

**Shrikrishna Shikshna Sanstha
Shrikrishna Mahavidyalaya Gunjoti
Ta. Omerga, Dist. Osmanabad (M.S.)**

**Academic Planning and Evaluation Committee
Academic Year 2021-2022**

The constituted Academic Planning and Evaluation Committee for the Academic Year 2021-2022 is as under.

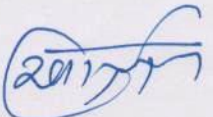
- | | |
|------------------------|--------------|
| 1. Dr.D.R. Kulkarni | Chairman |
| 2. Dr. M.C.Khot | Co-ordinator |
| 3. Dr.B.J.Ugale | Member |
| 4. Shri K.R.Shanediwan | Member |
| 5. Shri G.G. Hirwe | Member |

- Academic Planning and Evaluation Committee prepare academic plan and organize teaching, learning and evaluation schedules.
- The academic calendar is prepared on the basis of academic calendar of Dr. B. A. Marathwada University
- The academic calendar is displayed on notice boards for students and copy of academic calendar is distributed among the teaching staff.
- Academic calendar is also displayed on college website.
- **Teaching plans.**
- The teaching plans are prepared by considering the available teaching days and holidays declared by the society, university and state Government.
- Every faculty member prepares the annual plan and submits the Teaching plans to the Academic Planning and evaluation committee at the beginning of the academic year.
- Heads of the departments monitors the progress of teaching and learning annual plan.

- Faculty members submit the monthly teaching report to the committee.
- The review is taken by the committee regarding the completion and progress of the syllabus.
- Daily teaching record is maintained in the Daily Teaching Diary by every faculty member and it is verified by the committee time to time.
- Attendance record of the students is kept with the teacher daily.

- **Evaluation:**

- The College follows internal assessment such as unit test, tutorial and class test conducted by teachers from time to time.
- Development of the students is evaluated on the basis of its attendance, assignments, tests, seminars, projects, Behavioral aspect, Semester end examinations, Practical examinations and viva-voce.
- Faculty staff informs the student about the evaluation pattern of the university.
- The college evaluates the teacher's feedback by students through feedback form at the end of academic year.
- Feedback is analyzed by the committee and necessary steps are taken by faculty for improving the teaching learning process.
- The institute monitors the quality of teachers by the head of the institution and head of the departments.
- Convener evaluates the quality of teaching, learning by checking daily teaching dairy of the faculties.


Dr. M. C. Khot
Co-ordinator


PRINCIPAL
Shrikrishna Mahavidyalaya
Gunjoti Tq. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Tq.Omerga, Dist.Osmanabad

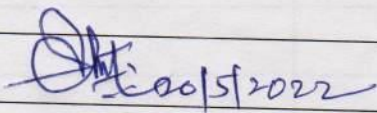
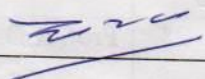
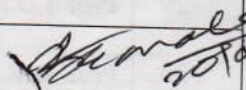
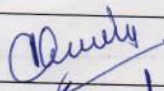
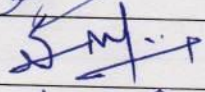
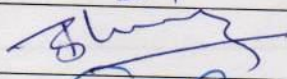
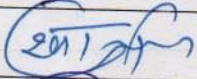
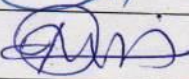
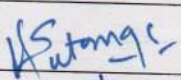
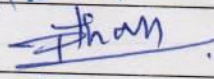
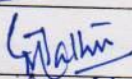

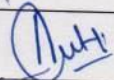
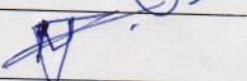
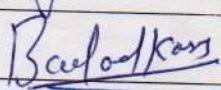
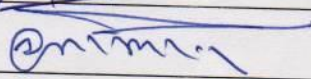
Academic Year :

Notice 2021-22

Date : 20.05.2022

सर्व प्राध्यापकांना सूचित करण्यात येते की शैक्षणिक वर्ष 2021-22 चा वर्षावर्ति देताने अध्यापन अहवाल (D.T.R) व अभ्यासक्रम पूर्ती अहवाल (Syllabus Completion Report) प्राचार्यांना दि.08.05.2022 रोजी जमा करावे.

सोपान

Sr.No	Name of the Employee	Signature	Remark
1.	Dr.D.R.Kulkarni		
2.	Prof. H.S.Bhosale		
3.	Dr.B.E.Konale		
4.	Prof.P.G.Choudhari		
5.	Dr.M.T.Suryawanshi		
6.	Dr.K.S.Lohar		
7.	Dr.M.C.Khot		
8.	Prof. R.G.Koli		
9.	Dr.S.M.Patange		
10.	Dr.D.M.Pathan		
11.	Dr.G.M.Rathod		
12.	Dr.P.S.Raut		
13.	Dr.A.M.Chishti		
14.	Prof. N.J.Pawar		
15.	Prof.S.S.Badodkar		
16.	Dr.A.R.Kaldate		

17.	Dr.J.A.Nanware		<i>gnm</i>
18.	Prof.R.N.Nigade		<i>Inamdar</i>
19.	Dr.R.S.Madle		<i>Madale</i>
20.	Dr.R.D.Patre		
21.	Dr.V.S.Hogade		<i>Hogade.</i>
22.	Dr.Y.A.Vijapure		<i>Vijapur</i>
23.	Dr.B.J.Ugale		<i>Ugale</i>
24.	Dr.R.H.Kadam		<i>Kadam</i>
25.	Dr.D.P.Chavan		
26.	Dr.M.G.Ambuse		<i>Ambuse</i>
27.	Prof.I.S.Inamdar		<i>Inamdar</i>
28.	Prof. R.D.Kamble		<i>Kamble</i>
29.	Prof.S.D.Kode		<i>Kode</i>
30.	Prof. K.R.Shanediwan		
31.	Prof.K.L.Kadam		<i>Kadam</i>
32.			
33.			
34.			
35.			
36.			
37.			
38.			

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Tq. Omerga Dist. Osmanabad

Teaching Days Calendar 2021-2022

College Opening – 30/08/2021

Sr. No.	Months	Teaching Days	Total Days	Sunday	Holiday
First Term – 01/10/2021 to 31/01/2022					
1	October	1, 4, 5, 6, 7, 8, 9, 11, 12, 13, 16, 18, 20, 21, 22, 23, 25, 26, 27, 28, 29, 30	22	3, 10, 17, 24, 31	2, 14, 15, 19
Winter Vacations Semester Break (Both days inclusive) 01.11.2021 to 10.11.2021					
2	November	11, 12, 13, 15, 16, 17, 18, 20, 22, 23, 24, 25, 26, 27, 29, 30,	16	14, 21, 28	19
3	December	1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 27, 28, 29, 30, 31	26	5, 12, 19, 26	25
4	January	1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 15, 17, 18, 19, 20, 21, 22, 24, 25, 27, 28, 29, 31	24	2, 9, 16, 23, 30	14, 26
5	February	1, 2, 3, 4, 5, 7,	6	6	Nil
Total			94		
Term End Exam 08/02/2022 to 28/02/2022					
First term - Total working days 140, Total teaching days 94, Total exam days 20					
Second Term – 01/03/2022 to 30/06/2022					
6	March	2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 19, 21, 22, 23, 24, 25, 26, 28, 29, 30, 31	25	6, 13, 20, 27	1, 18
7	April	1, 4, 5, 6, 7, 8, 9, 11, 12, 13, 16, 18, 19, 20, 21, 22, 23, 25, 26, 27, 28, 29, 31	23	3, 10, 17, 24	2, 14, 15
8	May	2, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 23, 24, 25, 26, 27, 28, 30, 31	24	1, 8, 15, 22, 29	3, 16
9	June	1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 25, 27, 28, 29, 30	26	5, 12, 19, 26	-
Total			98		
Term End Exam 06/07/2022 to 20/07/2022					
Second term - Total working days 118, Total teaching days 98, Total exam days 14					
Summer Vacation 21/07/2022 to 31/07/2022					
Total Working Days		= 265	Weeks for Teaching		- 28
Total Teaching Days		= 192	Weeks for Admission		- 05
Examination Days		= 34	30/08/2021 to 30/09/2021		-
Curricular and Extra curricular activities =			Days for Vacation		- 10
Winter vacation days		= 10	Weeks for Holiday		-
Summer Vacation Days		= 11			

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Tq. Omerga Dist. Osmanabad
Teaching Days Calendar 2021-2022
College Opening – 30/08/2021

Sr. No.	Months	Teaching Days	Total Days	Sunday	Holiday
First Term – 01/10/2021 to 31/01/2022					
1	October	1, 4, 5, 6, 7, 8, 9, 11, 12, 13, 16, 18, 20, 21, 22, 23, 25, 26, 27, 28, 29, 30	22	3, 10, 17, 24, 31	2, 14, 15, 19
Winter Vacations Semester Break (Both days inclusive) 01.11.2021 to 10.11.2021					
2	November	11, 12, 13, 15, 16, 17, 18, 20, 22, 23, 24, 25, 26, 27, 29, 30,	16	14, 21, 28	19
3	December	1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 27, 28, 29, 30, 31	26	5, 12, 19, 26	25
4	January	1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 15, 17, 18, 19, 20, 21, 22, 24, 25, 27, 28, 29, 31	24	2, 9, 16, 23, 30	14, 26
5	February	1, 2, 3, 4, 5, 7,	6	6	Nil
Total			94		
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6	March	2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 19, 21, 22, 23, 24, 25, 26, 28, 29, 30, 31	25	6, 13, 20, 27	1, 18
7	April	1, 4, 5, 6, 7, 8, 9, 11, 12, 13, 16, 18, 19, 20, 21, 22, 23, 25, 26, 27, 28, 29, 31	23	3, 10, 17, 24	2, 14, 15
8	May	2, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 23, 24, 25, 26, 27, 28, 30, 31	24	1, 8, 15, 22, 29	3, 16
9	June	1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 25, 27, 28, 29, 30	26	5, 12, 19, 26	-
Total			98		
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Summer Vacation Days		= 11			



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Tq. Omurga, Dist. Osmanabad

Academic Year : 2021-22

Notice

Date : 18.11.2021

महाविद्यालयानि सर्व प्राध्यापकांश्च सूचितं कृतवान् यत् किं
शैक्षणिक वर्ष 2021-22 चा वसतिनिष्ठ वास्तुविनियोजन व 30 दिवसांच
शैक्षणिक काल 30.09.2021 पर्यंत डॉ. बी.जे. उगीर यांच्या असे
जमा करावे याची सवली नोंद घ्यावी.

(सो. अ. अ.)

PRINCIPAL
Shrikrishna Mahavidyalaya
Gunjoti Tq. Omurga

Sr. No	Name of Employee	Signature	Remark
1. P	Dr. D. R. Kulkarni		
2.	Prof. H. S. Bhosale	L ✓	
3.	Dr. B. E. Konale	L ✓	
4.	Prof. P. G. Choudhari	L ✓	
5.	Dr. M. T. Suryawanshi	L ✓	
6.	Dr. K. S. Lohar	L ✓	
7.	Dr. M. C. Khot	L ✓	
8.	Prof. R. G. Koli	L ✓	
9.	Dr. S. M. Patange	L ✓	
10.	Dr. D. M. Pathan	L ✓	
11.	Dr. G. M. Rathod	L ✓	
12.	Dr. P. S. Raut	L ✓	
13.	Dr. A. M. Chishti	L ✓	
14.	Prof. N. J. Pawar	L ✓	
15.	Prof. S. S. Badodkar	L ✓	
16. P	Dr. A. R. Kaldate		
17.	Dr. J. A. Nanware	L ✓	
18.	Prof. R. N. Nigade	L ✓	
19.	Dr. R. S. Madle	L ✓	

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar For 180 Days

Faculty of Arts

Academic Year: (2021-22)

(Department of Marathi)


Name of Faculty Member: P. V. Chaudhari

Term	Month	Teaching Days	Theory Periods	Practical Periods	Total Periods
First Term	October	22	76		
	November	16	53		
	December	26	86		
	January	24	62		
	February	06	—		
Total 1		94	297		
Second Term	March	25	82		
	April	23	75		
	May	24	80		
	June	26	63		
Total 2		98	300		
Total 1 + 2		192	597		

Total Working Days = 192

Total Theory Periods = 597

Total Practical Periods = Nil


Signature of Faculty Member



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

(50)

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science IST

Faculty of Arts/Science/ Management Science

Name of Faculty Member : P. V. Chaudhari

Department of Marathi

Paper No. I

Paper Name SL - Marathi
214-425 व 544/2011 मधील

Chapter No. Unit No.	Title / Subject गद्य	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1	साहित्य रचना - हाईकला	व्याख्यात्मक	20	01 ऑक्टोबर 2011	गद्य
2	साहित्य - रंग उद्योग			06 नोव्हेंबर 2011	
3	साहित्यी कल्पने - रंगचंद्रपंथ कथा				
4	जिज्ञासू कालची रंग पाणी - वाक्यविशेष				
5	साहित्यी रचनाकारांचे वागणे - लाराबाई शिंदे				
6	परमेश्वरांचे साहित्य - माते				
7	धुळी काळीज रंग - प्रफुल्लराज	व्याख्यात्मक	20	08 नोव्हेंबर 2011	गद्य
8	कृष्णक कर्मिणी - रंग नामिका			15 डिसेंबर - 2011	
9	साहित्यी कल्पना - रंग निर्मिता				

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (201 - 201)

SKMG / 1000 / 2010-11

Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : _____

Department of _____

Paper No. _____

Paper Name _____

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
10	काशी बोधोनि - कादर शिफान्ति				
11	पूर्वभाष्य दिशा - जती लकादन				
12	पादश्लोका - दालोपंत				
13	शातिकोद कृष्णमि - शमामंद				
14	ऐसे केके - शोख महंमद				
15	मग कश रे - शैल लकाराम				
16	लक्ष्मी मीनिचे - होजाजी वाळा				
17	शाल्या शही वशव - लचकेधीनाई				

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Gemanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

03

Teaching - Plan Academic Year (201 - 201)

SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : _____

Department of _____

Paper No. _____

Paper Name _____

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
	उपयोगिता शास्त्र	व्याख्यान	20	15 डिसेंबर 2021 ते	
①	लेखन विषयक नियम			31 जानेवारी 2022	
②	परिचयन कोटिप्रकार काय करणी				
③	विश्वविद्यालय				
④	शाखांश				

Sign. of Faculty Member

Principal

Shrikrishna Mahavidyalaya, Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Sl
04

