And Nutrition (1 <sup>st</sup> Edition)	Mahindra Deshpande & Dr. Nikhilesh Kulkarni	Himalaya Publication House
14	Immunology (1 <sup>st</sup> Edition)	S. S. Lal & S. Kumar	Rastogi Publication

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

15	Fermentation Technology	Tanuja Singh & S. S. Purohit	Student Edition
16	Basic Molecular Biology (1 <sup>st</sup> Edition)	Avinash Upadhyaya & Kakoli Upadhyaya	Himalaya Publication House
17	Biophysical Chemistry (Principles and Techniques) (4 <sup>th</sup> Edition)	Avinash Upadhyaya, Kakoli Upadhyaya & Nirmalendu Nath	Himalaya Publication House
18	Elements Of Biotechnology (2 <sup>nd</sup> Edition)	P. K. Gupta	Rastogi Publication
19	Practical Microbiology (1 <sup>st</sup> Edition)	R. C. Dubey & D. K. Maheshwari	S. Chand & Company
20	Practical Microbiology (3 <sup>rd</sup> Edition)	R. C. Dubey & D. K. Maheshwari	S. Chand & Company
21	Microbiology Questions and Answers (Revised 4 <sup>th</sup> Edition)	Dr. Purushottam Kaushik & Dr. Kirti Kaushik	S. Chand & Company
22	A Manual on National Leprosy eradication Programme for Doctors	Dr. Vimal Mundhada	
23	Fundamentals of Molecular Biology (1 <sup>st</sup> Edition)	Avinash Upadhyaya & Kakoli Upadhyaya	Himalaya Publication House
24	Environmental Biotechnology (1 <sup>st</sup> Edition)	S. V. S. Rana	Rastogi Publication
25	Industrial Microbiology	A. H. Patel	Macmillan Publication
26	General Enzymology (1 <sup>st</sup> Edition)	Dr. N. S. Kulkarni & M. S. Deshpande	Himalaya Publication House
27	An Introduction to Industrial Microbiology	Dr. P. K. Shivkumar Dr. M. M. Joe Dr. K. Sukesh	S. Chand & Company
28	Fundamentals of Biochemistry	J. L. Jain	S. Chand & Company
29	Elementary Microbiology Volume II	Dr. A. H. Modi	Ekta Prakashan
30	YCMOU Work Book for B. Sc. M. L. T.	Ms. Rupali Zanwar Ms. Bhatkar	
31	Medical Virology (2 <sup>nd</sup> Edition)	Frank J. Fenner David O. White	Academic Press
32	Khadya Apmishran Parikshan aur Roktham	Sunil Jain	Yuva Vigyan Parishad, Madhyapradesh

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



33	Glossary in Biotechnology and Genetic Engineering and Biographies of Related Scientists handbook (1 <sup>st</sup> Edition)	Shiva Aithal & Nikhilesh Kulkarni	Himalaya Publication House
34	Biology (1 <sup>st</sup> Edition)	S. D. Bhagwat, Dr. H. D. Sane, Dr. M. A. Pendase, Dr. A. B. Pendharkar, A. D. Marathe & Mrs. C. P. Soman	Narendra Prakashan
35	Cloning (1 <sup>st</sup> Edition)	P. D. Gupta	National Institute of Science Communication
36	Fundamentals of Biostatistics	Satguru Prakash	Emkay Publication
37	Complete Home Gardening	S. C. Dey	Agrobios
38	Indoor Gardening	S. C. Dey	Agrobios
39	Biological Science (1 <sup>st</sup> Edition)	C. B. Powar, R. A. Kabra, V. J. Lora, Y. V. Rishi, A. C. Agnihotri, B. G. Chikate & V. N. Kumar	Standard Publication
40	Microbiology, Cell Physiology and Biotechnology	P. K. Gupta	Rastogi Publication
41	Climate Change and Biodiversity	Dr. N. B. Bhusari	Chandralok Prakashan
42	We can Detect, Treat, Cure Leprosy	Dr. V. V. Dongare Dr. S. R. Salunkhe	Leap Publication
43	Wellness	Dr. A. Velumani	Thyrocare Publication
44	The New Invention of the Moon	Yashvantrao Mehekarey	
45	Bieterminolgy (1 <sup>st</sup> Edition)	Jeffrey R. Mazreo	Biopharm Publication
46	Genetics (4 <sup>th</sup> Edition)	P. K. Gupta	Rastogi Publication
47	Nutritive Value of Foods		Abbott Nutrition
48	Catalogue of Strains (3 <sup>rd</sup> Edition)	Dr. S. Sivram	NCL Publication
49	Genetics (4 <sup>th</sup> Edition)	P. K. Gupta	Rastogi Publication
50	Molecular Biology &	P. K. Gupta	Rastogi Publication

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



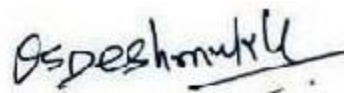
	Genetic Engineering		
51	A Textbook of Microbiology (1 <sup>st</sup> Edition)	R. C. Dubey & D. K. Maheshwari	S. Chand & Company
52	Medical Microbiology A Clinical Perspective (1 <sup>st</sup> Edition)	J. B. Sharma	Paras Publication
53	Methods in Microbiology	J. D. Desai & Anjana J. Desai	Prashant Publisher
54	National Collection of Industrial Microorganisms (1 <sup>st</sup> Edition)	Dr. B. D. Tilak	NCL Publication
55	Textbook of Immunology	Dr. B. S. Nagoba & D. V. Vedpathak	Paras Publication
56	Microbiology	Dr. M. G. Bodhankar, Trupti Bapat & Nivedita S. Joshi	Phadke Prakashan
57	Post Graduate Microbiology & Biotechnology Entrance test review book	Dr. M. N. Reddy, Dr. Gopal Reddy, Dr. D. V. R. Sai Goapl & Dr. K. V. Mallaiah	Himalaya Publication House
58	Microbiology & Parasitology (5 <sup>th</sup> Revised Edition)		Student Store Publication
59	Unified Practical Microbiology and Biotechnology	K.W. Shah & Hemant Giri	Student Edition
60	Experimental Microbiology Vol. I	R. J. Patel & K. R. Patel	Aditya Publication
61	Experimental Microbiology Vol. II	R. J. Patel & K. R. Patel	Aditya Publication
62	Microbiology	Bodhankar, Trupti Bapat, Patil & Mali	Phadke Prakashan
63	Microbiology	P. D. Sharma	Rastogi Publication
64	Biotechniques Theory and Practicals	S. V. S. Rana	Rastogi Publication
65	Bioinformatics	Sharma, Munjal & Shankar	Rastogi Publication
66	Essentials of Biotechnology	U. K. Patil & Kalyani Muskan	I. K. International Publishing House

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

67	Immunology	B. S. Nagoba & D. V. Vedpathak	B. I. Publication
68	B. Sc. I Microbiology	Bodhankar & Trupti Bapat,	Phadke Prakashan
69	GECT	R. S. Bhutada	Abhinav Computers
70	Microbiology	Bodhankar, Trupti Bapat, Patil & Mali	Phadke Prakashan
71	Textbook of Microbiology	Dr. Pradeep Parihar	Student Edition
72	Dairy Microbiology	Dr. Pradeep Parihar & Leena Parihar	Student Edition
73	Food Microbiology	Bohra & Parihar	Student Edition
74	Immunology & Serology	K. R. Joshi & N. O. Osamo	Student Edition
75	Introduction to Computers	M. A. Mali	Bajaj Publication
76	A Beginners Dictionary of Microbiology	Rakesh J. Patel & Kiran R. Patel	Aditya Publication
77	Dictionary	K. B. Virakr	Anmol Prakashan
78	Pharmacy Dictionary		Pragati Books Pvt. Ltd.