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Department of Marathi

Name of Faculty Member : P. N. Chaudhari

Paper No. II

Paper Name Sl. Marathi
(212-42 व 542) (11) 4261)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	ब्रह्मचर्य कीर्तिम - शं. गणेशदास	व्याख्या	20	1 मार्च 2022 ते	31
2.	दशमस्कंध - डॉ. अ. व. डेकर			07 एप्रिल 2022	
3.	लोकशाही हीच - महापंडित च. व. व.				
4.	कोवळे मरण - जालंधर गेमाडे				
5.	दिवंगी - रामराव कुंभार				
6.	मरण - महादेव गापकवास				
8.	कृष्णाय - म. पुळे	व्याख्या	20	8 एप्रिल 2022 ते	वध
9.	विद्विशास - वाळुंधरी			15 मे 2022	
10.	आदि - श्रेय				

Sign. of Faculty Member

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omega



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (201 - 201)

SKMG / 1000 / 2010-11

Faculty of Arts/Science/ Management Science

Department of _____

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : _____

Paper No. _____

Paper Name _____

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
11.	विशेष - वीर दायक परत				
12.	अलीकृतकृत्य - अरुण कोक				
13.	विश्वामित्र - अरुण कोक				
14.	अलीकृतकृत्य - अरुण कोक				
15.	अलीकृतकृत्य - अरुण कोक				
16.	अलीकृतकृत्य - अरुण कोक				
अ.	अलीकृतकृत्य - अरुण कोक				

Sign. of Faculty Member

Shrikrishna Mahavidyalaya, Gunjoti
Tal. Omerda Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

50
6

Teaching - Plan Academic Year (201 - 201)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : _____

Department of _____

Paper No. _____

Paper Name _____

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
	इयभोपिच मरुति	प्राश्नोत्तर	20	16 से 2022 ले	
1)	धोववाप्य (सामकीय, सामाजिक, इ.)			31 से 2022	
2)	संवाद लेखन				
3)	अनुवाद लेखन				
4)	जाहिरात लेखन				

Sign. of Faculty Member

Principal

Shrikrishna Mahavidyalaya, Gunjoti

Tq. Omerni, Dist. Solapur



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

I
I

SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science I

Faculty of Arts/Science/ Management Science

Name of Faculty Member : P. U. Chaudhary

Department of 14) Commerce

Paper No. opt - II

Paper Name माल्याय शतिका

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	फाल्गुण पर्व, चिंगी सरिजाची	व्याख्यान	15	01 ऑक्टोबर 2021 ते	
	- डॉ. गणेश विद्याकर			31 ऑक्टोबर 2021	
2.	मुळगी शाळी हो ! - जोती हापले	व्याख्यान	15	1 नोवेंबर 2021 ते	
				30 नोवेंबर 2021	
3.	डवरे, - श. रं. जोशी	व्याख्यान	15	1 डिसेंबर 2021 ते	
				31 डिसेंबर 2021	
4.	आजगा कल्प - बापू घोडके.	व्याख्यान	15	1 जानेवारी - 31 जानेवारी 2021	

Sign. of Faculty Member

Principal

Shrikrishna Mahavidyalaya, Gunjoti,
Tq. Omerga Dist. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

29

Teaching - Plan Academic Year (2014 - 2017)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science I

Faculty of Arts/Science/ Management Science

Name of Faculty Member : P.S. Chaudhary

Department of Marathi

Paper No. opt-IV

Paper Name श्रीकृष्ण महाविद्यालयी ले. कौशल्ये

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	कृत्तव्याचे स्वरूप आणि महत्त्व	व्याख्यान	06	3 मार्च ते 9 मार्च 2021	
2.	बाणनी केशव		06	10 मार्च 16 मार्च 2021	
3.	शतक केशव		06	17 मार्च 23 मार्च 2021	
4.	मुद्रावली		06	24 मार्च 29 मार्च 2021	
5.	संवाद केशव		06	30 मार्च 06 एप्रिल 2021	
6.	कौशल्य		06	7 एप्रिल 15 एप्रिल 2021	
7.	जातिशास्त्र		06	16 एप्रिल 01 मे 2021	
8.	शरीरशास्त्र		06	02 मे 06 मे 2021	
9.	वाचकांची पत्रे		06	07 मे 16 मे 2021	
10.	निष्पत्ती				

Sign. of Faculty Member

Principal
Tn.Omanga Dist.Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

11
09

SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science 11

Faculty of Arts/Science/ Management Science

Name of Faculty Member : P. V. Chavhan

Department of Marathi

Paper No. 111

Paper Name आधुनिक अ. वा. इतिहास

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
I.	शैक्कीक पाठ्यक्रम	व्यक्तिगत	15	1 ऑक्टोबर 2021	
1.1.	शैक्कीकी शैक्कीकी व स्वतंत्र			ते 30 ऑक्टोबर-2021	
1.2	शैक्कीकी आणि इतिहास.				
1.3.	शैक्कीकी आणि शास्त्र				
1.4	शास्त्र आणि शास्त्र				
1.5	शैक्कीकीची शैक्कीकी				
1.6	शास्त्रात्मक शैक्कीकी - शैक्कीकी शैक्कीकी				
1.7.	शैक्कीकी शैक्कीकीची शैक्कीकी				
1.8	शैक्कीकी शैक्कीकीची शैक्कीकी				

Sign. of Faculty Member

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tal: Omega Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2010 - 2011)

SKMG / 1000 / 2010-11

Faculty of Arts/Science/ Management Science

Department of Marathi

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : P.W. Chaudhari

Paper No. 111

Paper Name साधुगिक महाविद्यालयी वि.इ.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
2)	निबंध : स्वल्प आदि विशेष	व्याख्यान	15	09 नोव्हेंबर 2010	
2)	2.1 - लोकसिवादीची शिल्पे			30 नोव्हेंबर 2010	
	2.2 - म. पुजेचे क्षेत्र				
	2.3 - निबंधमाला				
3)	कथावाचन			02 डिसेंबर 2010 ते	
	3.1 - प्रारंभ			30 डिसेंबर 2010	
	3.2 - अल्पक ईशाने काळखंड				
	3.3 - परमपुरुष काळखंड				

Sign. of Faculty Member

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

11
3

Teaching - Plan Academic Year (2017 - 2018)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : P. G. Chaudhary

Department of Marathi

Paper No. III

Paper Name श्री. ग. गी. इतिहास

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
47	प्राचीन इतिहास	परिचय	15	01 जानेवारी 2021	
	4.1 - 1857 ते 1885			30 ते जानेवारी 2021	
	4.2 - 1885 ते 1920				

Sign. of Faculty Member P. G. Chaudhary

P. G. Chaudhary
Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching - Plan Academic Year (2014-2015)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : P. G. Chaudhary

Department of Marathi

Paper No. VII

Paper Name हिंदी-1

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1	गुरुकुल शिक्षण	गुरुकुल शिक्षण	20	1 एप्रिल ते 10 एप्रिल 2015	
	1.1- गुरुकुल शिक्षण 424214				
	गुरुकुल				
	1.2- गुरुकुल शिक्षण 424214				
	1.3- गुरुकुल शिक्षण 424214				
	1.4- 1885-1920 गुरुकुल शिक्षण				
2	कविता : गुरुकुल आणि शिक्षण		20	11 एप्रिल ते 15 मे 2015	
	- गुरुकुल शिक्षण कविता				
	- गुरुकुल शिक्षण कविता				

Sign. of Faculty Member

Principal

Shrikrishna Mahavidyalaya, Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science II

Faculty of Arts/Science/ Management Science

Name of Faculty Member : P. S. Chavhan

Department of Management

Paper No. VII

Paper Name History of India

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
3.	भारत का इतिहास - परिचय	लिखित	20	16 Feb 2022	
	- स. 1. 1800 से 1920 - परिचय				
	- स. 2. 1800 से 1920 - भारत का इतिहास				

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Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching - Plan Academic Year (201~~9~~ - 201~~2~~)

SKMG / 1000 / 2010-11 Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member

Name of Faculty Member : P. V. Chavhan

Department of Mass Media

Department of

Paper No. 1

Paper Name मिडिया विज्ञान

Chapter No. Unit No.	Title / Subject	No. of Period	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	मीडिया संज्ञान		परिचय	12	04 सितंबर 2021 से	
	1.1 - परिचय				25 सितंबर 2021	
	1.2 - विज्ञान					
	1.3 - संस्था संरचना					
	1.4 - संकेत प्रणाली					
2.	संस्था प्रणाली			10	26 सितंबर 2021	
	2.1 - संकेत प्रणाली				2 सितंबर 2021	
	2.2 - संस्था					
	2.3 - विज्ञान प्रणाली					

Sign. of Faculty Member

P. V. Chavhan

Principal
Shrikrishna Mahavidyalaya, Gunjoti
T. Osmana Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching Plan Academic Year (201A - 201)

SKMG / 1000 / 2010 - 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : _____

Department of _____

Paper No. _____

Paper Name _____

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
	2.4 - 4 गिक 24				
37	2.4 - 2 गिक विचार	व्याख्या	12	24 नवंबर 2021	
	3.1 - 2 गिक 24			14 दिसंबर 2021	
	3.2 - विविध गिक				
	3.3 - 4 गिक				
	3.4 - 2 गिक 2 गिक				
	3.5 - 2 गिक 2 गिक 2 गिक				
44	2 गिक	व्याख्या	12	20 नवंबर 2021	
	4.2 - 2 गिक 2 गिक 2 गिक			25 नवंबर 2021	

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Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching - Plan Academic Year (201-201

SKMG / 1000 / 2010-11 Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : _____

Name of Faculty Member : _____

Department of _____

Department of _____

Paper No. _____

Paper Name _____

Chapter No. Unit No.	Title / Subject	No. of Period	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
	4.2 - રાજ્યિકા આગિ શાલે					
	4.3 - રાજ્યિકા - રાજ્યિકા - રાજ્યિકા					
57	સમાજ આગિ આગિ યોજી આગિ	12		વ્યાજવ્યાજ	11 યાગેવારી 2022	
	5.1 વર્ગનાલક વર્ગેવિહાવિષ આ. વિજ્ઞા				25 યાગેવારી 2022	

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya, Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching - Plan Academic Year (2017-2018)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : P. V. Chavhan

Department of Muzathi

Paper No. XIV

Paper Name अभिहित

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1	श्रीकृष्ण की जीवनी व शिक्षण	परिचय	15	07 मार्च 2022 से 29 मार्च 2022	
	1.1 - परिचय				
	1.2 - शिक्षण				
	1.3 - अभिहित				
2	संस्कृत		15	04 अप्रैल 2022 से 26 अप्रैल 2022	
	2.1 - संस्कृत का अर्थ				
	2.2 - संस्कृत का विकास				
	2.3 - संस्कृत का महत्व				
	2.4 - संस्कृत का भविष्य				

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching Plan Academic Year (2010-2011)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : _____

Department of _____

Paper No. _____

Paper Name _____

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
3.	अल्पकाल	02/12/2010	15	02 से 2022 से	
	3.1 - इलेप			31 से 2022	
	3.2 - अणु				
	3.3 - अणु				
	3.4 - अणु				
	3.5 - चेलनागुणोक्ती				
	3.6 - अणु				
	3.7 - अणु				

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching - Plan Academic Year (201-201)

SKMG / 1000 / 2010-11 Class : B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Faculty of Arts / Science / Management Science

Class : B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Name of Faculty Member : _____
Department of _____

Department of _____

Paper No. _____

Paper Name _____

Chapter No. Unit No.	Title / Subject	No. of Period	Method of Teaching	No. of Period	Duration of Date / Month / Year	Remarks
4.	शैली विचार		व्याख्यान	10	06 जून 2022 ले	
	4.1 - श्वर शैली				15 जून 2022	
	4.2 - शिवाजी शैली					
	4.3 - व्यंग्य शैली					
5.	निबंध			05	15 जून 2022 ले	
	1 - वास्तुकीय निबंध (कौशल)				28 जून 2022	
	2 - वैचारिक निबंध (कौशल)					

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (201¹ - 201²)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science III

Faculty of Arts/Science/ Management Science

Name of Faculty Member : P. G. Chaudhary

Department of Mass Media

Paper No. XVI

Paper Name यक्षुष कथा

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
	<u>यक्षुष कथा - VI खण्ड</u>	<u>परिचालित</u>	<u>60</u>	<u>01 अक्टूबर 2021</u> <u>31 मार्च 2024</u>	

Sign. of Faculty Member P. G. Chaudhary

Principal
Shrikrishna Mahavidyalaya, Gunjoti
District - Dhamnabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2017 - 2018)

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/ Management Science

Department of

Management

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : P. V. Chaudhari

Paper No.

XII of XVI

Paper Name

Management

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
I.	Management - 1 sem	Online	60	01 April 2022 to 31 May 2022	

Sign. of Faculty Member

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar For 180 Days

Faculty of Arts

Academic Year: (2021-22)

(Department of Marathi)

Name of Faculty Member: Dr. A.M. Chishki

Term	Month	Teaching Days	Theory Periods	Practical Periods	Total Periods
First Term	October	22	76		
	November	16	53		
	December	26	86		
	January	24	82		
	February	06	—		
Total 1		94	297		
Second Term	March	25	82		
	April	23	75		
	May	24	80		
	June	26	63		
Total 2		98	300		
Total 1 + 2		192	597		

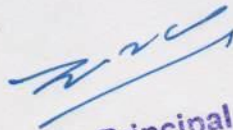
Total Working Days = 192

Total Theory Periods = 597

Total Practical Periods = Nil



Signature of Faculty Member



Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tal. Omega Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010 - 11
Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Department of Marathi

Name of Faculty Member : Dr. A.M. Chishati

Paper No. I (opt.)

Paper Name काव्यात्म साहित्य

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
①	निवडक कवींच्या कवितांचा अभ्यास केशवसुत - ① कोणीकडून ② कोणीकडे	व्याख्यान	10	01 ऑक्टोबर 2021 ते 18 ऑक्टोबर 2021	
②	मूर्तिभंजन ③ तुतारी ④ कविता आणि कवी ⑤ प्रीति.				
②	बहिणाबाई चौधरी - ① मन	व्याख्यान	10	21 ऑक्टोबर 2021 ते 30 ऑक्टोबर 2021	
	② संसार ③ उगवले नारायण				
	④ खोपा ⑤ हिरिताचं देनं घेनं.				
③	कुसुमाभ्रज - ① सात ② माळाचे मनोगत ③ स्वप्नांची समाप्ती	व्याख्यान	10	11 नोव्हेंबर 2021 ते 27 नोव्हेंबर 2021	

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Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching - Plan Academic Year (2021-2022)

SKMG / 1000 / 2010-11 Class : B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Faculty of Arts/Science/ Management Science

Department of Marathi

Name of Faculty Member : Dr. A.M. Chishti

Department of

Paper No. I

Paper Name काव्यात्म साहित्य

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
④	अथर्वश्रुति (१) सर्वात्मिका शिवसुंदरा				(1)
④	नारायण सुर्वे - (१) दोन दिवस	व्याख्यान	10	28 नोव्हेंबर 2021	
	(२) मनी आँडर (३) कालमावस (४) तुमकंव			18 डिसेंबर 2021	
	नाव लिवा (५) चार शब्द				
⑤	अरुण कोलटकर - (१) प्रीतिनेश्वरसमाधि	व्याख्यान	10	28 डिसेंबर 2021 ते	
	- वर्गन (२) मेवक्ती (३) घागा (४) अन्न			08 जानेवारी 2022	
⑤	भूपाळी				
⑥	नामदेव हमाळ - (१) रमाबाई आंबेडकर	व्याख्यान	10	10 जानेवारी 2022	
	(२) पाणी (३) कॉ-अर्थन १२ बलुनेदारा सुधी			ते 31 जानेवारी 2022	
	(४) मूख म्हाता-थान डोव्हर लालबिले.				
	(५) अंधाराने सूर्य पाहिला नेव्हा.				