Head  
Dept. of Microbiology  
Shri Shivaji Science & Arts College  
Chikhli, Dist. Buldana

Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## Department of Zoology

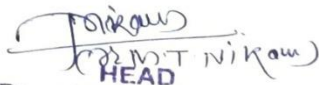
List of Books Donated by Alumni

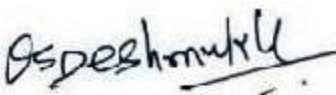
Dr. Vijayshree Hemke

Sr. No.	Title	Author	Price in Rs
1	TB of Microbiology	Anantnarayan Panikar	695
2	Biochemistry	Satyanarayan & Chakrpani	680
3	Gate	Prabhanshu Kumar	390
4	Principals & Techniques of Biochemistry & Molecular Biology	Keith Wilson 7John Walker	595
5	Parasitology	K D Chattergee	360
6	MPSC STI,PSI,ASST	Eknath Patil	430
7	Life Sciences Chemistry	Prabhanshu Kumar	260
8	Biology	Sahasrabuddhe	200
9	Life Sciences Microbiology	Prabhanshu Kumar	240

Sr. No.	Title	Author	Donated by
1	TB of Zoology Sem-I	Dr. S. V Deshmukh	Akshay Jadhao



  
**HEAD**  
 Department of Zoology  
 Shri Shivaji Sci. & Arts College  
 Chikhli, Dist. Buldana 443201

  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## **Internal Assessment**

**Seminar (Sample-2020-21)**

**Project (Sample-2020-21)**

**Unit-Test (Sample-2020-21)**

**Internal Assessment Marks**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## Internal Assessment System of University

### Appendix-G

The internal assessment marks assigned to each theory paper as mentioned in Appendix-A to F shall be awarded on the basis of assignment, class test, attendance, project assignments, Seminar, Study tour, Industrial visit, Visit to educational institutions and research organization, field work, group discussion or any other innovative practice/activity. The marking scheme for each of the practice/activity shall be as under :-

Sr. No.	Semester	Practice /Activity	Details of marking scheme	Total marks for		
				Languages	Mathe-matics	Other Science Subjects
1	2	3	4	5	6	7
1	Semester -I & II	Assignment	Two assignments per theory paper	04	05	08
2	Semester-I & II	Class Test	Two class test (on passing test)	06	10	12
Total marks for Sem-I /II				10	15	20
3	Sem-III, IV, V & VI	Project Assignment	On latest developments in the subject in 100-200 words	—	03	04
4	Sem-III, IV, V & VI	Class Test	Two class test (on passing test)	—	08	10

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

18

1	2	3	4	5	6	7
5	Sem-III, IV, V & VI	Seminar, Study tour, Industrial visit, Visit to educational institutions, research organization, field work, group discussion or any other innovative practice/ activity.	Any one of the activity with report of the activity.	—	04	06
Total marks of Sem-III/ IV/V/ VI				—	15	20



*Dr. Omraj S. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikoli, Dist. Buldana

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



## **Seminar**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

34

Seminar



॥ ज्ञानम् परम् ध्येयम् ॥

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHALI**  
**Dist. Buldana**

Internal Assessment - Assignment / Project Report / Seminar

Name of the Student Ku. Gauri Rajendra Bholane

Class B.Sc. II (Sem. IV)

Academic Session : 20 21 - 20 22

Marks Obtained : 06 / 06

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment





॥ शिवम् पश्यन् ध्येयम् ॥

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHALI**  
Dist. Buldana

**CERTIFICATE**

Name of Department: Zoology

Academic Session: 20 21 - 20 22

This is to certify that this Assignment/Project Report/Practical Book, Contains the Bonafide Record of Shri/Kumari/Shrimati Gauri Rajendra Bholane of B.Sc. II (Semester IV) during the academic Session 20 21 - 20 22. The Topic of the assignment / Project Report is Aquatic Ecosystem

Dated 30 / 03 / 20 22

**Signature of the Teacher**

who guide / taught the Examinee.

1. [Signature]

2. Dr. Mrs. V. M. Hemke  
Asstt. Prof. in Zoology  
Shri Shivaji Sci. & Arts College  
Chikhali, Dist. Buldana

[Signature]  
**HEAD**

Department of Zoology  
Shri Shivaji Sci. and Arts College  
Chikhali Distt. Buldana 443201  
**Head of the Dept.**

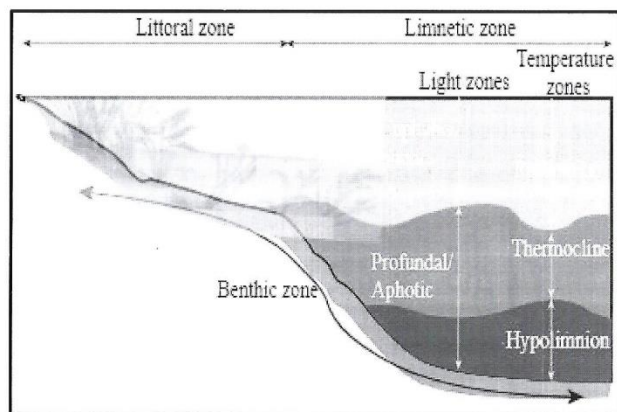
Note : In absence of certificate for Assignment / Project Report / Practical Book examine shall not be allowed to appear for the examination.



**Aquatic Ecosystem**  
**Gauri Rajendra Bholane**  
**B.Sc. II Sem. IV**  
**Department of Zoology**  
***SHRI SHIVAJI SCIENCE & ARTS***  
***COLLEGE CHIKHLI***

**Fresh Water Ecosystem**

- Freshwater ecosystems are a subset of Earth's aquatic ecosystems.
- Freshwater ecosystems contain 41% of the world's known fish species.
- Include ponds, lakes, streams, rivers, and wetlands.



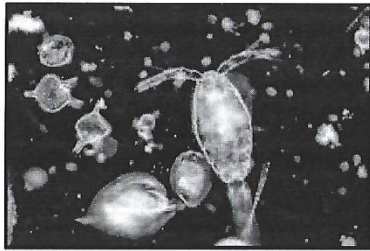
**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

- Can be classified by different factors, including temperature, light penetration, nutrients, and vegetation.
- There are three basic types of freshwater ecosystems:
  - Lentic
  - Lotic
  - Wetlands

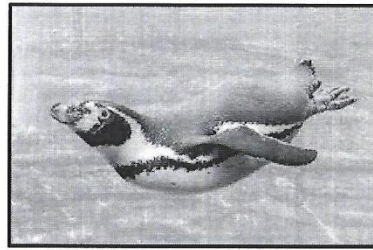
## **Lentic Ecosystem**

- Includes biotic (living) plants, animals and micro-organisms, as well as abiotic (non-living) physical and chemical interaction
- Divided into both horizontal and vertical zones based upon light penetration, temperature and chemical characteristics.

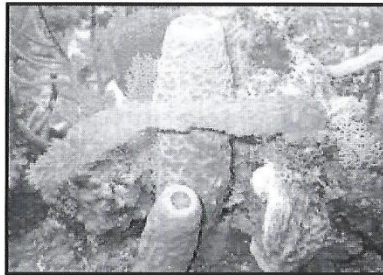
Marine life is classified into three groups:



**Plankton** (The Drifters)



**Nekton**  
(The active swimmers)



**Benthos** (The bottom dwellers)

# Thank you!



## Project Sample Pages

Project



॥ ज्ञानम् परम् ध्येयम् ॥

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHALI**  
Dist. Buldana

Internal Assessment - Assignment / Project Report / Seminar

Name of the Student Ku. Gauri Rajendra Bholone

Class B.Sc. II (Sem. IV)

Academic Session : 20 21....., - 20 22.....

Marks Obtained : 04 / 04

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



॥ ज्ञानम् परम् ध्येयम् ॥

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHALI**  
Dist. Buldana

**CERTIFICATE**

Name of Department: Zoology

Academic Session: 20 21 - 20 22

This is to certify that this Assignment/Project Report/Practical Book, Contains the Bonafide Record of Shri/Kumari/Shrimati Gauri Rajendra Bholame of B.Sc. II (Semester IV) during the academic Session 20 21 - 20 22.

The Topic of the assignment/ Project Report is Silkworm: Types  
and Life Cycle

Dated 13 / 04 / 20 22

**Signature of the Teacher**

who guide/ taught the Examinee.

1. [Signature]

2. Dr. Mrs. V. M. Hemke  
Asstt. Prof. in Zoology  
Shri Shivaji Sci. & Arts College  
Chikhli, Dist. Buldana

[Signature]

Head of the Dept.

**HEAD**  
Department of Zoology  
Shri Shivaji Sci. and Arts College  
Chikhli Dist. Buldana 443201

Note: In absence of certificate for Assignment / Project Report / Practical Book examinee shall not be allowed to appear for the examination.