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Ta. Omerda Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11
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Department of _____

Name of Faculty Member : Dr. A.M. Chishti

Paper No. III (SU)

Paper Name गद्य-पद्य उपयोजित मराठी

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
	गद्य विभाग	व्याख्यान	20	01 ऑक्टोबर 2021 ते 13 नोव्हेंबर 2021	
①	छत्रपती शिवाजी महाराजांच्या काव्यी स्वरूप - प्र.न. देशपांडे				
②	लोकसंस्कृती आणि जागतिकीकरण - डॉ. दत्ता. भास्कर				
③	मरणाने डाव साधला नविवान हातदिला सौ. सिध्दाई सपकाळ				
④	लोकराज मा.या.पवार साहेब - प्र.लक्ष्मण होबळे.				
⑤	वही - सुरेश पाटील (इलेक्टर)				
	पद्य विभाग	व्याख्यान	20	15 नोव्हेंबर 2021 ते 18 डिसेंबर 2021	
①	निष्कर्ष - सुहासिनी इलेक्टर				

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Name of Faculty Member : Dr. A.M. Chishti

Paper No. III (SU)

Paper Name गद्य-पद्य उपयोजित मराठी

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
2	आकाशाभुवदा - सदानंद सिनगारे				
3	सा-या दशलाख लागली वाळवी - पूदीप पाटील.				
4	कुंगवी माझा! अनिल गव्हाण				
5	वीरसा - बाबाशव मडवी				
6	अनंद दारावून बोर पडताना - संजीवनी तडेगावकर				
3	उपयोजित मराठी	व्याख्यान	20	23 डिसेंबर 2021 ते 29 जानेवारी 2022	
1	परिभाषा - तंत्र स्वरूप व उपयोजन परिभाषेचे स्वरूप व वैशिष्ट्ये, परिभाषेची आवश्यकता, शासन व्यवहारातील परिभाषा, विज्ञानाची परिभाषा, कार्यालयीन परिभाषा वाडमधील परिभाषा इ.चा परिचय व उपयोजन				

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Department of Marathi

Name of Faculty Member : Dr. A.M. Chishti

Paper No. III (CS)

Paper Name गद्य यद्य उपयोजित मराठी

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
②	आकाशवाणी प्रसार माध्यम : लेखन तंत्र व उपयोजन - आकाशवाणी आव्य प्रसार माध्यम - स्वरूप, आकाशवाणी या प्रसार माध्यमाचे दृष्टक परिचय (कार्यक्रम) वातमी, श्रुतिका, नमोनाथ संवाद, भाषण मुलाखत इ. आकाशवाणीच्या प्रभाव - ज्ञान व विद्वानाद्वारे संस्कार लोकप्रवाधन वातम्यांच्या प्रसार, मनोरंजन नैसर्गिक संकटाची पूर्वकल्पना, विविध सूचना.	व्याख्यान			
③	पुस्तक परिचय - तंत्र व स्वरूप वाउमथलेखन प्रकारांच्या परिचय उदा. कथा, कादंबरी, कविता चरित्र आत्मचरित्र, निबंध इ. वाउमथेतर लेखन प्रकारांच्या परिचय उदा. सामाजिकशास्त्र, विज्ञान, वाणिज्य	व्याख्यान			

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Faculty of Arts/Science/ Management Science

Name of Faculty Member : Dr. A.M. Chidambur

Department of Marathi

Paper No. III (SL)

Paper Name गद्य-पद्य उपयोजित मराठी

Chapter No. Unit No.	Title / Subject	No. of Period	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
	विषयक, विधीविषयक					
(4)	जलनियोजन - तंत्र व स्वरूप. जलनियोजनाचे महत्त्व जलनियोजन द्वारे आणि शेती. हिरगातील जलनियोजन शेतीसाठी जलनियोजन पिठ्यासाठी जलनियोजन.		व्याख्यान			

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Department of Marathi

Name of Faculty Member : Dr. A.M. Chisur

Paper No. VI (opt)

Paper Name दुक-प्राव्य माह्यमांसाडी लेखन कौशल्ये

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	नभोवाणी -	व्याख्यान	20	05 ऑक्टोबर 2021 ते	
1.1	नभोवाणी स्वरूप आणि कार्य.			17 नोव्हेंबर 2021	
1.2	नभोवाणी संप्रेषण 1-3 नभोवाणी				
	वरील भाषा, चर्चा व मुलाखत				
1.4	नभोवाणी वरील वातमय.				
1.5	रूपक, श्रुतिका आणि नभोनाट्य.				
1.6	नभोवाणीच्या जाहिराती.				
2.	दूरचित्रवाणी. - 2.1 - दूरचित्रवाणी	व्याख्यान	20	18 नोव्हेंबर 2021 ते	
	स्वरूप कार्य व चिस्सुर				
2.2	दूरचित्रवाणी लेखन व निर्मिती.			22 डिसेंबर 2021	
2.3	दूरचित्रवाणी कार्यक्रमांचे प्रकार				
2.4	दूरचित्रवाणी वरील वातमय.				

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Name of Faculty Member : Dr. A.M. Chishmi

Department of Marathi

Paper No. VI

Paper Name दुक-प्राव्य माध्यमांसाठी लेखन कौशल्ये

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
3.	संकेत स्थळ -	व्याख्यान व प्राव्याक्षिक	20	23 डिसेंबर 2021 ते	
3.1	संकेतस्थळ संकल्पना आणि उपयोग			27 जानेवारी 2022	
3.2	संकेतस्थळाचा परिचय				
3.3	संकेत स्थळावर साहित्यविषयक दृष्टांतो.				
3.4	ई-डिजिटलरी, विष्वकोष.				

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Name of Faculty Member : Dr. A.M. Chishti

Paper No. IX

Paper Name भारतीय साहित्यविचार

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	साहित्याचे स्वरूप	व्याख्यान	12	04 ऑक्टोबर 2021 ते	
1.1	व्याख्या - (मामह, दंडी, हेमचंद्र, वामन सुप्रत, मम्मट, विखनाथ व इतर संस्कृत अभ्यासकांच्या मतांचा विचार)			25 ऑक्टोबर 2021	
1.2	लक्षण - अलंकार, वक्रोक्ती, शीति, औचित्य, ध्वनी, रस.				
2.	साहित्याची प्रयोजने - मामह, दंडी, भरतमुनी आदींची मते मम्मटाचा प्रयोजनविचार	व्याख्यान	10	26 ऑक्टोबर 2021 ते	
				23 नोव्हेंबर 2021	

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Name of Faculty Member : Dr. A.M. Chishur

Paper No. IX

Paper Name भारतीय साहित्यविचार

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
3.	साहित्याची निर्मिती प्रक्रिया - (प्रतिभा , व्युत्पन्नता , अभ्यास व इतर पुरक कारणे .	व्याख्यान	12	29 नोव्हेंबर 2021 ते 14 डिसेंबर 2021	1.1
4.	रसविचार - ① भरताचे रससूत्र ② भटलोल्लट श्रीशंकु क भट्टनायक व आभिनवगुप्त यांच्या मतांच्या विचार. रससंख्या , रसविघ्न .	व्याख्यान	15	20 डिसेंबर 2021 ते 10 जानेवारी 2022	1.1
5.	शब्दशक्ती व अर्थविचार	व्याख्यान	12	11 जानेवारी 2022 ते 25 जानेवारी 2022	1.1

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Department of Marathi

Name of Faculty Member : Dr. A.M. Chishur

Paper No. XI

Paper Name मध्ययुगीन मराठी वाङ्मयाच्या इतिहास (प्रारंभ ते १६००)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	मराठीच्या प्रारंभकाल व मुकुटराज	व्याख्यान	10	01 ऑक्टोबर 2021 ते 20 ऑक्टोबर 2021	
2.	महानुभाव पंथ आणि त्यांचे वाङ्मयीन कार्य - ① महानुभाव पंथाचे तत्त्वज्ञान ② महानुभाव पंथाचे पंचकूण ③ महानुभावांचे वाङ्मयीन कार्य ④ महानुभावांचे गद्य साहित्य ⑤ महानुभावांचे पद्य साहित्य.	व्याख्यान	15	22 ऑक्टोबर 2021 ते 27 नोव्हेंबर 2021	
3.	वारकरी संप्रदाय आणि त्यांचे वाङ्मयीन कार्य - ① संत ज्ञानेश्वर ② संत नामदेव ③ ज्ञानेश्वर पंचकूण ④ ज्ञानाबाई ⑤ चौखामेळा ⑥ कममेळा ⑦ गोरकुमार ⑧ विसोबा खेचूर ⑨ सावंता माळी ⑩ नरहरी सोनार ⑪ परिसा भागवत ⑫ सेनांन्हावी ⑬ काव्य-पात्र	व्याख्यान	15	29 नोव्हेंबर 2021 ते 26 डिसेंबर 2021	

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Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc. / M.A. / M.Sc / Management Science

Name of Faculty Member : Dr. A.M. Chishti

Department of Marathi

Paper No. IX

Paper Name मध्ययुगीन मराठी वाङ्मयाचा इतिहास (प्रारंभ ते १६००)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
4.	वहामनीकालीन मराठी साहित्य - (1) दत्त संप्रदाय (2) दासोपंत (3) संत एकनाथ (4) संत एकनाथांची वाङ्मय रचना.	व्याख्यान	10	27 डिसेंबर 2021 ते 11 जानेवारी, 2022	
5.	संत तुकाराम आणी संत रामदास (1) संत तुकाराम (2) संत तुकारामांची गाथा (3) संत तुकारामांचे कवित्व (4) समर्थ रामदास (5) संत रामदासांचे साहित्य.	व्याख्यान	10	14 जानेवारी 2022 ते 28 जानेवारी 2022	
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Department of Marathi

Name of Faculty Member : Dr. A.M. Chishti

Paper No. III

Paper Name कथात्म साहित्य

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	सरत्या पावसाळ्यातील राम - वी, रघुनाथ	व्याख्यान	05	03 मार्च 2022 ते 08 मार्च 2022	
2.	भोमक्या - अण्णाभाऊ सोठ	"	05	10 मार्च 2022 ते 17 मार्च 2022	
3.	अंतःकरणाचे रत्नदीप - विशावरी शिरूरकर	"	06	19 मार्च 2022 ते 26 मार्च 2022	
4.	नदीकाठचा प्रकार - द. मा. मिरासदार	"	05	28 मार्च 2022 ते 04 एप्रिल 2022	
5.	गांधीजी 2009 - शंभूनाथ पठारे	"	06	07 एप्रिल 2022 ते 16 एप्रिल 2022	
6.	आपण माणसात जमा नाही - राजन गवस	"	05	18 एप्रिल 2022 ते 23 एप्रिल 2022	
7.	हिशोब - आस्कर चंदनशिव	"	06	25 एप्रिल 2022 ते 05 मे 2022	
8.	चोकी - आवसाहेब काधमारे	"	06	06 मे 2022 ते 14 मे 2022	

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Name of Faculty Member : Dr. A.M. Chishti

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Paper No. III

Paper Name क्यात्म साहित्य

Chapter No. Unit No.	Title / Subject	No. of Period	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
9.	अठ्ठा - पुन. पी. डग्लि	05	व्याख्यान	05	19 मे 2022 ते 26 मे 2022	1
10.	केडी - झा. रा. पांडित	05	व्याख्यान	05	27 मे 2022 ते 04 जून 2022	2
11.	तीन पवर्ल दान- कुमार खरान	06	व्याख्यान	06	06 जून 2022 ते 16 जून 2022	3

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Name of Faculty Member : Dr. A.M. Chitambar

Paper No.

IV (SC)

Paper Name

गद्य-पद्य उपयोजित मराठी

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
	गद्य विभाग	व्याख्यान	20	03 मार्च 2022 ते 02 एप्रिल 2022	
①	चिपाड - अंबदास केदार				
②	मिरगीपेर - विजय जावळे				
③	कादूर - अंजली भयवान				
④	गाथरान - पुकनाथ खिल्लारे				
⑤	भूक - उमेश मंगरते				
	पद्य विभाग	व्याख्यान	20	07 एप्रिल 2022 ते 12 मे 2022	
①	गर्भाशयान असताना - म. मो. जोशी				
②	आवा - शिवाजी माकती पाटील				

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Department of Marathi

Name of Faculty Member : Dr. A.M. Chishti

Paper No. IV

Paper Name शद्य-यद्य उपयोजित मराठी

Chapter No. Unit No.	Title / Subject	No. of Period	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
3	पाचटाच्या मुलखाले - कव्यनाटुष्टाक					
4	जागलं - शिवाजी मराठीक					
5	कळसूनी वाडूली - भारती रेवडकर					
6	हिशीव चुकता करा - वि.सो. कराट					
	उपयोजित मराठी		व्याख्यान	20	19 मे 2022 ते 18 जून 2022	
7	संगणककक्षेत्रातील संकल्पना : स्थूल परिचय - हार्डवेअर, विंडोज, फाइल फोल्डर, डाटा, संगणककक्षेत्रातील भारतीय समाजावरून संगणककक्षेत्राचा प्रभाव.					