**Project Title**

**Silkworm : Types and Life Cycle**

**Submitted by**

**Ku. Rutuja Vijay Dalal**

**Ku. Aishwarya Rameshwar Raut**

**Ku. Gauri Rajendra Bholane**

**To**

**Department of Zoology**

**Shri Shivaji Science and Arts College Chikhli**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## INTRODUCTION

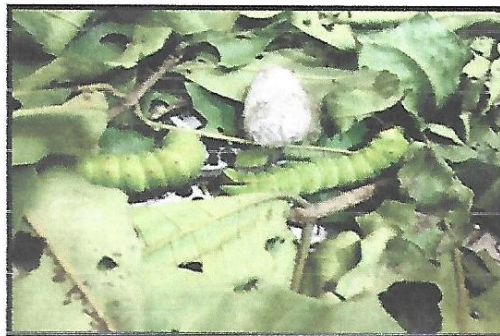
Sericulture is the science that deals with the production of silk by rearing of silkworm. Silk originating in the spittle of an insect is a natural fibrous substance and is obtained from pupal nests or cocoons spun by larvae known as silkworm. The silk is preferred over all other types of fibres due to its remarkable properties like water absorbency, heat resistance, dyeing efficiency, and luster. Factors mainly influence the physiology of insects are temperature and humidity.

Silkworm is one of the most important domesticated insects, which produces luxuriant silk thread in the form of cocoon by consuming mulberry leaves during larval period. The growth and development of silkworm is greatly influenced by environmental conditions. Throughout this process, the silkworms are looked after & are fed leaves from specific plants (usually Mulberry plants). Rearers must ensure the Silkworms get plenty of food during their larval growth to ensure complete metamorphosis. Thus, sericulture includes cultivating & maintaining these food plants as well (Moriculture). But then again there are some kinds of silk whose threads are produced by wild or semi-wild silkworms. They feed on leaves of trees like som & oak in open forests. Once the silkworms have completed their larval cycles they turn into pupae, similar to chrysalis in butterflies, after wrapping themselves up with fine threads in a cocoon. The rearers harvest the cocoons once the pupae reaches its maturity phase (before they emerge as moths). The harvesting process is called rearing.

of spider silk genes produce silk that is stronger, tougher, and more elastic than that produced by domesticated silkworms.

## **2. *Antheraea mylitta* (Tasar Silk)**

*Antheraea paphia*, known as the South India small tussore, the tasar silkworm and vanya silkworm is a species of moth of the family Saturniidae found in India and Sri Lanka. The bulk of the literature on this species uses a junior synonym, *Antheraea*



*mylitta*, rather than the correct name, *A. paphia*. It is one of a number of tasar silkworms, species that produce Tussar silk, a kind of wild silk that is made from the products of saturniid silkworms instead of the domesticated silkworm (*Bombyx mori*). The male is reddish or yellowish. Costal brown and grey fascia of forewings reaching the apex. Females may be pinkish-brown or bright-yellowish fawn; their hyaline and ocellated spots are larger than the males. Larvae are green colored with paired dorsal series of yellow humps. The cocoon is brownish grey, hard, and oval, attached to the host plant by a silken peduncle. Larvae of this species feed mainly on *Terminalia* trees (e.g. *Terminalia tomentosa*, *T. arjuna*) and on *Shorea robusta*. Tussar silk from this and related species of wild silkworms is a different color from domesticated silkworm silk, and it is coarser and stronger, making it more favorable in some applications.



### 3. *Antheraea assamensis* (Muga Silk)

*Antheraea assamensis*, known as the muga silkworm as a larva and Assam silk moth as an adult, is a moth of the family Saturniidae. It is found in Assam in northeast India where 99% of its production occurs. The Muga silk worm is multivoltine and passes through four moults and five instar stages. Generally 4-5 crops are raised in a year. Muga silkworm is a polyphagous insect. It feeds on the leaves of several kinds of trees, but *Machilus bombycina* (Vern. som) and *Litsaea polyantha* (Vern. soalu) are the two principal host food plants of muga silkworm. The host plants are cultivated through propagation by seeds or vegetatively by air layering. The plants are trained and pruned regularly. Like other Lepidopterans, muga silkworm is a holometabolous insect passing through a complete metamorphosis from egg (Koni) to adult (Chakari) stage through two intermediate stages of larva (Polu) and Pupa (Leta). The entire life cycle lasts for about 50 days in summer and 120 days in winter. The wings and body of the male moth are copper brown to dark brown, while those of female, yellowish to brown. Both pair of wings bears eye spots. Besides colouration, the male moth can be distinguished from the female by its slightly smaller size, slender abdomen, bushy antennae and sharply curved forewing tips. It is a semi-domesticated species in the sense that only the larval stage is spent in open, and the ripening worms are brought indoors for spinning the cocoons.





#### 4. *Philosamia ricini* (Eri Silk)

Eri silkworm, *Philosamia ricini* is multivoltine and their cocoons are open mouthed. The Eri silkworm *Philosamia ricini*, is also known as Endi or Errandi and it belonging to family saturniidae. It is one of the commercially exploited silkworm species and can be reared indoors



throughout the year to produce silk. The silk produced by *Philosamia ricini* is called Eri silk. Eri silkworm is a polyphagous insect and feeds on the leaves of several food plant viz, Castor , Tapioca , Wild castor , Papaya , Barkesseru , Kesseru. Although, Eri silkworm is known to feed on the leaves of more than 30 host plant species but among them Castor is considered as the principal host plant. The Ricini moth has a brown wing colour in different shades of brown and has a beautiful black stripe along the wings. They also have yellow spot and lines on the wings. At the tip of the wings is a small eye spot meant to distract predators. The body of the moth is white with brown stripes. The male moth smaller than the female moth and bear bushy antennae and smaller abdomen. The moths are nocturnal in habit.

## Life Cycle of Mulberry-Silk Moth (*Bombyx mori*)



The moths *Bombyx mori* are pale, cream or ashy white in colour. They are about 2.5-3 cm. long, robust and covered with small hairs. The body is well divided into head, thorax and abdomen. The head being big in size with well-marked big compound eyes and a pair of plumose antennae. Thorax is strong muscular three-segmented structure provided with spiracles 2 pair of wings and three pair of legs. The wings are about 4-6 cm.

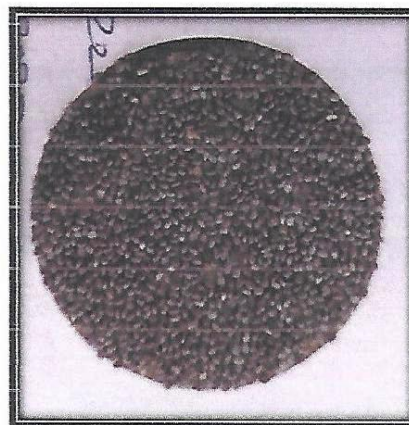
When expanded fully but the muscles associated with it are not strong. So they cannot fly for long, instead they walk. The wings are well ornamented with dark and faint brown demarkatism bands. The abdomen is covered with scales and is highly extended in females whereas narrow, slender and cylindrical in males. They mate only few hours after their birth and start laying eggs. The sexes are separate and sexual dimorphism is clean. The males are smaller and tender whereas the females are bigger and stout. Both the sexes do not feed. The females have life



span of 2-3 days whereas males have even less days to live and sometimes die during copulation. The copulation takes about 3-4 hours. Once copulated the female can lay eggs, all fertilized, till she dies, There is no need for further copulation.

### **Eggs and Oviposition of Mulberry-Silk Moth (*Bombyx mori*)**

The female moth lays about 350-550 eggs at a time, just after fertilization. The eggs are minute, rounded and laid in clusters on the upper surface of the leaves. These eggs are well protected by means of gelatinous glue, which makes them to stick with the substratum. The newly laid eggs can be recognized by means of their pale yellow or cream coloured, unornamented structure but soon after



their oviposition, as they come in contact with fresh air they become dry and hard and their colour is changed from pale yellow to dark brown or black. This is a symptom that they are fertilized eggs. The viability of the egg depends upon the duration of copulation and number of eggs laid by the female. In the same way the number of eggs laid depends upon the health of the female moth. The adult female does not eat so the number of eggs laid depends directly on the larval health which later on develops as the female. In case the female is feeble and sick she will lay only few eggs which may have low percentages of hatchability as against the well fed and healthy female moth.

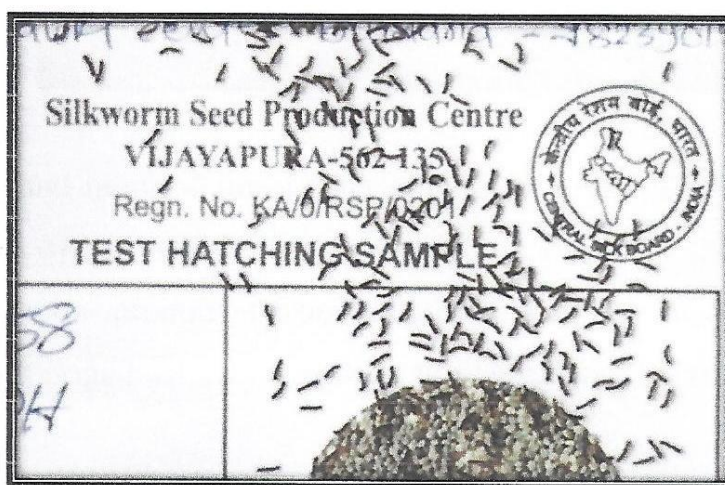
The eggs are very susceptible to temperature, light and humidity. In optimum temperature of 65°F-75°F they hatch within a period of 7-10 days provided they are well ventilated and in open shady place otherwise the period of hatching



increases. In extreme adverse atmospheric conditions they take more than 10 days and are in dormant stages. Period of incubation also depends upon the genetic condition of the female, in case the moth completes only one brood a year. The incubation period is increased but in case of *B. mori* the incubation days are not more.

## Larvae

The newly emerged larvae are minute, slender, tender, pale yellow or cream coloured with dark brown head and biting and chewing type of mouthparts. They move rapidly in search of food and are voracious feeder. They



grow rapidly in size and eat continuously. A break in the food supply directly means the death of larva and loss in production of silk. The amount of silk produced is directly proportional to the feeding of larva. Healthier the larvae maximum is the output. The newly hatched larvae are about 3 mm. in length which move very fast but the full grown larva is about 6-7 cm. dark, dull coloured and thick like thumb. The body well segmented and marked with beautiful spots like other Lepidoptera larvae it also bears pseudo legs and moves in search of fresh leaves.

The tender newly hatched larvae prefer newly formed leaves whereas the old and well-developed larvae can eat any old or new leaf. Total larval period varies according to the climatic conditions like humidity, temperature and photoperiod but in case all the above cause are favourable they take about 21-35



days for their full development and moult 4 times each after an interval of 6-7 days. The last instar larva looks robust with a horn on the dorsal side in the posterior region which becomes more prominent when disturbed. The last instar larva possesses a pair of well-developed salivary gland on the lateral side of the body, which opens in the mouth.

The fully formed 5<sup>th</sup> instar larva undergoes some physiological changes and becomes restless. It is done due to certain intrinsic hormonal reasons. Now the larva stops feeding and migrates on one



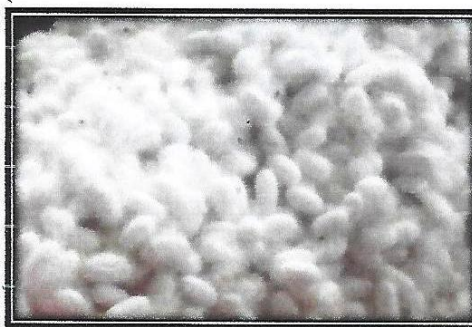
side. It prefers dark shady places particularly the corners or the points, which are at an angle. It moves its head in whirling position. It constantly and rapidly rotates its head at its axis and in the meantime the saliva comes out through a small pore known as spinneret. The spinneret is located on the tip of hypo-pharynx in the



mouth. There is a continuous flow of saliva through this pore which when exposed to fresh air becomes dry and hard and is known as silk. This silk is wrapped round the body almost at an average speed of one round per second. This is done for a period of 2-3 days and the larva is enveloped in a case made up of thread which look like a reel larva of the silken thread.

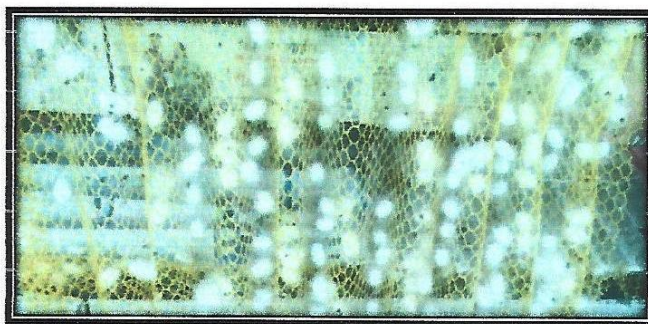
## Cocoon

In these two-three days the larva remains without food and is actively engaged in spinning the silk. This reel of thread is called cocoon which provided a soft bed for the larva to pupate. The thread on the outer side of the cocoon is generally mixed and unarranged



while the thread in the lower strata pure without any contamination and is arranged in an organized manner.

The total length of the thread spun by a larva varies from 1000-1500 meter which measures about 0.3-0.5 gm. The colour of cocoon depends upon the species of the moth and the leaf they are fed



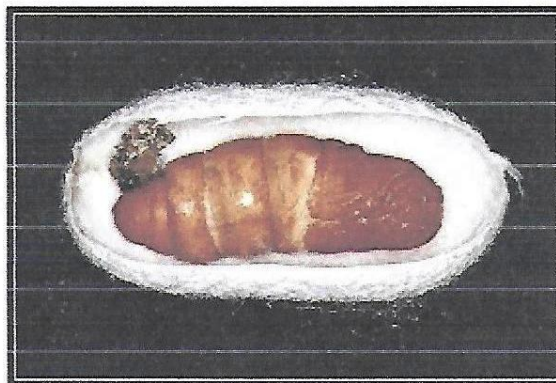
with. It ranges from pure white, cream to pale yellow and dirty white or dirty yellow and thickness of the thread also depends upon the species of the moth.

Thus total cocoon formation takes about 3-4 days and then the larva is changed into pupa.



## Pupa

Once the cocoon formation is over, the larvae moult inside and transform into pupae. This is known as pupation. Pupal stage is also called as resting or inactive stage in the life cycle of silkworm. Actually it is a transitional stage during which some changes take place in the body of mature larvae (ripe worms).



Before transforming into proper pupa, the mature larvae pass through a pre-pupal stage during which dissolution (histolysis) of many larval organs like silk gland, moulting gland, abdominal appendages take place.

Pupal period ranges from 6-12 days after which the adult moth comes out. It cuts open the thread and emerges out, sits on the cocoon, spreads its wings and then is ready for copulation. The adult produces certain alkaline fluid which softens the thread and the moth pushes out of cocoon.

Total life cycle is completed in about 35-50 days.


## Moth

The moth – the adult phase of the lifecycle – is not capable of functional flight, in contrast to the wild *B. mandarina* and other *Bombyx* species, whose males fly to meet females and for evasion from predators. Some may emerge with the ability to lift off and stay airborne, but sustained flight cannot



be achieved. This is because their bodies are too big and heavy for their small wings. Silk moths have a wingspan of 3–5 cm (1.2–2.0 in) and a white, hairy body. Females are about two to three times bulkier than males (for they are carrying many eggs), but are similarly colored. Adult Bombycidae have reduced mouthparts and do not feed.



  
**Dr. Omraj S. Deshmukh**  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## **Unit-Test**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## Question Paper Unit-Test (Electronics)

Shri Shivaji Science and Art's College Chikhli Dist. Buldana

Unit Test 2017-18

B.Sc.II Electronics (Sem.IV)

Time:1 Hour

Electronic Devices & Circuits

Max. Marks:30

Note: Draw neat sketches wherever necessary.

Q1. A) Choose the proper word. (3M)

- 1) 8085 up have \_\_\_\_\_ addressing mode.  
a) 2    b) 3    c) 5    d) 7
- 2) Register flag is \_\_\_\_\_ bit register  
a) 4    b) 8    c) 16    d) 32
- 3) The Bandwidth of FM is \_\_\_\_\_  
a) 10KHz    b) 200KHz    c) 1KHz    d) 10MHz
- 4) The side Bands in AM are \_\_\_\_\_  
a) 2    b) 4    c) 3    d) 5
- 5) Inner core of optical fiber consist of \_\_\_\_\_  
a) Carbon    b) Aluminum    c) Copper    d) Silica
- 6) Current flow through fiber is in the form of \_\_\_\_\_  
a) Electrons    b) Photons    c) Protons    d) none

B) Fill in the blanks (3M)

- i) 8085 up is \_\_\_\_\_ microprocessor.
- ii) LDA 1050 H Means \_\_\_\_\_
- iii) The Bandwidth of AM is \_\_\_\_\_
- iv) The power in AM,  $P_t$  = \_\_\_\_\_
- v) LASER stands for \_\_\_\_\_
- vi) Name any one optical source \_\_\_\_\_

C) Write the answers in single sentence only. (4M)

- 1) What is mean of flow chart?.
- 2) What is Modulation ?
- 3) What is SP register?
- 4) What is AM?
- 5) What is coupler?
- 6) Name any two optical detectors?