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010 - 11
Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Department of Marathi

Name of Faculty Member : Dr. A.M. Chitambar

Paper No. IV

Paper Name गद्य-पद्य उपयोजित मराठी.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
2.	संगणकाची वैशिष्ट्ये - अचूक काम, प्रचंड वेग कामाची सलगता, माहितीचे संक्रमण व सादरीकरण, कामाची विविधता स्वविचारक्षमता नादी	व्याख्यान			
3.	मराठी समाजावरील संगणकाचा प्रभाव - सामाजिक क्षेत्राचे मार्गदर्शन, नैसर्गिक आपत्तीचे पूर्व-कथन, लोकसंख्याबद्दलचे मार्गदर्शन, निवडगुक व मतदानक्षेत्र, हवामानाचा अंदाज, वैज्ञानिक संशोधन, साहित्य क्षेत्रातील उपयोग, अंतराळ संशोधनाचे नियोजन.	व्याख्यान			
4.	इंटरनेट : स्वरूप आणि कार्यप्रणाली	व्याख्यान			

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching - Plan Academic Year (2011-2012)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Dr. A.M. Chishti

Department of Marathi

Paper No. IV (54)

Paper Name शाय-पद्य व उपयोजित मराठी

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
4.	इंटरनेट : अर्थ आणि व्याख्या वेबसाईट, ई-मेल, चॅट, सर्चिंग ब्राउझिंग, अकाउंट, इंटरनेटचा भारतीय समाजावरील प्रभाव सामाजिक परिवर्तन, हवामानाच्या अंदाज सेवा उद्योग, संपर्क साधने, संदेशाची सुलभता, व्यापारातील वाढ.	व्याख्यान			

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010 - 11

Class : B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Dr. A.M. Chishti

Department of Marathi

Paper No. VIII

Paper Name साहित्य प्रकारांतर आणि साहित्याचे माध्यमांतर

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	साहित्य प्रकारांतराची संकल्पना व स्वरूप.	व्याख्यान	15	02 मार्च 2022 ते 31 मार्च 2022	
1.1	साहित्य प्रकारांतर म्हणजे काय ?				
1.2	साहित्य प्रकारांतर ! मूळ रचनाविद्येस सोडून नवी रचनाबंधाव्ययी निर्मिती.				
1.3	वाङ्मय प्रकारांतराची लेखकाना वाटणारी आवश्यकता.				
1.4	(उदा. मुकाबिकेचे नाटक, कादंबरीचे नाटक करणे)				
14.	साहित्य प्रकारांतराची काही उदाहरणे				
घटक 2	'माध्यम' संकल्पना : प्रकार व वैशिष्ट्ये.	व्याख्यान	15	05 जुलै 2022 ते 28 जुलै 2022	
2.1	महत्वाची माध्यमे : मुद्रित, श्राव्य व दृक्-श्राव्य माध्यम				
2.2	माध्यम व साहित्य यांचा अनुबंध				

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching Plan Academic Year (2021-2022)

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Faculty of Arts/Science/ Management Science

Department of Marathi

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Dr. Am. Chishti

Paper No. III

Paper Name

साहित्य प्रकारांतर आणि साहित्याचे माध्यमांतर

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
2.3	माध्यमासाठी साहित्याची आवश्यकता				
2.4	साध्यम : आधुनिक काळाची गरज				
घटक 3	माध्यमासाठीचे लेखन	व्याख्यान	15	04 मे 2022 ते 26 मे 2022	
3.1	मुद्रित साध्यमासाठीचे लेखन (स्थूलपरिचय) (संदर्भ लेखन, स्फूर्तलेखन, अग्रलेख, ग्रंथपरीक्षण इ.)				
3.2	श्राव्य साध्यमासाठीचे लेखन (श्रुतिका व नभोनाट्य लेखन)				
3.3	दृक-श्राव्य साध्यमासाठीचे लेखन (पटकथा लेखन (मालिकेसाठी) साहित्यावश्यक अन्य कार्यक्रम उदा. वाचन तर वचन साहित्य विक्रय गोष्ठा, मुलाखती इ.)				

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching Plan Academic Year (201-202)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Dr. Am. Chidambhar

Department of Marathi

Paper No. VIII

Paper Name साहित्य प्रकारांतर आणि साहित्याचे माध्यमांतर

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
3.4	माध्यम लेखनाची वैशिष्ट्ये - (उदा. संवाद लेखन चित्रिकरणाचे भ्रान असणे, ह्यनी संयोजन पार्य- -संज्ञिया वापर, कथेचा मुकवर्तन रक्ष्यमत्त इ.)				
घटक 4:	साहित्याचे माध्यमांतर (चित्रपटाचा विशेष संदर्भान)	व्याख्यान	15	01 जून 2022 ते 23 जून 2022	
4.1	चित्रपट, पटकथा लेखनाचे स्वरूप				
4.2	कथा वा कादंबरीकरण चित्रपटक- -था लेखनाचे वेगळेपण				
4.3	लघुपट व लघुपटाचे कथालेखन				
4.4	मराठी साहित्य व चित्रपट : एक अनुभव				
	साहित्यकृती ① नटरंग - आनंद यादव				

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching Plan Academic Year (2021 - 2022)

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Faculty of Arts/Science/ Management Science

Department of

Marathi

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Dr. A.M. Chishu

Paper No. XIII

Paper Name पाश्चात्य साहित्यविचार

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
घटकक्र. 1	साहित्याचे स्वरूप	व्याख्यान	15	07 मार्च 2022 ते 28 मार्च 2022	
1-1	व्याख्या - (हॅसलिट, सरिकेन, कोनरिज, कोर्टोप, कार्लोइन, वडस्वर्थ, मथ्यू, अर्नोल्ड, कोट व इतर.				
1-2	लक्षणे - कल्पना, भावना, बुद्धी, लयबद्धता, शैली				
घटकक्र. 02	साहित्याची प्रयोजने - पलायनवाद, स्वप्नरंजन, जिज्ञापूर्वक जिज्ञासापूर्ती, आत्मविचार, उद्बोधन, विरचन (कथासिंहा) व प्रचार.	व्याख्यान	15	04 एप्रिल 2022 ते 26 एप्रिल 2022	
घटकक्र. 03	साहित्याची निर्मिती प्रक्रिया - थिओमंड फ्राइड, काल गुस्ताव गुंग, मुफ्सी, प्रिस्कॉट कोनरिज, टी-गुस, गालियर, मरे, कार्लो गुर, यॉन्च, निर्मिती प्रक्रियेसंदर्भात मत.	व्याख्यान	15	02 मे 2022 ते 31 मे 2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



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Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Dr. A.M. Chishhi

Department of Marathi

Paper No. XIII

Paper Name प्रास्ताव्य साहित्यविचार

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
४-०५	माकसीवादी साहित्यविचार	व्याख्यान	15	०६ जून २०२२ ते २४ जून २०२२	
४-१	कार्ल मार्क्सचा साहित्यविषयक इष्टीकोन				
४-२	समाजवादी वास्तववाद				
४-३	परात्मतेची संकल्पना				
४-४	गांधीलकीची संकल्पना.				

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



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Teaching Plan Academic Year (201-201-2)

SKMG / 1000 / 2010-11
Faculty of Arts/Science/ Management Science
Department of Marathi

Class : B.A. / B.Sc./M.A/M.Sc / Management Science
Name of Faculty Member : Dr. A.M.Chishti

Paper No. XV

Paper Name मध्ययुगीन मराठी वाङ्मयचा इतिहास (१९०९ ते १९९८)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
घटक क्र ०१	पंडिता साहित्य - प्रेरणा, स्वरूप व वैशिष्ट्ये	व्याख्यान	15	०५ मार्च २०२२ ते २९ मार्च २०२२	
घटक क्र ०२	मुक्तेश्वर, वामन पंडित, शुकुनाथ पंडित सामराज श्रीधर मोरीपंत यांचे ग्रंथ आणि ग्रंथकारांच्या परिचय	व्याख्यान	15	०१ एप्रिल २०२२ ते २९ एप्रिल २०२२	
घटक क्र ०३	शाहिरी वाङ्मय - प्रेरणा, स्वरूप व वैशिष्ट्ये -	व्याख्यान	15	३० एप्रिल २०२२ ते २४ मे २०२२	
	परशुराम राम जांजी, हीनाजी वाळू, अनंत फंदी, सगनभाडू, प्रभाकर यांच्या वाङ्मयाचा परिचय				

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Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Dr. A.M. Chishu

Department of Marathi

Paper No. XV

Paper Name सह्ययुगीन मराठी वाङ्मयाचा इतिहास (१६०० ते १८९८)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
घटकक्र.०५	वखर वाङ्मय प्रेरणा, स्वरूप व वैशिष्ट्ये	व्याख्यान	15	30 मे 2022 ते	
	शिवपूर्वकालीन वखरी, शिवकालीन वखरी, पेशवेकालीन वखरी यांचा परिचय			24 जून 2022	

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Shrikrishna Mahavidyalaya, Gunjoti

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar For 180 Days

Faculty of Art

Academic Year: (2021-22)

(Department of Hindi)

Name of Faculty Member: Prof. Dr. B.E. Konale

Term	Month	Teaching Days	Theory Periods	Practical Periods	Total Periods
First Term	October	22	15	11	31
	November	16	11	11	24
	December	26	18	16	34
	January	24	17	17	34
	February	06	04	04	08
Total 1		94	65	59	131
Second Term	March	25	19	16	36
	April	23	16	17	33
	May	24	18	18	37
	June	26	18	16	35
Total 2		98	71	67	141
Total 1 + 2		192	146	126	272

Total Working Days = 192

Total Theory Periods = 690

Total Practical Periods = -

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Tal. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

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Faculty of Arts/Science/Management Science

Department of Hindi

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Dr. B. E. Korale

Paper No. 5

Paper Name Samanya Hindi

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1	परिचय, आभारार्थक और उद्देश्य	व्यक्तिगत	06	4, 5, 6, 7 11, 12 Oct 2021	
2)	कथा संसार - कहानी का विकास पुस्तक	"	04	13, 14, 18, 20 Oct 2021	
3)	साहित्य और पुरुष - प्रेमचंद	"	04	21, 25, 26, 27 Oct 2021	
4)	हृदय का जीत - सुदर्शन	"	04	28 Oct 2021, 11, 15, 16 Nov 2021	
5)	दो सौंठे - आशापतिवरा कवि	"	04	17, 18, 22, 23 Nov 2021	
6)	गोरी - सुभद्रा कुमारी चौधरी	"	04	24, 25, 29, 30 Nov 2021	
7)	एक वक्ता - आशापतिवरा कवि	"	04	1, 2, 6, 7 Dec 2021	
8)	पंचकण्ठ - फणीश्वरनाथ रेणु	"	04	8, 9, 13, 14 Dec 2021	
9)	अपरिचित	"	04	15, 16, 2021 Dec 2021	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

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SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc/ Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Dr. B.F. Korale

Department of Hindi

Paper No. 5

Paper Name Samanya Hindi

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
10)	हिंदी भाषा का इतिहास	—	06	22, 23, 27, 28, 29, 30 Dec 2021	
11)	हिंदी भाषा का विकास	—	06	3, 4, 5, 6, 11, 12 Jan 2022	
12)	हिंदी भाषा का वर्णमाला	—	06	13, 17, 18, 19, 20, 24 Jan 2022	
13)	हिंदी भाषा का व्याकरण	—	05	25, 26, 27, 31 Jan 2022	
14)	हिंदी भाषा का लेखन	—	02	1, 2, Feb 2022	
15)	हिंदी भाषा का गद्य	—	02	03, 4 Feb 2022	

Sign. of Faculty Member Dr. B.F. Korale

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

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Faculty of Arts/Science/ Management Science

Department of Hindi

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Dr. B. E. Konale

Paper No. II

Paper Name Saranyo Hindi

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1)	विष्णु का उद्धार	विष्णु का उद्धार	02	1, 2 March, 2022	
2)	विष्णु का उद्धार	विष्णु का उद्धार	03	3, 7, 8, March 2022	
3)	विष्णु का उद्धार	विष्णु का उद्धार	03	9, 10, 14 March 2022	
4)	विष्णु का उद्धार	विष्णु का उद्धार	04	15, 16, 17, 21 March 2022	
5)	विष्णु का उद्धार	विष्णु का उद्धार	04	22, 23, 24, 28, March 2022	
6)	विष्णु का उद्धार	विष्णु का उद्धार	04	29, 30, 31 Mar & 4 Apr 2022	
7)	विष्णु का उद्धार	विष्णु का उद्धार	04	5, 6, 7, 11 Apr 2022	
8)	विष्णु का उद्धार	विष्णु का उद्धार	04	12, 13, 14, 18 Apr 2022	
9)	विष्णु का उद्धार	विष्णु का उद्धार	04	19, 20, 21, 25 Apr 2022	

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Shrikrishna Mahavidyalaya, Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021) - 2022

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Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Dr. B. E. Konace

Department of Hindi

Paper No. _____

Paper Name IT

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
10)	पुस्तक-पत्रिका, समाचारपत्र, अखबार, दूरदर्शन, टी.वी. कार्यक्रम	ऑनलाइन	07	26, 27, 28, अप्र. 2, 3, 4, 5 MAY 2022	
11)	ऑनलाइन माध्यम से 16 घंटे का कार्य	- 11 -	07	9, 10, 11, 12, 16, 17, 18 MAY 2022	
12)	ऑनलाइन माध्यम से 29 घंटे का कार्य	- 11 -	08	19, 23, 24, 25, 26, 30, 31 MAY 5 JUNE 2022	
13)	ऑनलाइन माध्यम से कार्य	- 11 -	10	2 Jun to 28 Jun 2022	
14)	ऑनलाइन माध्यम से कार्य	- 11 -	02	29, 30 Jun 2022	

Sign. of Faculty Member Dr. B. E. Konace

Principal [Signature]



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc./M.A./M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Department of Hindi

Name of Faculty Member : Dr. B.E. Konale

Paper No. 2

Paper Name Upanyas Sahitya

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1)	परिचय और परिभाषा का अर्थ	परिचय	02	4,5 oct 2021	
2)	विषय 'अर्थ' का अर्थ	- 11 -	02	6,7 oct 2021	
3)	परिभाषा - अर्थ का अर्थ	- 11 -	05	11,12,13,14,18 oct 2021	
4)	परिभाषा - अर्थ का अर्थ	परिभाषा	10	20 oct to 17 Nov 2021	
5)	परिभाषा - अर्थ का अर्थ	- 11 -	10	18 Nov to 6 Dec 2021	
6)	परिभाषा - अर्थ का अर्थ	परिभाषा	08	7 Dec to 15 Dec 2021	
7)	परिभाषा - अर्थ का अर्थ	परिभाषा	10	16 Dec 2021 to 3 Jan 2022	
8)	परिभाषा - अर्थ का अर्थ	- 11 -	10	4 Jan to 19 Jan 2022	
9)	परिभाषा - अर्थ का अर्थ	परिभाषा	10	20 Jan to 7 Feb 2022	

Sign. of Faculty Member B.E. Konale

Principal [Signature]