Q2

Either

- a) Draw the block diagram of 8085 up? (4M)
- b) What is PSW & Explain? (2M)
- c) What are the different types Buses in 8085 up? (1M)

OR

- p) What are program counter & stack pointer? (2M)
- q) State the function of following instructions? (2M)
- i) MOV B,A    ii) ADD B (3M)
- r) Define

(i) Fetch cycle (ii) Execute cycle (iii) Machine cycle.

Q3

Either

- a) Explain the Need of Modulation ? (3M)
- b) Explain the analysis of AM? (4M)

OR

- p) Explain the theory of FM ? (4M)
- q) State the difference between AM & FM? (3M)

Q4

Either

- a) Explain block diagram of optical fiber? (4M)
- b) Explain losses of fiber? (3M)

OR

- p) Explain construction and working of semiconductor LASER (4M)
- q) Explain internal losses? (3M)

## Answer Paper Unit-Test (Electronics)

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHLI**

CLASS TEST / COMMON TEST

Name Shirshankar punjaji Kanhe

Roll No. 34

In word Thirty-four

Class BSC II<sup>nd</sup> (maths)

Subject Electronics

Date 26/02/18

Marks obtained 29/30

Signature of Invigilator

Signature of Examiner

Q. 1 A]		
①	5	-
②	16	-
③	500 Hz	-
④	2	-
⑤	d) silica	$2\frac{1}{2}$
⑥	Photons	-
B]		
i)	Addressing mode	-
ii)		
iii)	Amplitude modulation	-
iv)		
v)	Light amplification by stimulated emission of radiation	-
vi)	LED	-

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



c]

① The purpose Flowchart is to provide people with a common language or reference point when dealing with a project or process called as Flowchart.

② The process in which some characteristics is either amplitude or frequency or phase of high frequency signal varies in accordance with instantaneous value of modulating signal called as modulation.

③ couplers are the devices which couples or transfer some amount of data passing through one optic fibre cable to another. The coupling ratio is defined as the ratio of o/p optical power to i/p power.

④ A stack pointer is a small register that store the address of the last program request in the stack is called sp register.

⑤ AM is known form Amplitude modulation AM is in a lower quality when compared FM is called AM.



c)

→ Buses in 8085 microprocessor :

① Address Bus

This bus performs the function of identifying a peripherals or memory location. It is unidirectional bus i.e. bits, flows in only one direction from microprocessor to peripheral devices. In  $\mu p$  system peripherals or memory location is identified with a binary number this is known as address bus and no. of lines in the bus decides the no. of bits in an address.

② Data Bus

This bus performs the function of transferring data from  $\mu p$  to peripheral devices & vice versa. Hence, data bus is bidirectional bus. The data bus influences the  $\mu p$  architecture to a large extent it determines the word length & register size of the microprocessor.

The 8-bit  $\mu p$  has usually 8 data lines.

③ Control Bus

3 This bus performs the function of providing timing signals. This bus is made up of various signal lines that carry synchronizing signals. In addition to it control lines are also in addition to it. Control lines that carry, are used to identify a device type with which the  $\mu p$  intends to communicate. All  $\mu p$  have simple arithmetic facility. Only few have hardware multiplication & division. The  $\mu p$  programs are stored in ROM of the  $\mu p$  itself.

Q. 3

a)

The modulation is necessary for RF transmission due to following reason.

- ① If all stations broadcast simultaneously at same audio frequency i.e. 20 Hz to 20 KHz, they cannot distinguish from one another & hence only jumbled message will be received.
- ② At lower frequency the arrangement of antenna is practically impossible only at higher frequency antenna can be designed.
- ③ High frequency wave do not get attenuated very fast in space & are able to travel over a long distance.
- ④ Due to high frequency the wave has high energy.

b)

Let the modulating signal is represented by

$$E_m = E_m \sin \omega_m t \quad \text{--- (1)}$$

Similarly carrier signal is represented by

$$E_c = E_c \sin \omega_c t \quad \text{--- (2)}$$

After AM, the amplitude of carrier signal changes with respect to modulating signal. Hence the amplitude of modulating signal  $E_{AM}$  is given by

$$E_{AM} = (E_c + k_a \cdot E_m) \sin \omega_c t \quad \text{--- (3)}$$

Where  $k_a \rightarrow$  modulation constant

$$E_{AM} = (E_c + k_a \cdot E_m \sin \omega_m t) \sin \omega_c t \quad \text{--- (4)}$$

When  $\sin \omega_m t = 1$  then amplitude becomes maximum & given by

$$E_{max} = (E_c + k_a \cdot E_m) \quad \text{--- (5)}$$

Similarly, when  $\sin \omega_m t = -1$  then amplitude become minimum & given by



Hence, change in amplitude of carrier is given by

$$\Delta E_c = E_{\max} - E_{\min} = k_a \cdot E_m \quad \text{--- (7)}$$

Hence, eqn (4) becomes

$$\Rightarrow e_{AM} = (E_c + \Delta E_c \sin \omega_m t) \cdot \sin \omega_c t$$

$$e_{AM} = E_c \left( 1 + \frac{\Delta E_c}{E_c} \sin \omega_m t \right) \sin \omega_c t \quad \text{--- (8)}$$

$$\text{but } \frac{\Delta E_c}{E_c} = m_a$$

Hence eqn (8) becomes

$$\Rightarrow e_{AM} = (E_c (1 + m_a \sin \omega_m t) \sin \omega_c t)$$

$$= E_c \sin \omega_c t + m_a \cdot E_c \sin \omega_m t \sin \omega_c t$$

$$= E_c \sin \omega_c t + \frac{m_a \cdot E_c}{2} \cos (\omega_c - \omega_m) t$$

$$- \frac{m_a \cdot E_c}{2} \cos (\omega_c + \omega_m) t$$

--- (9)

eqn (9) indicates the required equation of amplitude modulated wave which consist of

- ① original carrier signal called as unmodulated carrier,
- ② lower side band signal.
- ③ upper side band signal.

4

Thus the amplitude modulated wave has three frequency components i.e.  $\omega_c$  ( $\omega_c - \omega_m$ ), ( $\omega_c + \omega_m$ )



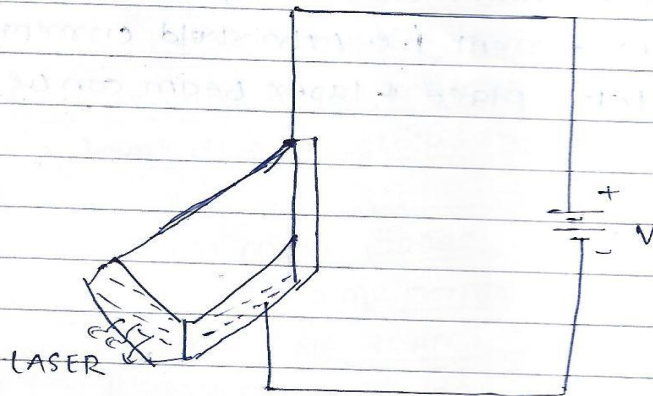
## Block diagram of a laser

p)

Construction:

Semiconductor consist of semiconducting materials i.e. p-type & n-type material. Semiconductor in which no impurities are used also called as intrinsic semiconductor. The PN junction made up of silicon, arsenide material as shown in fig.

Circuit diagram:



Working:

4 The injection LASER are form by joining p-type & n-type semiconductor materials. When pn-junction is forward bias then current starts flowing means that electrons starts moving from n-side to p-side & holes from p-side to n-side. Now, similar to LED recombination of electrons & holes are takes place it means that electrons & holes are takes place it means that electron falls from conduction band to valence band to valence band during this process it emits photons this photon create resonant beam this resonant beam is called as laser beam.

Hence, change in amplitude of carrier is given by

$$\Delta E_c = E_{\max} - E_{\min} = k_a \cdot E_m \quad \text{--- (7)}$$

Hence, eqn (4) becomes

$$\Rightarrow e_{AM} = (E_c + \Delta E_c \sin \omega_m t) \cdot \sin \omega_c t$$

$$e_{AM} = E_c \left( 1 + \frac{\Delta E_c}{E_c} \sin \omega_m t \right) \sin \omega_c t \quad \text{--- (8)}$$

$$\text{but } \frac{\Delta E_c}{E_c} = m_a$$

Hence eqn (8) becomes

$$\Rightarrow e_{AM} = (E_c (1 + m_a \sin \omega_m t) \sin \omega_c t)$$

$$= E_c \sin \omega_c t + m_a \cdot E_c \sin \omega_m t \sin \omega_c t$$

$$= E_c \sin \omega_c t + \frac{m_a \cdot E_c}{2} \cos (\omega_c - \omega_m) t$$

$$- \frac{m_a \cdot E_c}{2} \cos (\omega_c + \omega_m) t$$

--- (9)

eqn (9) indicates the required equation of amplitude modulated wave which consist of

- ① original carrier signal called as unmodulated carrier,
- ② lower side band signal.
- ③ upper side band signal.

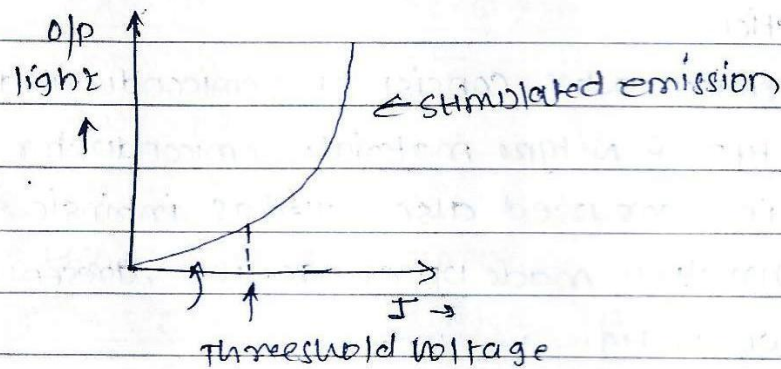
4

Thus the amplitude modulated wave has three frequency components i.e.  $\omega_c$  ( $\omega_c - \omega_m$ ), ( $\omega_c + \omega_m$ )



## V-I characteristics

When we study the voltage current characteristics of a laser diode, we plot the graph between forward current & output light as shown in the graph.



When forward current is low then radiation light from these surface is due to spontaneous emission process but when it reaches upto sufficient current i.e. (threshold current) the stimulated emission takes place & laser beam can be generated.



Name Shivshankar Punjaji KanheRoll No. 34Class 13SC 11thSubject ElectronicsDate 26/02/18

Paper \_\_\_\_\_

Marks obtained \_\_\_\_\_

Signature of Examiner \_\_\_\_\_

Signature of Invigilator \_\_\_\_\_

9)

Internal Losses

These losses are occurred internally in optical fiber. These losses are due to attenuation or strength of fibre optic cable. There are various of internal losses

① Absorption losses

In absorption losses are take place due to presence of impurity in the material. This is a defect at manufacturing level due to which light may be absorb by the material.

② Beaky mode losses

In some components incident light or ray is more than critical angle then it will create refraction this mode of losses is known as beaky-mode losses.

③ Mode coupling losses

If some impurities are present in the gas then propagating mode of optical fibre may contain in to beaky mode. Similarly if there are very core diameter or some imperfection are present in core layer then this type of losses are created.

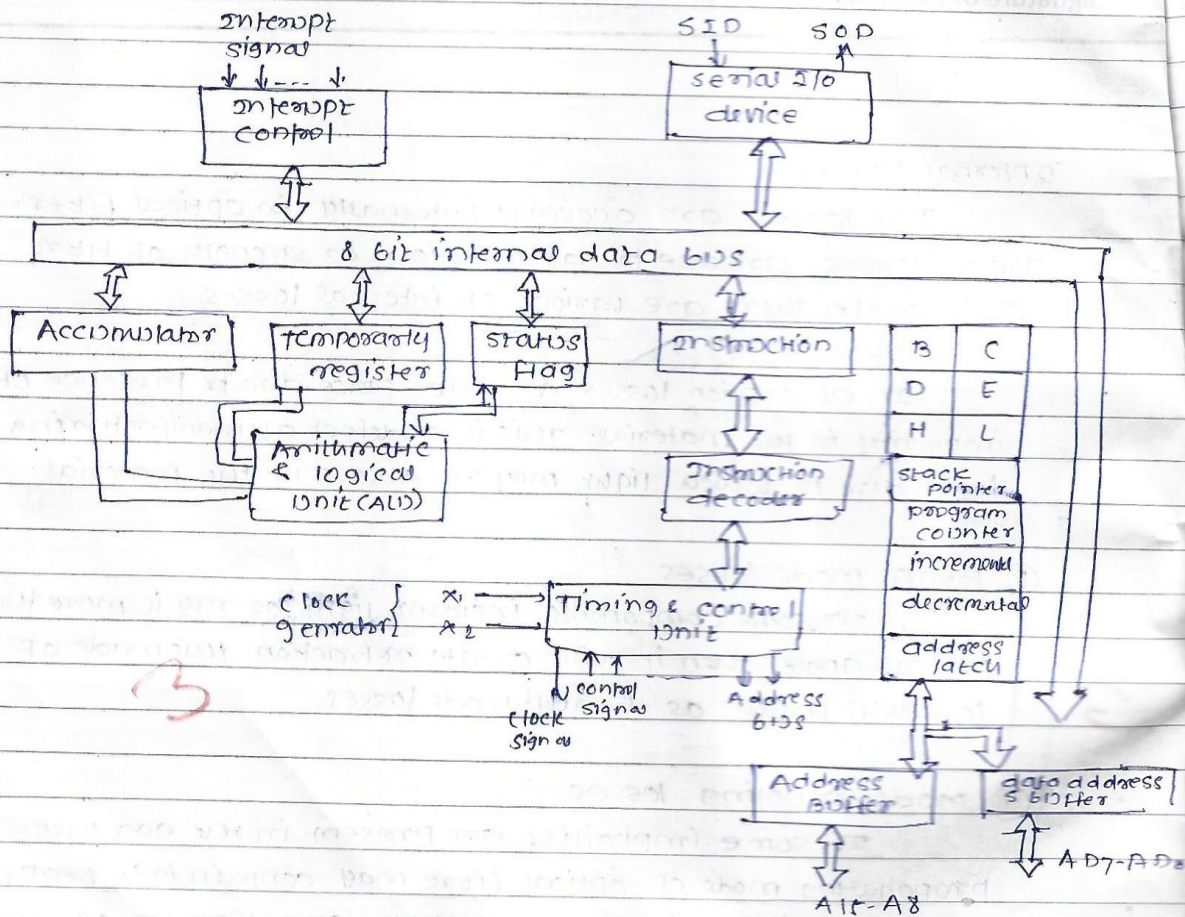
④ Bending losses

If some ~~impurities~~ optical fibres microbendings are take place if there is small variation between core &

cladding. Two scattering of light takes place & bending losses are occurred.

Q. 2)

a)



*D. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
 Principal  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



KV. SHROUHI Kailas Deshmukh.  
class :- BSC 1<sup>st</sup> year.

SHRI SHIVAJI SCIENCE AND ARTS COLLEGE, CHIKHLI DIST: - BULDANA

DEPARTMENT OF ELECTRONICS

Unit Test  
B. Sc. I Electronics (Sem. I)  
Basic of Electronics

Time :- (1hours)

19 ✓  
(Max Marks -30)

Choose the correct answer:-

- (1) Resistors, Capacitors, Inductors are -----Components.  
(A) Active ☒ (B) Passive (C) Active, Passive (D) None
- (2) Diodes and transistors are-----Componet.  
(A) Passive ☒ (B) Active (C) Active, Passive (D) None
- (3) Unit of resistance is -----  
(A) Farad (B) Henry ☒ (C) Ohm (D) None
- (4) Resistor oppose the flow of-----  
(A) Voltage (B) power ☒ (C) Current (D) None
- (5) Potentometer has-----terminals.  
(A) One (B) Two (C) Three ☒ (D) four
- (6) Tolarence is measured in -----  
(A) Percentage (B) Degree ☒ (C) Ohm (D) None
- (7) Unit of Capacitance is -----  
(A) Ohm ☒ (B) Farad (C) Henry (D) None
- (8) Unit of Inductance is-----  
(A) Henry ☒ (B) Farad (C) Ohm (D) None
- (9) KVL Stands for -----  
(A) Kirchoff Voloum Law (B) Karnaugh Voltage Law  
☒ (C) Korchoff Voltage Law (D) None
- (10) KCL Stands for -----  
(A) Kirchoffs Colomb Law ☒ (B) Kirchoffs Current Law  
(C) Karraugh Current Law (D) None
- (11) Thevenin's theorem reduces Network into-----sonve **source**.  
(A) Voltage ☒ (B) Current (C) Power (D) None
- (12) Norton's theorem reduces Network into-----souce. **source**  
(A) Current (B) Power ☒ (C) Voltage (D) None
- (13) Maximum Power transfer take place when-----  
(A)  $R_L = R_i$  ☒ (B)  $R_i = 2R_L$  (C)  $R_L = 2R_i$  (D) None