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Dr. B. P. Konale

Department of Hindi

Paper No. 5

Paper Name Gradya Sahitya

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1)	पुष्पक और उदय	अभिनय	03	1, 2, 3 May 2022	
2)	कठिन शरण के विषय	- " -	04	7, 8, 9, 10 May 2022	
3)	कथाकार- (महा) विष्णु संकीर्ण और शिव	अभिनय	21	14 May to 19 Apr 2022	
4)	कथाकार शरण के विषय	अभिनय	11	20 Apr to 9 May 2022	
5)	कथाकार- (महा) विष्णु और शिव	अभिनय	25	10 May to 21 Jun 2022	
6)	पुष्पक के युद्ध		06	24 Jun to 30 Jun 2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

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Faculty of Arts/Science/ Management Science

Department of

Hindi

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Dr. B.E. Koralle

Paper No. 1996



Paper Name Kathasar Gadhyas
Sahitya

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1)	विष्णुसहस्रनाम	संवाद	04	1, 4, 5, 8 Oct 2021	
2)	वैदिक साहित्य	- 11 -	25	9 Oct to 4 Dec 2021	
3)	वैदिक साहित्य	- 11 -	25	6 Dec 2021 to 18 Jan 2022	
4)	विष्णुसहस्रनाम	- 11 -	06	21 Jan 22 to 29 Jan 2022	
5)	विष्णुसहस्रनाम	- 11 -	08	31 Jan 22 to 7 Feb 2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc. / M.A / M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Dr. B.E. Konale

Department of Hindi

Paper No. VII

Paper Name Adhyatik Hindi Kavita

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1)	गिरजाधर जी के उद्देश्य	आलोचना	04	4, 5, 7, 8 APR 2022	
2)	शिवजी के जीवन पर कवि	- 11 -	04	11, 12, 14, 15 MAY 2022	
3)	शिवजी के जीवन पर कवि	आलोचना	25	18 MAR 2022 to 30 APR 2022	
4)	शिवजी	- 11 -	25	2 MAY 22 to 13 JUN 2022	
5)	गिरजाधर जी के उद्देश्य	- 11 -	05	14, 17, 18, 20, 21 JUN 2022	
6)	गिरजाधर जी	आलोचना	04	24, 25, 27, 28 JUN 2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

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Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Department of Hindi

Name of Faculty Member : Dr. B.E. Konale

Paper No. X

Paper Name Adi Tatha Madya Yugin Sahitya ka Itihās

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1)	प्राचीन काल का साहित्य	— 11 —	02	1, 6 Oct 2021	
2)	द्वितीय साहित्य इतिहास - केदारकाल का साहित्य	— 11 —	06	7, 8, 9, 13, 14, 16 Oct 2021	
3)	आदिकाल का साहित्य इतिहास	— 11 —	06	20, 21, 22, 23, 27, 28 Oct 2021	
4)	तीसरा काल, तृतीय साहित्य इतिहास	— 11 —	05	29, 30 Oct to 13 Nov 2021	
5)	चतुर्थकाल - चतुर्थ, विद्यमान काल का साहित्य	— 11 —	06	17 Nov to 26 Nov 2021	
6)	आदिकाल का साहित्य इतिहास	— 11 —	06	27 Nov to 8 Dec 2021	
7)	द्वितीय काल - द्वितीय, तृतीय	— 11 —	05	9, 10, 11, 15, 16 Dec 2021	
8)	तीसरा काल - तृतीय, चतुर्थ	— 11 —	05	17, 18, 22, 23, 24 Dec 2021	
9)	आदिकाल का साहित्य इतिहास	— 11 —	06	29 Dec to 6 Jan 2022	

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Shrikrishna Mahavidyalaya, Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010- 11

Class : B.A. / B.Se./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : DR. B.E. Konale

Department of Hindi

Paper No. X

Paper Name Adi tatha Madhyakalim
Sahitya ka Itihās

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
10)	श्रीमद्भागवत साहित्य - श्रीमद्भागवत श्रीमद्भागवत, श्रीमद्भागवत	परिचय	05	17 Jan to 15 Jan 2022	
11)	रामायण - कथा, चरित्र श्रीमद्भागवत	- 17	- 05	19 Jan 27 Jan 2022	
12)	विलम्बित 45 युग-परिचय	- 11	06	28 Jan to 5 Feb 2022	

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Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Department of Hindi

Name of Faculty Member : Dr. B. E. Konale

Paper No. XIV

Paper Name Adhunik Hindi

Sabitja Ka Itihās

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1)	416नईन का उद्देश	अभ्यास	02	2, 3 Mar 2022	
2)	311सुखीत का उद्देश	- 11 -	02	4, 5, Mar 2022	
3)	अनन्य भाषाएँ - शास्त्रोक्त उद्देश	- 11 -	03	9, 10, 11 Mar 2022	
4)	विद्वानुद्देश उद्देश	- 11 -	02	12, 16 Mar 2022	
5)	एकानुद्देश उद्देश	- 11 -	03	17, 18, 19, Mar 2022	
6)	युवाविद्देश उद्देश	- 11 -	03	23, 24, 25 Mar 2022	
7)	युवाविद्देश उद्देश	- 11 -	03	26, 30, 31 Mar 2022	
8)	एक उद्देश	- 11 -	02	2, 3 Apr 2022	
9)	एक उद्देश	- 11 -	02	4, 5 Apr 2022	

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Shrikrishna Mahavidyalaya, Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Dr. B.E. Jonale

Department of Kannada

Paper No. XIV

Paper Name Adhunik Kannada
Samitya Ka Itihasa

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
10)	ಗ್ರೀಕು ಭಾಷಣದ ಅಭಿವೃದ್ಧಿ	ಅನುಭವ	02	9, 10 Apr. 2022	
11)	ಲಯೋನಗೀತೆ - ಲಯೋನ ಭಾಷಣ	- 11 -	12	11 Apr to 1 May 2022	
12)	ಐತಿಹಾಸಿಕ - ಶಾಕೇ, ಅರಬ್ಬರು ಸುಯೇಬ್, ಲಯೋನ, ಸಿಂಧು ನದಿ	- 11 -	12	2 May to 22 May 2022	
13)	ಲಯೋನಗೀತೆ - ಐತಿಹಾಸಿಕ	- 11 -	12	23 May to 5 Jun 2022	
14)	ಹಿರೋನಿಮಸ್ ಹೀನಿ	- 11 -	10	10 Jun to 25 Jun 2022	
15)	ಹಿರೋನಿಮಸ್	- 11 -	02	29, 30 Jun 2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/ Management Science

Department of Hindi

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Dr. B.E. Korale

Paper No. XV

Paper Name Prakalp Karya

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1)	160, 170, 180 का 2106 का विषय	11	15	27 Oct 2021 to 30 Oct 2021	
2)	2106 का	- 11 -	10	11 Nov to 27 Nov 2021	
3)	3110 का 1103 का विषय	- 11 -	15	29 Nov to 23 Dec 2021	
4)	3103 का 1103 का विषय	- 11 -	15	27 Dec to 10 Jan 2022	
5)	1103 का	- 11 -	10	22 Jan 2022 to 7 Feb 2022	

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Shrikrishna Mahavidyalaya, Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Dr. B. E. Konace

Department of Urdu

Paper No. XV

Paper Name Prakalp Kavya

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1)	1) 2000 4444 44444444	Amal	10	1 May to 17 May 2022	
2)	2) 4444 4444 - 4444 4444	-11-	12	19 May to 7 Apr. 2022	
3)	3) 4444 4444	-11-	15	9 Apr to 5 May 2022	
4)	4) 4444	-11-	15	7 May to 31 May 2022	
5)	5) 4444 4444	-11-	15	2 Jun to 27 Jun 2022	
6)	6) 4444	-11-	02	28, 30 Jun 2022	

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Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omega Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar For 180 Days

Faculty of Arts

Academic Year: (2021-2022)

(Department of Hindi)

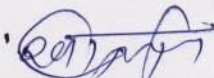
Name of Faculty Member: Dr. M. C. Khot

Term	Month	Teaching Days	Theory Periods					Total Periods
			BA	BA1	BA2	BA3	BA4	
First Term	October	22	15	14	14	14	15	71
	November	16	11	11	10	12	11	55
	December	26	17	18	18	16	18	87
	January	24	17	15	14	18	15	79
	February	06	04	04	04	04	04	20
Total 1		94	64	60	60	64	63	311
Second Term	March	25	16	17	19	16	16	84
	April	23	15	14	15	16	16	76
	May	24	16	16	16	16	16	80
	June	26	17	18	19	16	17	87
Total 2		98	64	65	69	64	65	327
Total 1 + 2		192	128	125	129	128	128	638

Total Working Days = 192

Total Theory Periods = 638

Total Practical Periods = -


Signature of Faculty Member



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11

Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member :

Department of

हिंदी

डॉ. एम. सी. खोत

Paper No. Tsemit

Paper Name

नाटक साहित्य

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
9.	विजयपर्व		22	आगे 1, 4, 7, 8, 9, 11, 16, 21, 22, 23, 25, 28, 29, 30, नोव 11, 12, 13	
2	होरी: प्रेमचंद नाट्यरुपांतर		22	15, 18, 20, 22 25, 26, 27, 29, 30, 23, 4	
3.	आरंभ आजादी की		20	6, 9, 10, 11, 13, 16, 17, 18, 20, 23, 24, 27, 30, 31 नोव 1 नोव 3, 6, 7, 9, 10, 13, 14, 15, 17 20, 21, 22, 24, 27, 28, 29 33, 34, 5, 7	

Sign. of Faculty Member

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmansabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (201 - 201)

SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member Dr. M. C. Khot

Department of Hindi

Paper No. II semi IV

Paper Name नाटक साहित्य

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
9. 1	इकांकी नए प्रकारे				
1	शरणागत		04	31/10/11, 4, 7, 8	
2	महाभारत की रीति		04	9, 11, 16, 18	
3	कीर्तिका		04	21, 22, 23, 25	
4	कुवरी धरती		04	28, 29, 30 नोव. 11	
5	पडोसीन की कोर		04	12, 13, 15, 18	
2. 9.	डॉक्टर साहब की अजीब है		06	20, 22, 25, 26, 27, 29	
2.	रुद्र और दिन		06	2/11/11, 2, 3, 4, 6, 9, 10	
3.	जान से प्यार		06	11, 13, 16, 17, 18, 20	
4	उषा और आर और सुत नारी		12	23, 24, 27 नोव 13, 6, 7, 8, 10, 13, 15	
5	कुपीनकाल की राजवत्सु कुमारी शिवाकी		12	17, 20, 21, 22, 24, 27, 28, 29, 30, 34, 5, 7	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc. / M.A / M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member Dr. M. C. Khot

Department of Hindi

Paper No. III sem; P.No-III

Paper Name साहित्य (क)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
अ. १	मेरा जीवन ② निरंजना मोर		०९	आगे 1,7,8,9,16,21,22,23,28	
३	कुमारी ④ शिरिष के फुल		१०	२९,३० नवे 11,12,13,18,२०,२५,२६,२७	
५	चीडीपर चांदनी		०५	२,३५,९,१०	
आ. १	प्रयोजन मूलक भाषा स्वरूप मूल्य परीक्षा		०६	११, १६, १६	
२	वैश्विक भाषा के परस्पर संबंध मूल्य		०६	१७, १८, २३	
३	भाषा शिक्षण की प्रक्रिया, भाषा कोश		०६	२५, ३०, ३०, ३१	
४	वाणिज्य व्यापार तात्पर्य स्वरूप साधन		०६	नवे १, ६, ६, ७, ८, १३	
५	वाणिज्य भाषा की संरचना विशेषताएं परीक्षण		०६	१३, १५, २०, २०, २१, २२	
६	वाणिज्य व्यापार एवं आधुनिक कार्य निबंध तात्पर्य स्वरूप निबंध लेखन		०६	२७, २७, २८, २९, ३३, ४, ५	

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Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Dr. M. C. Khat

Department of Hindi

Paper No. IX semi IV

Paper Name सामान्य हिंदी

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
अ 9	स्त्री धर (2) कर कुमल हो गये		08	माघ 3,3,4,5 10,10,11,12	
	(3) जहाँ आकार नहि दिखार देता		03	17,17,19	
	(8) कुसुमी लोडा परिवार नहि (9) स्वामी दयानंद		08	24,24,25,26,31, एप्रिल 1,7,7	
आ 9	मिडिया लेखन, जनसंचार माध्यम विनियोजक		06	8,9,16,21,21,22	
2	समाचार लेखन, फायर, रेडियो		06	23,28,28,29,30 से 5	
3	वैज्ञानिक तकनीकी लेखन स्वरूप विशेषज्ञता		06	5,6,7,12,12,13,14	
4	पारिभाषिक शब्दावली निम्न/उच्च शिक्षा/विशेषज्ञता प्रयोग		06	19,19,20,21,26,26	
5	पारिभाषिक शब्दावली वैज्ञानिक परिशिष्ट वैज्ञानिक तकनीकी अनुवाद स्वरूप लेखन		06	27,28 से 2,3,4,9,10,11	
6	अनुवादित शब्द वाक्य मंडित लेखन अनुवाद लेखन अनुवाद मिडिया अनुवाद		06	16,16,17,18,23,23,24,25	

Sign. of Faculty Member

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Tq. Omarga Dist. Pratapnagar



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : डॉ. एम. सी. शर्मा

Department of Hindi

Paper No. III semi VI

Paper Name प्रयोजनमूलक हिंदी

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
9.	9. हिंदी नामकरण विधिविचार आरंभिक भाषा विकसनात्मक सामाजिक भाषा		08	आठ 5, 6, 6, 7, 12, 13, 13, 14	
	2. हिंदी भाषा का विकास आंतराष्ट्रीय परिदृश्य		07	20, 21, 26, 26, 27, 28 लेख 2	
2	3. मानक भाषा संकल्पना, स्वरूप, प्रयोग पद्धति		08	3, 3, 9, 10, 10, 11, 16, 17,	
	2. मानक भाषा स्वरूप का स्वरचनात्मक विचार		07	18, 23, 24, 24, 25, 30 (लेख 1)	
3	1. लिपि उद्भव विकार नामक दस्तावेज लिपि उद्भव विकार		08	1, 2, 7, 8, 8, 9, 14, 15	
	2. दस्तावेज लिपि का विकास लिपि, स्वरूप, प्रयोग		07	15, 16, 21, 22, 23, 28, 28	
4	1. प्रयोजनमूलक हिंदी नामक नामकरण, प्रयोग		08	29, 29, 30, लेख 4, 5, 6, 11, 12, 13	
	स्वरूप का विशेषता				
	2. प्रयोजनमूलक हिंदी प्रयोग, प्रयोग		07	18, 19, 20, 25, 27, लेख 1, 2, 3	

Sign. of Faculty Member

Principal
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Tal. Omerga Dist. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : डॉ. राम सी खोता

Department of हिंदी

Paper No. IV Semi VIII

Paper Name प्रयोजन मुक्त हिंदी

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1	1. पारिभाषिक शब्दावली नामक, पारिभाषिक विशेषणार्थ निर्धारण करिष्यमान इच्छित प्रयोग		08	मार्च 2,2,3,8,9,10,15,16,16	
	2. भारतीय पारिभाषिक शब्दावली समरथा रसुभूत हिंदी शब्दावली		08	24,25,30,30,31 अप्रैल 5,6,6	
2	1. राजभाषा संवर्धन आयोग की अवधारणा एवं संगत दार्शनिक परिदृश्य संविधानिक प्रावधान		08	7,12,13,13 19,20,20,21	
	2. राजभाषा हिंदी प्रचार प्रसार संस्थागत वैयक्तिक कार्य		08	26,27,27,28 मे 4,4,5,10	
3	1. प्रयोजन मुक्त हिंदी प्रादुर्भाव, विपन्न सिद्धांत व्यवहार		08	10,10,12,17,18,18,19,24	
	2. संक्षेपण, प्रतिबन्ध, समाचार सिद्धांत व्यवहार		08	25,25,26,31 जून 1,1,27	
4	1. प्रयोजन मुक्त हिंदी अनुवाद स्वरूप एवं प्रक्रिया		08	8,8,9,14,15,15,16	
	2. व्याकरणिक अनुवाद, वैयक्तिक अनुवाद स्वरूप समरथा		05	21,22,22	
	3. जनसंचार माध्यमों में अनुवाद स्वरूप एवं समरथा		08	23,28,29,29,30	

राम सी खोता
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Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga
Principal Manabadi



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc. / M.A / M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member :

Department of

हिंदी

डॉ. एम. सी. खेगा

Paper No. V semi IX

Paper Name

प्रादिक्रीड भाषा साहित्य

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	प्रतिनिधि कृष्णाती-भरती सं. डॉ. माधव सोनरेकर		32	आगे 4, 4, 5, 5, 11, 11, 12, 12, 18, 18 25, 25, 28, 28 नोवें 15, 15, 16, 16 28, 28, 29, 29, 29, 29, 30, 30 6, 6, 7, 7, 13, 13, 14, 14	
2.	पराधी - उद्भवमाने		32	20, 20, 21, 21, 27, 27, 28, 28 जाने 9, 9, 4, 4, 10, 10, 11, 11, 17, 17 18, 18, 24, 24, 25, 25, 31, 31 33, 1, 1, 7, 7, 8, 8, 14, 14, 15, 15 21, 22, 22, 28, 28	

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Shrikrishna Mahavidyalaya, Gunjoti
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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Department of _____

हिंदी

Name of Faculty Member : _____

डॉ. एम. सी. खेतान

Paper No. VI sem; XII

Paper Name _____

मध्ययुगीन कविता

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
9.	मध्ययुगीन कविता : श्री डॉ. माधव सोलंकर		64	माघ 7,7,8,8, 14,14,15,15,21,21 22,22 28,28, 29,29. 4 प्रति 4,4,5,5,11,11,12,12,18,18 19,19,25,25,26,26 मे, 2,2 9,9,10,10,17,17,23,23, 24,24 30,30, 31,31 अग 6,6,7,7,13,13 14,14 20,20,20,21,21 27,27 28,28	

Sign. of Faculty Member

Principal
Shri Krishna Mahavidyalaya, Gunjoti
Tq. Omerga District, Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11

Class : B.A. / ~~B.Sc./M.A/M.Sc / Management Science~~

Faculty of Arts/Science/ Management Science

Name of Faculty Member :

Department of

हिंदी

डॉ. एम. सी. खोस

Paper No. V sem: XI

Paper Name

साहित्य शास्त्र

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	साहित्य का स्वरूप एवं तात्पर्य		10	अथवा 1, 4, 5, 6, 8, 11, 12, 13, 18, 20, 22	
2.	साहित्य के तत्व		10	25, 26, 27, 29 अथवा 12, 15, 16, 17, 22, 23	
3.	साहित्य के प्रयोजन एवं तात्पर्य		10	24, 26, 29, 30 अथवा 1, 3, 6, 7, 8, 10, 13	
4.	साहित्य के हेतु एवं तात्पर्य		10	14, 15, 17, 20, 21, 22, 24, 27, 28, 29	
5.	राष्ट्रशक्ति विचार एवं तात्पर्य		10	अथवा 3, 4, 5, 7, 10, 11, 12, 14, 17	
6.	रस का तात्पर्य स्वरूप भारतीय इतिहास		14	18, 19, 21, 24, 25, 28, 30, 1, 2, 4	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (201 - 201)

SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

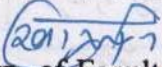
Name of Faculty Member : _____

Department of _____

Paper No. _____

Paper Name _____

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
	पश्चात्तु दृष्टिकोण, रसनिष्पत्ती				
	प्रमुख व्याख्या				
	रस के भेद एवं सामाज्य परिचय				


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

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Faculty of Arts/Science/ Management Science

Name of Faculty Member :

Department of

हिंदी

डॉ. राम सी. खोसा

Paper No. VI semi XIV

Paper Name

साहित्य शास्त्र

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	आरंभिक तात्पर्य, तत्व, भेद		10	पार्थ 2,4,7,8,9,11,14,15,16,21	
2	छंद तात्पर्य तत्व, प्रमुख भेद		10	22,23,25,28,29,30, 1,4,5,6	
3.	साहित्य विधाएं एवं वर्गीकरण		10	8,11,12,13,18,19,20,22,25,26	

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Teaching - Plan Academic Year (201 - 201)

SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : _____

Department of _____

Paper No. _____

Paper Name _____

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
3	इतिहास		10	27, 29, 30, 31, 1, 2, 4, 6, 9, 10, 11, 13, 17	
				18	
ख	गद्यविधाएँ		20	18, 20, 23, 24, 25, 27, 30, 31	
१	कहानी	2 उपन्यास		सत्र 1, 3, 6, 7, 8, 10, 13, 14, 15, 17	
३	निबंध	3 जीवनी		20, 21, 22, 24, 27, 28, 29	
५	आत्मकथा	4 संत			
७	संक्षिप्त निबंध	6 टिप्पणी			
९	रेखाचित्र	50 संस्मरण			

Sign. of Faculty Member


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Tq. Omerga Dist. Osmanabad


SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar For 180 Days

Faculty of ArtsAcademic Year: (2021-22)(Department of English)Name of Faculty Member: Shri. N. J. Pawar

Term	Month	Teaching Days	Theory Periods		Practical Periods		Total Periods
			BA-I Comp	BA-II Comp	BA-I Opt.	BA-II Opt.	
First Term	October	22	09	19	08	15	51
	November	16	13	13	11	10	47
	December	26	22	23	18	18	81
	January	24	21	19	16	15	71
	February	06	10	01	07	02	20
Total 1		94	75	75	60	60	270
Second Term	March	25	21	21	17	18	77
	April	23	22	21	18	16	77
	May	24	21	22	16	18	77
	June	26	11	11	09	08	39
Total 2		98	75	75	60	60	270
Total 1 + 2		192	150	150	120	120	540

Total Working Days = 192Total Theory Periods = 540Total Practical Periods = -

 Signature of Faculty Member (N. J. Pawar.)


PRINCIPAL
 Shrikrishna Mahavidyalaya
 Gunjoti Tq. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

B.A. I yr.
Comp - Eng.

SKMG / 1000 / 2010- 11
Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc. / M.A / M.Sc / Management Science I Year

Department of English

Name of Faculty Member : Shri. N. J. Pawar

Paper No. I and II - Comp. Paper Name A Course in Communicative English - I

Chapter No. Unit No.	Title / Subject <u>Comp. I and II</u>	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
01.	Introduction - Syllabus. Prose - 01.	Lecture	02	20-10 to 21-10-2021	
02.	The Essence of Democracy Prose - 02.	- " -	04	22-10 to 27-10.	
03.	Oedipus and Euridice Poem - 01	- " -	03	28-10 to 29-10	
04.	A Prayer for my Daughter Poem - 02.	- " -	03	30-10 to 11-11.	
05.	A Psalm of Life Grammar - 01.	- " -	03	12-11 to 15-11	
06.	The Articles and Prepositions - Kinds and Usage. Grammar - 02.	- " -	04	17-11 to 20-11	
07.	The Clause Elements - S.V.O.C.A. Writing Skills - 01.	- " -	04	23-11 to 26-11	
08.	Email Writing.	- " -	03	27-11 to 01-12-2021.	

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PRINCIPAL
Shrikrishna Mahavidyalaya
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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

2021-22

Teaching - Plan Academic Year (2021 - 2022)

B.A. I Yr.

Comp - Eng.

SKMG / 1000 / 2010- 11

Class : B.A. / ~~B.Sc./M.A/M.Sc/~~ Management Science I Yr.

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Shri. N. J. Pawar

Department of English

Paper No. I and II

Paper Name A Course in Communicative English - I

Chapter No. Unit No.	Title / Subject <u>Comp - I & II</u>	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
09.	<u>Writing Skills - 02.</u> <u>Job Application with C.V.</u>	<u>Lecture</u>	<u>03</u>	<u>02-12 to 04-12</u>	
10.	<u>Internal Evaluation - 01.</u> <u>Power Point Presentation</u>	<u>- " -</u>	<u>03</u>	<u>07-12 to 09-12</u>	
11.	<u>Prose - 03.</u> <u>A Tribute to the Buddha</u>	<u>- " -</u>	<u>03</u>	<u>10-12 to 14-12</u>	
12.	<u>Prose - 04.</u> <u>Facebook is making Us Miserable</u>	<u>- " -</u>	<u>03</u>	<u>15-12 to 17-12</u>	
13.	<u>Poem - 03.</u> <u>The Bus</u>	<u>- " -</u>	<u>03</u>	<u>18-12 to 22-12</u>	
14.	<u>Poem - 04</u> <u>Let Me Not to the Marriage</u> <u>of True Minds</u>	<u>- " -</u>	<u>03</u>	<u>23-12 to 28-12</u>	
15.	<u>Grammar - 03.</u> <u>The Tenses - Kinds & Usage</u>	<u>- " -</u>	<u>04</u>	<u>29-12 to 31-12</u>	
16.	<u>Grammar - 04.</u> <u>Marathi Alternatives to English Words</u>	<u>- " -</u>	<u>04</u>	<u>01-01-2022 to 06-01-2022</u>	

Sign. of Faculty Member

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Gunjoti Tq. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

B.A. I Yr.
Comp - Eng.

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11

I Year
Class : B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Faculty of Arts/Science/Management Science

Name of Faculty Member : Shri. N. J. Pawar

Department of English

Paper No. I and II

Paper Name A Course in Communicative English - I

Chapter No. Unit No.	Title / Subject <u>Comp. I & II</u>	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
	<u>Writing Skills-03.</u>				
17.	<u>News and Report Writing</u>	<u>— —</u>	<u>03</u>	<u>07-01 to 11-01-2022</u>	
	<u>Writing Skills-04.</u>				
18.	<u>Self-Introduction</u>	<u>— —</u>	<u>03</u>	<u>12-01 to 15-01.</u>	
	<u>Internal Evaluation-02</u>				
19.	<u>Essay/Review Writing on Book...</u>	<u>— —</u>	<u>03</u>	<u>18-01 to 20-01.</u>	
	<u>Prose-05.</u>				
20.	<u>Six Isaac Newton</u>	<u>— —</u>	<u>04</u>	<u>21-01 to 27-01</u>	
	<u>Poem-05</u>				
21.	<u>Night of the Scorpion</u>	<u>— —</u>	<u>03</u>	<u>28-01 to 01-02.</u>	
22. 23.	<u>Revision- Uni. Exam.</u>	<u>Theory.</u>		<u>02-02-2022. Feb. 22.</u>	
	<u>Prose-06.</u>				
24.	<u>India's Message to the World</u>	<u>Lecture</u>	<u>04</u>	<u>02-03 to 05-03-2022.</u>	
	<u>Prose-07</u>				
25.	<u>Are the Rich Happy?</u>	<u>— —</u>	<u>03</u>	<u>08-03 to 10-03.</u>	
	<u>Poem-06.</u>				
26.	<u>Stopping By Woods... Snowy Evening</u>	<u>— —</u>	<u>03</u>	<u>11-03 to 15-03-2022.</u>	

Sign. of Faculty Member

PRINCIPAL
Shrikrishna Mahavidyalaya
Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

2021-22

Teaching - Plan Academic Year (2021 - 2022)

B.A. I Yr.

Comp - Eng.

SKMG / 1000 / 2010-11

Faculty of Arts/~~Science~~/Management Science

Class : B.A. / B.Sc. / M.A. / M.Sc. / Management Science I yr.

Department of English

Name of Faculty Member : Shri. N. J. Pawar

Paper No. I and II

Paper Name A Course in Communicative English - II

Chapter No. Unit No.	Title / Subject ^{Comp.} <u>I and II</u>	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
27.	<u>Poem - 07.</u> <u>Poem of Serpents</u> <u>Grammar - 06.</u>	<u>Lecture</u> <u>"</u>	<u>03</u>	<u>16-03 to 19-03.</u>	
28.	<u>Basic Sentence Types - Interva</u> <u>Grammar - 07.</u>	<u>"</u>	<u>04</u>	<u>22-03 to 25-03.</u>	
29.	<u>Affixation and Word Formation</u> <u>Writing Skills - 05</u>	<u>"</u>	<u>04</u>	<u>26-03 to 31-03.</u>	
30.	<u>Dialogue Writing</u> <u>Writing Skills - 06.</u>	<u>"</u>	<u>03</u>	<u>01-04 to 06-04</u>	
31.	<u>Blog Writing.</u>	<u>"</u>	<u>03</u>	<u>07-04 to 09-04.</u>	
32.	<u>Internal Evaluation - 03.</u> <u>Power Point Presentation</u> <u>Pass - 08.</u>	<u>"</u>	<u>03</u>	<u>12-04 to 14-04</u>	
33.	<u>I Have a Dream -</u> <u>Pass - 09.</u>	<u>"</u>	<u>04</u>	<u>15-04 to 20-04</u>	
34.	<u>Going Public - A Man of Wealth -</u> <u>Poem - 08.</u>	<u>"</u>	<u>04</u>	<u>21-04 to 26-04.</u>	
35.	<u>Strange Meeting.</u>	<u>"</u>	<u>03</u>	<u>27-04 to 29-04-2022.</u>	

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya
Gunjoti Tq. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

2021-22

Teaching - Plan Academic Year (2021 - 2022)

B.A. I yr.
Comp - Eng.

SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science ^{I Year} I yr.

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Shri N. J. Pawar

Department of English

Paper No. Comp. - II

Paper Name A Course in Communicative English - II

Chapter No. Unit No.	Title / Subject <u>Comp II.</u>	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
36.	<u>Poem-09.</u> The Ballad of the Landlord	Lecture	03	30-04 to 04-05-2022.	
37.	<u>Grammar-08.</u> Antonyms and Synonyms	— " —	04	05-05 to 10-05.	
38.	<u>Grammar-05.</u> Phrases and Idioms	— " —	04	11-05 to 14-05	
39.	<u>Writing Skills-07.</u> Descriptive and Narrative Paragraphs	— " —	03	17-05 to 19-05	
40.	<u>Writing Skills-08.</u> Preparing an Advertisement	— " —	03	20-05 to 24-05	
41.	<u>Internet Evaluation-04.</u> Essay/ Review Writing on Book, Film	— " —	03	25-05 to 27-05.	
42.	<u>Page-10.</u> Gold from the Grave	— " —	04	28-05 to 02-06.	
43.	<u>Poem-10.</u> The Tiger and The Deer	— " —	03	03-06 to 07-06.	

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Teaching - Plan Academic Year (2021 - 2022)

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Faculty of Arts / Science / Management Science

Name of Faculty Member : Shri. N. J. Pawar

Department of English

Paper No. II (Comp)

Paper Name A Course in Communicative English - II

Chapter No. Unit No.	Title / Subject ^{Comp - II} ^{Paper 2}	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
44.	Examination - 05 Translation Skill - Marathi to English and Vice Versa.	Lecture	04	08-06 to 11-06-2022.	
45.	Revision	- " -		14-06-2022.	
46.	University Exam	Theory.		July 2022.	
	- x -		- x -	- x -	* * *

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya
Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

2021-22

B.A. II Year

Comp-Eng.

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/ Management Science

Class : B.A. / ~~B.Sc./MA/M.Sc/~~ Management Science II Yr.

II Year

Name of Faculty Member : Shri. N. J. Pawar

Department of English

Paper No. III and IV

Paper Name Learning Language Skills II
(English-Comp. II)

Chapter No. Unit No.	Title / Subject III and IV - Comp	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
01.	Syllabus	Lecture	01	01-10-2021.	
02.	Prose-01. The Importance of English.	- -	03	04-10 to 06-10-2021.	
03.	Prose-02. How to Make a Speech	- -	03	07-10 to 11-10.	
04.	Poem-01. All the World's a Stage	- -	03	12-10 to 18-10	
05.	Poem-02. First Love	- -	03.	20-10 to 22-10.	
06.	Grammar-Identifying the Subordinate Clauses	- -	10.	25-10 to 17-11-2021.	

Sign. of Faculty Member

P. T. O. →

Principal
Shrikrishna Mahavidyalaya
Gunjoti Ta. Omarga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

B.A. II Year

Teaching - Plan Academic Year (2021 - 2022)

Comp-Eng

SKMG / 1000 / 2010-11

Faculty of Arts/Science/Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science II

Department of English

Name of Faculty Member : Shri. N. J. Pawar

Paper No. III and IV

Paper Name Learning Language Skills - II
(English - Comp - II)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
07.	Prose-03. The Night Train at Deoli	Lecture	04	08-10 to 24-11	
08.	Prose-04. The Conjuror's Revenge	-11-	03	25-11 to 29-11	
09.	Grammar-Identifying the Sentences as Simple, Complex and Compound Sentences.	-11-	06.	30-11 to 02-12	
10.	Poem-03. Next, Please	-11-	03	03-12 to 07-12	
11.	Poem-04. Father Returning Home	-11-	03	08-12 to 10-12-2021	

Sign. of Faculty Member

PRINCIPAL
Shrikrishna Mahavidyalaya
Gunjoti Td. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

2021-22
B.A. II
Comp. Eng.

SKMG / 1000 / 2010- 11

Class : B.A. / ~~B.Sc./M.A/M.Sc/~~ Management Science II

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Shri. N. J. Pawar

Department of English

Paper No. III and IV

Paper Name Learning Language Skills-II
(English - Comp. II)

Chapter No. Unit No.	Title / Subject <u>III - and IV - Comp.</u>	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
12.	Grammar - Punctuation Marks	Lecture	08.	13-12 to 22-12	
13.	Prose - 05. Luncheon	- " -	03	23-12 to 27-12	
14.	Poem - 05. Dover Beach	- " -	04	28-12 to 31-12	
15.	Revision	- " -		03-01-2022.	
16.	University Semester Exam	Theory		February 2022.	
17.	sem-IV				
17.	Prose-06. How to Avoid				
	an Argument	- " -	03	02-03 to 04-03-2022.	
18.	Prose-07. The Avengers	- " -	03	07-03 to 09-03.	

P. T. O. →

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya
Gunjoti Tq. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

B.A. II
Comp-Eas.

SKMG / 1000 / 2010-11

Faculty of Arts/Science/Management Science

Class : B.A. / ^{II} B.Sc. / M.A / M.Sc / Management Science ^{II}

Name of Faculty Member : Shri. N. J. Pawar

Department of English

Paper No. III and IV

Paper Name Learning Language Skills - II

(English - Comp II)

Chapter No. Unit No.	Title / Subject <u>III and IV - Comp</u>	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
19.	Poem-06. Gather Ye Rose Buds	Lecture	03	10-03 to 14-03.	
20.	Poem. 07. Mirror	- -	03	15-03 to 17-03.	
21.	Grammar - Conversion of Sentences Simple, Complex, Compound, Positive, Negative and Exclamatory.	- -	08	21-03 to 30-03.	
22.	Prose-08. On Not Answering the Telephone	- -	04	31-03 to 05-04.	
23.	Prose-09. The Sporting Spirit.	- -	03	06-04 to 08-04.	

Sign. of Faculty Member

Principal

PRINCIPAL

Shrikrishna Mahavidyalaya
Gunjoti Td. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

2021-22

Teaching - Plan Academic Year (2021) - 2022

B.A. II

Comp. Eng.

SKMG / 1000 / 2010- 11

Class : B.A. / ~~B.Sc./M.A/M.Sc / Management Science~~

Faculty of Arts/Science/Management Science

Name of Faculty Member : Shri. N. J. Pawar

Department of English

Paper No. III and IV

Paper Name Learning Language Skills
(English-Comp-II)

Chapter No. Unit No.	Title / Subject <u>III and IV - Comp.</u>	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
24.	Grammar-Identifying the Structural Patterns	Lecture	06	11-04 to 14-04	
25.	Poem-08. Sonnet 43	- -	03	15-04 to 19-04	
26.	Poem-09. Nobody Loves Me	- -	03	20-04 to 22-04	
27.	Grammar- Word Formation	- -	06	25-04 to 02-05	
28.	Prose-10. The Old man at the Bridge	- -	03	03-05 to 05-05.	
29.	Poem-10. Night of the Scorpion	- -	03	06-05 to 10-05.	
30.	Revision	- -		11-05-2022.	
31.	University Semester Exam Theory			June 2022.	

Sign. of Faculty Member

Principal

PRINCIPAL

Shrikrishna Mahavidyalaya
Gunjoti Tq. Omerna



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11

Faculty of Arts/Science/Management Science

Department of English

Class : B.A. / B.Sc. / M.A / M.Sc / Management Science

Name of Faculty Member Shri. N. J. Pawar.

Paper No. II and IV - OPT. Paper Name Forms of Literature - II

Chapter No. Unit No.	Title / Subject <u>Opt. Paper - II</u>	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
01.	Syllabus	Lecture	02	20-10 to 21-10-2021.	
02.	Types of Drama - 01. One-Act-Play	" "	02	22-10 to 23-10.	
03.	02. Dramatic Monologue	" "	02	28-10 to 28-10	
04.	03. Farce and Melodrama Drama.	" "	02	29-10 to 29-10.	
05.	How he Lied to Her Husband.	" "	08	30-10 to 16-11.	
06.	Poetry. Intro... 01. Christabel	" "	02+04	17-11 to 02-12.	
07.	02. My Last Duchess	" "	03	02-12 to 04-12	
08.	03. A Morning Prayer Drama.	" "	03	09-12 to 10-12	
09.	Three Sisters - Anton Chekhov	" "	4+8	11-12 to 01-01-2022	

Sign. of Faculty Member

Principal

PRINCIPAL
Shrikrishna Mahavidyalaya
Gunjoti Tq. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

2021-22

B.A. I Year

Teaching - Plan Academic Year (2021 - 2022)

Opt. Eng.

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc. / M.A. / M.Sc. / Management Science I Year

Faculty of Arts / Science / Management Science

Name of Faculty Member : Shri. N. J. Pawar

Department of English

Paper No. II and IV

Paper Name Forms of Literature-II

Chapter No. Unit No.	Title / Subject ^{Opt. Paper-II}	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
10.	01. The Postmaster	Lecture	03	06-01 to 07-01-2022.	
11.	02. When I Hid my Caste	" "	03	08-01 to 13-01.	
12.	03. The Rule of the Road	" "	03	15-01 to 20-01.	
13.	04. The Adventure of the Dying Detective.	" "	03	21-01 to 27-01.	
14.	Revision.	" "		27-01-2022.	
15.	University Exam	Theory		February 2022.	

Sign. of Faculty Member

Principal
SHRIKRISHNA MAHAVIDYALAYA
Gunjoti Tq. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

2021-22

B.A. I Year

Teaching - Plan Academic Year (2021-2022)

I Year

Opt. Eng.

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc. / M.A / M.Sc / Management Science I yr.

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Shri. N. J. Pawar

Department of English

Paper No. II and IV - Opt

Paper Name Forms of Literature - IV

Chapter No. Unit No.	Title / Subject ^{Opt. Paper - IV}	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
16.	Syllabus	Lecture	02	03-03 to 03-03-2022.	
17.	The Types of Poetry. 01. The Epic	— " —	02	04-03 to 05-03.	
18.	02. The Satire	— " —	02	10-03 to 10-03.	
19.	03. The Idyll.	— " —	02	11-03 to 12-03.	
20.	Samson Agonistes	— " —	08	17-03 to 31-03.	
21.	Bacon's Essays - Life and Works 01. Of Envy	— " —	02+01.	31-03 to 02-04.	
22.	02. Of Love	— " —	01	07-04-2022.	
23.	03. Of Adversity	— " —	01	07-04.	
24.	04. Of Marriage and Single life	— " —	01	08-04	

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya
Gunjoti Tq. Omerga

2021-22



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

B.A. I Year

OPT. Eng.

I Year

SKMG / 1000 / 2010-11

Faculty of Arts/Science/Management Science

Class : B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Department of

English

Name of Faculty Member: Shri. N. J. Pawar

Paper No.

II and IV

Paper Name

Forms of Literature IV

Chapter No. Unit No.	Title / Subject <small>Opt. Paper IV</small>	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
25.	05. Of Goodness & Good Nature	Lecture	01	09-04-2022	
26.	06. Of Boldness	"	01	14-04	
27.	07. Of Superstition	"	01	14-04	
28.	08. Of Suspicion	"	01	15-04	
29.	09. Of Ambition	"	01	16-04	
30.	10. Of Beauty	"	01	21-04	
31.	Drama. History - Christopher Marlowe	"	2+2	21-04 to 28-04	
32.	Text - Doctor Faustus	"	08	28-04 to 12-05	
33.	Fiction. History of English Novel.	"	04.	12-05 to 19-05	

Sign. of Faculty Member

PRINCIPAL
Shrikrishna Mahavidyalaya
Gunjoti Tq. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

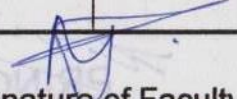
B.A.-I Year


Annual Teaching - Plan Academic Year (2021-2022)

Opt. Eng.

Faculty : Arts / Science Department : English Class : B.A./B.Sc. / MA / M.Sc. I Year - Opt.
 Semester : I Paper No : IV Paper Name : Forms of Literature-IV
 Name Of Faculty : Shri. N. J. Pawar

Chapter No. Unit No.	Title / Subject ^{Opt. Paper - IV}	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
34.	<u>Fiction</u> <u>The English Patient</u>	<u>Lecture</u>	<u>08</u>	<u>21-05 to 03-06-2022</u>	
35.	<u>Revision</u>	<u>- II -</u>		<u>04-06-2022</u>	
36.	<u>University Exam</u>	<u>Theory</u>		<u>July 2022</u>	
	<u>- X -</u>	<u>- X -</u>		<u>- X -</u>	


Signature of Faculty


Principal
Shrikrishna Mahavidyalaya
Gunjoti Tal. ...



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

B.A. S.Y.

Teaching - Plan Academic Year (2021 - 2022)

Opt = Eng.

SKMG / 1000 / 2010-11

Faculty of Arts/Science/Management Science

Class : B.A. / ^{II Year} B.Sc./M.A/M.Sc / Management Science II

Department of English

Name of Faculty Member : Shri. N. J. Pawar

Paper No. VI and VII

Paper Name Literature in English - 1550-1750.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
01	Syllabus	Lecture	01	04-10-2021.	
02.	Background Study				
	The Essay - Its Definition,				
	Origin, and kinds	- -	03	05-10 to 06-10-2021.	
03.	The Epic - Its Definition,				
	Conventions and Kinds,				
	Growth of Epic Art &				
	Mock Epic	- -	03	11-10 to 13-10-2021.	
04.	Essayist - Francis Bacon				

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya
Gunjoti Tq. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

2021-2022

Teaching - Plan Academic Year (2021 - 2022)

B.A.S.Y.
= =
Opt. Eng.

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/Management Science

Class : B.A. / ~~B.Sc./M.A/M.Sc / Management Science~~ II

II Year

Department of

English

Name of Faculty Member: Shri. N. J. Pawar.

Paper No. V and VII

Paper Name

Literature in English
- 1550 - 1750.

Chapter No. Unit No.	Title / Subject <u>V and VII - Opt.</u>	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
04	01. Bacon - Life and Works	Lecture	03	13-10 to 20-10-2021.	
05.	02. Of Friendship	- " -	03	20-10 to 26-10.	
06.	03. Of Love	- " -	03	27-10 to 15-11.	
07.	04. Of Studies	- " -	03	16-11 to 17-11	
08.	05. Of Revenge	- " -	03	22-11 to 24-11	
09.	06. Of Parents and Children	- " -	03	24-11 to 30-11	
10.	Alexander Pope - Life and Works	Lecture	03	01-12 to 06-12	
11.	The Rape of the Lock	- " -	12	07-12 to 27-12-2021.	

Sign. of Faculty Member

Principal
Shri Krishna Mahavidyalaya
Gunjoti Tq. Omerga

2021-22



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

B.A. II yr.

Opt-Eng.

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science II

Department of English

Name of Faculty Member: Shri. N. J. Pawar.

Paper No. V and VII

Paper Name Literature in English - 1550-1750.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
12.	University Exam	Theory	-	February 2022	
	Sem-IV.				
13.	Background Study. Shakespearean Tragedy.				
	Its Characterisation and Plot	Lecture	04	02-03-2022 to 08-03-2022	
14.	Features of Restoration Lit.	- -	03	09-03 to 14-03	
15.	William Shakespeare - Life and Works	- -	02	15-03 to 16-03-2022	

Sign. of Faculty Member

PRINCIPAL
Shrikrishna Mahavidyalaya
Gunjoti Tq. Omega



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

2021-22.

B.A. II Yr.

Opt-Eng.

Teaching - Plan Academic Year (2021 - 2022)

II Year

Class : B.A. / ~~B.Sc./M.A/M.Sc / Management Science~~ II

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/ Management Science

Name of Faculty Member: Shri. N. J. Pawar

Department of English

Paper No. V and VII - Sem-III-IV Paper Name Literature in English - 1550-1750.

Chapter No. Unit No.	Title / Subject <u>V - VII - Opt</u>	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
16.	Drama - Julius Caesar	Lecture	14.	16-03 to 11-04-2022.	
17.	History of English Fiction	- " -	02	12-04 to 13-04-2022.	
18.	Novelist - Daniel Defoe - Life and Works	- " -	03	13-04 to 19-04	
19.	Novel - Robinson Crusoe	- " -	14.	20-04 to 11-05.	
20.	Revision.	- " -		16-05-2022.	
21.	University Term End Exam	Theory		July 2022.	
	- x -	- x -		- x -	

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya
Gunjoti Tq. Omerga

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

TIME TABLE ~~2019~~-20 21-22.

Dept. *English*

Name of Teacher *Shri. N. J. Pawar.*

Time →	7.00 To 7:50	7:50 To 8:40	8:40 To 09:30	09:30 To 10:20	10:35 To 11:25	11:25 To 12:15	12:15 To 1:05	1:35 To 2:25	2:25 To 3:15	3:15 To 4:05	4:05 To 4:55	4.55 To 5.45
Day ↓												
MON								B.A.II Opt-19	B.A.II Comp-16	-		
TUE								B.A.II Opt-19	B.A.II Comp-16	B.A.I Comp-16		
WED					B.A.II Opt-19			B.A.II Opt-19	B.A.II Comp-16	B.A.I Comp-16		
THU				B.A.I Opt-19		B.A.I Opt-19			B.A.II Comp-17	B.A.I Comp-16		
FRI						B.A.I Opt-19			B.A.II Comp-17	B.A.I Comp-16		
SAT						B.A.I Opt-19				B.A.I Comp-16		

[Signature]
Head
(N.J. Pawar)

[Signature]
Sub. Teacher
(N.J. Pawar)

[Signature]
Principal
PRINCIPAL
Shrikrishna Mahavidyalaya
Gunjoti Tq. Omerga

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar For 180 Days

Faculty of History

Academic Year: (2021-22)

(Department of History)

Name of Faculty Member: Badodkar S.S.

Term	Month	Teaching Days	Theory Periods	Practical Periods	Total Periods
First Term	October	22	15 16 32		63
	November	16	10 10 16		36
	December	26	16 15 30		61
	January	24	16 19 33		68
	February	06	04 04 05		13
Total 1		94	61 64 116 = 241		241
Second Term	March	25	16 16 30		62
	April	23	17 16 28		61
	May	24	16 17 29		62
	June	26	17 17 29		63
Total 2		98	66 66 116 = 248		248
Total 1 + 2		192	241 + 248 = 489		489

Total Working Days = 192

Total Theory Periods = 489

Total Practical Periods = —

R.S.

Badodkar S.S.

Signature of Faculty Member



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11

Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Badalkar S.S.

Department of History.

Paper No. I

Paper Name History of Maratha.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
①	महाराष्ट्र संस्था 343- महाराष्ट्राचा मुळाव्या संस्था	lecture method	⑩	Oct 1 Oct to 8 Oct 11 जाने ते 20 जाने	
	सामान्य - पाठ्य पुस्तक			23 जाने ते 30 जाने	
②	शिवाजीचा मराठा समाज - मोदीना		⑩	11 नोव्हेंबर ते 17 नोव्हेंबर 2021	
	शिवाजी महाराजांचा संस्था, महाराष्ट्र, महाराष्ट्र, महाराष्ट्र			20 नोव्हेंबर ते 25 नोव्हेंबर 2021	
	महाराष्ट्र, महाराष्ट्र, महाराष्ट्र			27, 29, 30 नोव्हेंबर 2021	
③	शिवाजी महाराजांचा संस्था		⑫	1 ते 08 डिसेंबर 2021	
	शिवाजी महाराजांचा संस्था			16 ते 16 डिसेंबर 2021	
	शिवाजी महाराजांचा संस्था			20 ते 28 डिसेंबर 2021	

Sign. of Faculty Member Badalkar S.S.

Principal
Shrikrishna Mahavidyalaya Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010- 11
Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Badedkar S.S.

Department of History

Paper No. I

Paper Name History of Maratha -

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
	मिर्जा राजे जय शिंदेची महोदय - सुंदरनाथ	Lecture method		29 Dec 2011	
				30 Dec 2011	
4	शिवाजीची उपासना - सम्राज्य शासन, शिवाजीचा समाजिक व उपासना महोदय		08	जाने 1 ते 8 जाने 2011	
				10 ते 15 जाने 2011	
				16 जाने ते 31 जाने 2011	
5	छत्रपती संभाजी महाराजांचा वैयक्तिक संशोधन		10		
				मे 2011	
6	शिवाजीची प्रशासन व्यवस्था शासकीय प्रशासन (सैन्य) प्रशासन, शिक्षण प्रशासन			1 ते 4 मे 2011	
				5 मे 7 मे 2011	

Sign. of Faculty Member Badedkar S.S.

Principal [Signature]



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Bachodkar S.S.

Department of History

Sem II

Paper No. III

Paper Name History of Maratha

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
①	सम्राज्य पेशवांचे मजबूत सैन्याची, शिकणे, एव शिष्ट पेशवा यांच्या विश्वनाथ	Lecture method	⑩		
②	पेशवा यांच्या पक्ष, मराठी सैन्या विस्तार पाहण्याचे निमित्त युद्धे आणि ए परिणाम		⑫		
③	मराठी सैन्याचे युद्धाचे विवरण		⑧		
④	मराठी पेशवे		⑩		
⑤	मराठी सैन्याचे मजबूत		⑩		

Sign. of Faculty Member

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11

Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Department of History

Name of Faculty Member : Badolkar Sanjay S.

Sem II

Paper No. III

Paper Name History of Marathas

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
①	इस्रायल देशाच्या इतिहास आणि समाज	Lecture method	①	11 मार्च 2022 ते 8 मार्च 2022	
	इतिहास, इराक - पराजित आरब			11 मार्च 2022 ते 17 मार्च 2022	
	विस्तार			19 मार्च ते 24 मार्च 2022	
				26 मार्च ते 31 मार्च 2022	
②	पराजित आरबचा पराजित		②	1 एप्रिल 2022 ते 9 एप्रिल 2022	
	महाद्वीपामधील विस्तार			12 एप्रिल 2022 ते 20 एप्रिल 2022	
	प्राचीन काळातील इतिहास आणि पराजित			20 एप्रिल ते 31 एप्रिल	
③	महाद्वीपामधील इतिहास आणि पराजित			2 ते 7 मे 2022	
④	महाद्वीपामधील इतिहास आणि पराजित			11 मे ते 18 मे 2022	
⑤	महाद्वीपामधील इतिहास आणि पराजित				

Sign. of Faculty Member Badolkar Sanjay S.

Principal
Principal Mahavidyalaya, Gunjoti
Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc. / M.A / M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Badodkar S.S.

Department of History

Paper No. III

Paper Name History of Marathe.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
	महाराष्ट्र कालेची सुरुवात १-५			12 मे 2022 ते 19 मे 2022	
	परिचय -				
	पहिले इ.स.पुर्वी १८०० पर्यंत			23 मे ते 31 मे 2022	
	महाराष्ट्र				
	महाराष्ट्रचा इतिहास १८१८ पर्यंत			१ ०३१ २०२२ ते १० ३१ २०२२	
	साम्राज्य			१० ३१ ते १७ ३१ २०२२	
6	साम्राज्य - सुरुवात महाराष्ट्र पर्यंत				
	साम्राज्य १८१८, इ.स.पुर्वी पर्यंत			२१ ३१ ते २७ ३१ २०२२	
	इ.स.पुर्वी - १८१८ पर्यंत			२८ ३१ ते १० ३१ २०२२	

Sign. of Faculty Member

Badodkar S.S.

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Shrikrishna Mahavidyalaya, Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010-11
Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M/A/M.Sc / Management Science

Department of History

Name of Faculty Member : Bhadarkar S.S.

Paper No. 4

Paper Name Early history of India
(Up to 300 B.C)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
	जैन धर्म - 119			22 ते 29 जून 2021	
①	बौद्ध धर्म 377 विचार - 11111			30 जून 2021	
	गौतम बुद्ध चरित्र - बौद्ध धर्म - 110			31 जून 2022	
⑤	मौर्य शासक - अशोक मौर्य		⑩	1 ते 7 जून 2022	
	विश्वनाथ, अशोक स्तूप -			10 ते 15 जून 2022	
⑥	मौर्य साम्राज्य - अशोक - विचार -		⑩	18 ते 22 जून 2022	
	शासक विचार - अशोक साम्राज्य			24 ते 31 जून 2022	
	विचार -			1 ते 4 जून 2022	
	मौर्य साम्राज्य मौर्य व साम्राज्य -			5 ते 7 जून 2022	

Sign. of Faculty Member Bhadarkar S.S.

Principal [Signature]



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Badodkars

Department of History

Paper No. V

Paper Name Early history of India (upto 300 B.C.)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
①	इतिहासी भाषणे		⑩	१ आठवे ते ४ आठवे २०२१	
	पुस्तकावली व वाचन-मधील-			५ आठवे ते १६ आठवे २०२१	
②	इराणा व बलुची इतिहास-विस्तारण-एवढ-		⑩	१८ आठवे ते २३ आठवे २०२१	
③	वैदिक-काली-		⑩	२५ आठवे ते ३० आठवे	
	वैदिक-साहित्य, पूर्व व उत्तर वैदिक-			११ नोवें २०२१ ते १७ नोवें २०२१	
	साहित्य, इतिहासातील व वैदिक-साहित्य-			२० नोवें २०२१ ते २५ नोवें २०२१	
	सिद्धता,			२८ ते ३० नोवें २०२१	
④	साहित्य-संदर्भ, पालीयुक्त, जैनधर्म			१ ते ७ डिसेंबर २०२१	
	उत्तर विभाग, महाभारत साहित्य-			११ ते १५ डिसेंबर २०२१	
				१६ ते २१ डिसेंबर २०२१	

Sign. of Faculty Member

Badodkars

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Mumbai



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Badodkar S.S.

Department of History

Paper No. VIII (08)

Paper Name _____

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
④	સામ્રાજ્ય વિકાસ - ગ્રીક અને રોમન અને સેલ્યુસ - વેલોનાયન			23 યુનિ 2022 તા 30 યુનિ 2022	
⑤	રૂઝના આધુનિક વિકાસ - મધ્ય આધુનિક વિકાસ પ્રવેશિકા - આધુનિક વિકાસ			2 મે 2022 ને 15 મે 2022 17 મે ને 29 મે 2022 25 મે 28 મે 2022	
⑥	આધુનિક વિકાસ - વર્તમાન વિકાસ - વર્તમાન વિકાસ			1 મે 10 ડિસે 2022 14 ડિસે ને 22 ડિસે 2022 24 ડિસે ને 30 ડિસે 2022	

Sign. of Faculty Member Badodkar S.S.

Principal [Signature]



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11

Faculty of Arts/Science/ Management Science

Department of History

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Badodkar S

Paper No. VIII (8)

Paper Name History of Ancient +

India (300 BC to 647 AD)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
①	કોણક - યુગીય અને સમય - કોણક.		⑩	2 ને 7 માર્ચ 2022 8 ને 12 માર્ચ 2022	
②	કોણક અને સમય સંબંધીય કોણક - યુગીય અને સમય સંબંધીય કોણક અને કોણક - 215, 32110 કોણક - 225 અને 215 અને 215 -		⑫	15 ને 22 માર્ચ 2022 25 ને 31 માર્ચ 2022	
③	કોણક અને સમય - કોણક - કોણક અને કોણક અને સમય - કોણક અને કોણક - કોણક અને સમય - કોણક અને કોણક -		⑮	1 મે 8 મે 2022 12 મે 20 મે 2022 21 ને 26 મે 2022	

Sign. of Faculty Member Badodkar S

Principal Badodkar S
Mahavidyalaya, Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Badodker S.S

Department of History

Paper No. IX

Paper Name Historiography

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
①	इतिहास का अर्थ, स्रोत, माध्यम, इतिहास की शैली	Lecture method	⑩	1 सितम्बर से 8 सितम्बर 2021	
	इतिहास के प्रकार - इतिहास की शैली	"		11 सितम्बर से 18 सितम्बर 2021	
	इतिहास - एक कला	"		21 सितम्बर से 27 सितम्बर 28 से 30 सितम्बर 2021.	
②	इतिहास - 9वीं शताब्दी के अर्थ शैली	"	⑩		
	इतिहास 9वीं शताब्दी के अर्थ शैली	"		11 से 17 नोवेंबर 2021	
	इतिहास 9वीं शताब्दी के अर्थ शैली	"		20 नोवेंबर से 26 नोवेंबर 2021	
	इतिहास 9वीं शताब्दी के अर्थ शैली	"		27 नोवेंबर 2021	
	इतिहास 9वीं शताब्दी के अर्थ शैली	"		28 नोवेंबर	
	इतिहास 9वीं शताब्दी के अर्थ शैली	"		29 नोवेंबर	
	इतिहास 9वीं शताब्दी के अर्थ शैली	"		30 नोवेंबर 2021	

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Principal
Principal, Shrikrishna Mahavidyalaya, Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010- 11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Balodkar C.S.

Department of History

Paper No. IX

Paper Name Histosigraphy

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
③	इतिहासकारिता - साधनांचे तर्कसंगत	Lecture method	⑩	1 डिसे ते 9 डिसे 20 21	
	साधनांचे प्रथमापघ - साधनांचे