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment



- (14) Voltmeter is used for measurement of-----  
 (A) Current (B) Power (C) Voltage (D) None
- (15) Ammeter is used for Measurement of-----  
 (A) Voltage (B) Current (C) Power (D) None
- (16) Ohm-meter is used for Measurement of-----  
 (A) Voltage (B) Current (C) Resistance (D) None
- (17) CRO Stands for-----  
 (A) Current rate Oscilloscope (B) Cathode Ray Oscilloscope  
 (C) Current Resistance Oscilloscope (D) None
- (18) CRT Stands for-----  
 (A) Code rate tube (B) Current rete tube  
(C) Cathode Ray tube (D) None
- (19) Diode Consistor of----- terminals  
(A) One (B) Two (C) Three (D) None
- (20) Diode is -----device.  
 (A) Bidireetimal (B) Unidirectional (C) Bipolar (D) None
- (21) PN Junction diode is called as -----diode.  
(A) Semiconductor (B) Bipolar (C) Uni jurection (D) None
- (22) Forwored biased diode offer----- Resistance.  
 (A) Low (B) High (C) infinity (D) None
- (23) Reverse biased diode offer----- Resistance.  
 (A) High (B) Low (C) Zero (D) None
- (24) Reverse Saturation Current depends on-----  
 (A) Voltage (B) Power (C) Temprature (D) None
- (25) Diode is used as a-----  
(A) Amplifier (B) Rectifier (C) Multiplies (D) None
- (26) Half Ware Reactifier Circuit Consist of-----diode.  
 (A) Two (B) One (C) Three (D) None
- (27) Full Ware Reactifier Consist of----- diode.  
 (A) One (B) Four (C) Two (D) None
- (28) efficiency of Half wave rectifier is-----  
(A) 40.6% (B) 80% (C) 60% (D) None
- (29) efficiency of Full wave rectifier is-----diode.  
(A) 81.2% (B) 40% (C) 60% (D) None
- (30) -----used as a Voltage regulator.  
(A) Zener diode (B) Semi Conductor diode  
 (C) PN Junction diode (D) None



*Dr. Omraj S. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## **Internal Assessment Marks**

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

## DEPARTMENT OF ELECTRONICS

308-Shri Shivaji Science, Arts College, CHIKHALI

SUBJECT WISE INTERNAL MARKS SUMMER 2021

B.Sc. PART-III (SEMESTER-VI) Summer 2021

ETC - 1 - ELECTRONICS ( INSTRUMENTATION)-S1 - I.A.(THEORY)

Max. Marks : 20

SNo	Roll No.	Student Name	Marks
1	77548	Aditi Narayan Rindhe	20
2	77555	Anur Ekman Chindre	20
3	77557	Anjali Kailas Pakhare	20
4	77571	Ashwini Ramdas Thutte	20
5	77574	Ayodhya Dinkar Lahane	20
6	77576	Bhagyashri Siddehswar Morey	20
7	77580	Datta Rambhau Mundhe	20
8	77583	Dipali Bhimrao Wakode	20
9	77587	Divya Shivcharan Pawar	20
10	77601	Kiran Dattu Thutte	20
11	77605	Komal Kailas Ingle	20
12	77644	Ku Vaishnavi Rajeshwar Mahajan	20
13	77653	Mangesh Abhimanu Sonalkar	20
14	77660	Nikita Ashok Nighade	20
15	77670	Pragati Mukunda Tekale	20
16	77671	Prasad Bhagwan Aswar	20
17	77673	Prashant Bharat Wayal	20
18	77675	Priya Dilip Nimbore	20
19	77687	Sachin Madhusadan Kale	20
20	77688	Sahil Taufik Saudagar	20

SNo	Roll No.	Student Name	Marks
21	77691	Sanjana Kishor Rudraksh	20
22	77694	Sham Chhabbar Shitole	20
23	77697	Shital Rameshwar Ingale	20
24	77706	Shubham Shamrao Waghmare	20
25	77714	Vaibhav Ganesh Salunke	20
26	77715	Vaishnav Digambar Nikas	20
27	77716	Vaishnavi Dilip Pawar	20
28	77717	Vaishnavi Janardhan Theng	20
29	77724	Vishal Nimbaji Zagare	20
30	77725	Vishal Vishnu More	20
31	77727	Yogesh Pandurang Rasal	20

*D. Katole*  
**HEAD,**  
 Department of Electronics,  
 Shri Shivaji Science & Arts College,  
 CHIKHALI, Dist. Buldana



*Dr. Omraj S. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
 Principal  
 Shri Shivaji Sci. & Arts  
 College, Chikhal, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## DEPARTMENT OF BOTANY

### Record of Internal Assessment Marks

(One Assignment per theory paper)

Name of the College: Shri Shivaji Science & Arts College Chikhli.

Subject: Botany Class: B.Sc. III (Sem- VI) Session - 2020-21

Sr. No.	Seat No.	Name of the Students	Assignment / Project Max. Marks:-04	Marks awarded		Total Max. Marks:-20
				Seminar/ Group discussion/ Study tour/ Industrial Visit/ Visit to educational Institutes/Research Organization/ field work etc. Marks - 06	Class - Test Marks. 10	
1.		Aadesh Vishnu Jadhao	00	00	08	08
2.		Afrin Faruque Patel	04	06	10	20
3.		Akash Santosh Dongare	04	06	10	20
4.		Amol Mohan Gawai	04	06	10	20
5.		Anjali Rajubhau Akkar	04	06	10	20
6.		Ankush Rameshwar Gaikwad	04	06	10	20
7.		Ankush Sahebrao Bhagat	04	06	10	20
8.		Ashutosh Vasantao Zalte	04	06	10	20
9.		Ashwini Datatray Khandagale	04	06	10	20
10.		Chhaya Ganesh Chinchole	04	06	08	18
11.		Devashri Shridhar Thoke	04	06	08	18
12.		Dipali Jagannath Jaybhaye	04	06	10	20
13.		Divya Gajanan Deshmukh	04	06	08	18
14.		Gayatree Rajiv Patil	04	06	10	20
15.		Jaya Shivanarayan Pawar	04	06	08	18
16.		Jayshri Santosh Ade	04	06	10	20
17.		Kalyani Rajesh Halkare	04	06	10	20
18.		Kanchan Suresh Ghewande	00	00	10	10
19.		Pallavi Ramdev Gadekar	04	06	10	20
20.		Pallavi Ramdas Mapari	04	06	10	20
21.		Pooja Sanjay Marode	04	06	10	20
22.		Pratiksha Shankar Petkar	04	06	10	20
23.		Priyanka Sanjay More	04	06	10	20
24.		Rashmi Subhash Supkal	04	06	10	20
25.		Rupali Madhukar Wayal	04	06	10	20

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

26.	Sadaf Aqsa Arif Deshmukh	04	06	10	20
27.	Sakshi Dipak Hiwale	04	06	10	20
28.	Shaikh Shabnam Bi Sheikh Mobeen	04	06	10	20
29.	Shital Vitthal Ingle	04	06	10	20
30.	Shivani Nivrutti Gadekar	04	06	08	18
31.	Shivani Vijay Gher	04	06	08	18
32.	Shivani Vilas Yendole	04	06	08	18
33.	Shubhangi Vijay Thutte	04	06	10	20
34.	Sushmita Dhondu Waghmare	04	06	08	18
35.	Vaishali Manohar Jadhao	04	06	10	20
36.	Vaishnavi Gajanan Theng	04	06	10	20
37.	Vaishnavi Laxmikant Sapkal	04	06	08	18
38.	Vaishnavi Ravindra Rane	04	06	10	20
39.	Vaishnavi Vinod Patil	04	06	10	20
40.	Vidhya Sheshrao Ghube	04	06	10	20
41.	Manisha Gopal Kumawat	04	06	10	20
42.	Neha Vijay Surakdar	04	06	10	20
43.	Nikita Prameshwar Wankhede	00	00	08	08
44.	Pooja Santosh More	00	00	00	00
45.	Poonam Prasad Pawar	04	06	08	18
46.	Punam Vijay Khandagale	04	06	10	20
47.	Purva Vishvanath Sawale	04	06	10	20
48.	Radha Ravindra Dukare	04	06	08	18
49.	Rushikesh Ramesh Gaikwad	04	06	10	20
50.	Shraddha Sunil Deshmukh	04	06	10	20
51.	Shubham Rajendra Karhade	04	06	10	20
52.	Shubham Sanjay Salok	04	06	10	20
53.	Shubham Vithoba Kharat	04	06	10	20
54.	Vaishnavi Kailas Bundhe	04	06	10	20
55.	Vaishnavi Sopan Kalekar	04	06	10	20
56.	Vishnu Bhanudas Ugale	04	06	10	20

Name of the Teacher D.L. Garande

Head of the Department

Scanned by TapScanner  
Buldana



Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

## DEPARTMENT OF HISTORY

**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHLI DIST-BULDANA**

Department of History

**Internal Assignment Record List-Name of Paper-Ancient India**

**Session-2020-21 ( Summer Exam-2021)**

Sr.No	Roll No	Name of Student	Class/Sem	Unit Test-10	Int.Asst-10
1	70770	Sandip Sakharam Gawai	M.A.Part-I Sem-II	10	10
2	70771	Sushil Sukhdeo Dongirdive	M.A.Part-I Sem-II	08	08
3	70772	Vaishali Deorao Apar	M.A.Part-I Sem-II	07	08
4	70773	Vandana Narsing Rajput	M.A.Part-I Sem-II	08	08
5	70774	Yogesh Vilas Asane	M.A.Part-I Sem-II	08	08
6	93081	Dhondur Subash Sultane	M.A.Part-I Sem-II	09	10

**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHLI DIST-BULDANA**

Department of History

**Internal Assignment Record List-Name of Paper-History of Maratha**

**Session-2020-21 ( Summer Exam-2021)**

Sr.No	Roll No	Name of Student	Class/Sem	Unit Test-10	Int.Asst-10
1	70701	Akshay Pradip Sapkal	M.A.Part-I Sem-IV	08	09
2	70702	Javed Chand Hiriwale	M.A.Part-I Sem-IV	08	08
3	70703	Mayur Shivaji Gawai	M.A.Part-I Sem-IV	08	08
4	70704	Nivrutti Dattatreya Tejankar	M.A.Part-I Sem-IV	08	07
5	70705	Pradip Praksh Gawai	M.A.Part-I Sem-IV	07	09
6	70706	Rupchand Prakash Gadhave	M.A.Part-I Sem-IV	08	08
7	70707	Sahebrao Gulabrao Kolhe	M.A.Part-I Sem-IV	09	08
8	70708	Satyapal lahu Gawai	M.A.Part-I Sem-IV	09	09
9	70709	Sharad Basanta Tajane	M.A.Part-I Sem-IV	09	10
10	70710	Shivanand Narayan Tupkar	M.A.Part-I Sem-IV	09	09
11	707011	Shubham Devidas Dikkar	M.A.Part-I Sem-IV	08	08

1921-21  
Associate Professor & Head  
Department of History  
Shri Shivaji Science & Arts College,  
Chikhli, Dist. Buldana



Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**



## Department of Political Science

**308-Shri Shivaji Science, Arts College, CHIKHALI**  
**SUBJECT WISE INTERNAL MARKS SUMMER 2021**  
**B.A. PART-III(SEMESTER-VI) Summer 2021**  
**1025 - 1 - POLITICAL SCIENCE-S1 - I.A.(THEORY)**  
**Max. Marks : 20**

SNo	Roll No.	Student Name	Marks
1	77097	Ajay Dnyandeo Suryavanshi	18
2	77098	Ankit Sanjabrao Gawai	18
3	77099	Anuradha Gajanan Keskar	19
4	77100	Ashwini Parshuram Shinde	19
5	77101	Ashwini Vijay Ingle	18
6	77102	Balasaheb Devidas Ghewande	18
7	77103	Dttatraya Pandhari Gadhve	19
8	77104	Ganesh Namdeo Arakh	19
9	77105	Jaya Vijay Jadhav	18
10	77106	Milind Manikrao Patole	18
11	77107	Nilesh Rajendra Pandit	18
12	77108	Nileshbhai Abhimanyu Jadhav	18
13	77111	Prajakta Vinod Khandalkar	19
14	77112	Ravi Mahadu Sultane	18
15	77113	Rutuja Ravindra Jadhao	18
16	77114	Sagar Anil Bansode	18
17	77115	Sangita Sarangdhar Sarode	18
18	77116	Saurabh Shrikrushna Shinde	19
19	77117	Shankar Narayan Mevhankar	19

SNo	Roll No.	Student Name	Marks
20	77118	Sheikh Afsar Sheikh Jafar	18
21	77120	Shubham Narendra Hiwale	19
22	77121	Snehal Anil Katkar	18
23	77122	Suraj Rajesh Gohel	18
24	77123	Vaishnavi Digambar Nangude	18
25	77124	Vaishnavi Sunil Kharat	19



*Dr. Omraj S. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
**Principal**  
**Shri Shivaji Sci. & Arts**  
**College, Chikhli, Dist. Buldana**

## Department of Commerce

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

308-Shri Shivaji Science, Arts College, CHIKHALI

SUBJECT WISE INTERNAL MARKS SUMMER 2021

B.COM. PART-III(SEMESTER-VI) Summer 2021

3062 - 1 - Economics Of Development-S1 - I.A.(THEORY)

Max. Marks : 20

SNo	Roll No.	Student Name	Marks
1	75845	Aditi Martand Kulkarni	20
2	75846	Akash Ramdas Umale	20
3	75847	Ashwini Gajanan Pathe	20
4	75848	Bhagyashri Ashok Dukare	20
5	75849	Dipali Gajendra Jadhav	20
6	75850	Divya Sunil Ingle	20
7	75851	Gopal Vishwanath Shinde	20
8	75852	Jaya Dipak Suradkar	20
9	75853	Karan Eknath Jadhav	20
10	75854	Komal Eknath Karhade	20
11	75855	Mandar Ashok Mahind	20
12	75856	Mangal Gajanan Dukare	20
13	75857	Mayuri Santosh Kadam	20
14	75858	Neha Vijay Dhandar	20
15	75859	Nilesh Anil Bhutekar	20
16	75860	Nita Gajanan Kharat	20
17	75861	Nitin Atmaram Parihar	20
18	75862	Pawan Pandharinath Shelke	20
19	75863	Pawan Ramesh Hade	20
20	75864	Pawan Sudhakar Birgal	20
21	75865	Prachi Anil Udrakar	20


SNo	Roll No.	Student Name	Marks
22	75866	Pranav Kailas Jaju	20
23	75867	Pravin Jagdeo Saudagar	20
24	75868	Renuka Manoj Chopda	20
25	75869	Renuka Vinayak Nirmal	20
26	75870	Revati Uddhavrao Kharas	20
27	75871	Rupali Bharat Akal	20
28	75872	Saiyyad Habib Saiyyad Rahim	20
29	75873	Sandhya Dnyaneshwar Morey	20
30	75874	Sandip Vasanta Ingle	20
31	75875	Sanjay Panjabrao Parihar	20
32	75876	Saurabh Subhash Khadke	20
33	75877	Shalikram Rajendra Iwarkar	20
34	75878	Shalini Dilip Pimple	20
35	75879	Shila Satyawar Sawant	20
36	75880	Shital Tulshidas Kute	20
37	75881	Shivani Bhagavan Morey	20
38	75882	Shubhangi Sunil Wankhade	20
39	75883	Shyam Govindprabhu Iwarkar	20
40	75884	Sunita Shrikrishna Bhandare	20

Note : If any Candidate's Name is missing in this list, Please indicate the same at the end and write a marks.


308-Shri Shivaji Science, Arts College, CHIKHALI  
 SUBJECT WISE INTERNAL MARKS SUMMER 2021  
 B.COM. PART-III(SEMESTER-VI) Summer 2021  
 3062 - 1 - Economics Of Development-S1 - I.A.(THEORY)

Max. Marks : 20

SNo	Roll No.	Student Name	Marks
41	75885	Swapnil Damodhar Pandaqale	20
42	75886	Swapnil Sanjay Rasal	20
43	75887	Swati Jaysing Ingle	20
44	75888	Vaibhav Dilip Kholgade	20
45	75889	Vaibhav Ramesh Bavaskar	20
46	75890	Vaishnavi Shrikrushna Jadhao	20

  
 HOD  
 Dept. Of Commerce  
 Shri Shivaji Science &  
 Art's College, Chikhli



  
 Dr. Omraj S. Deshmukh  
 Principal  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment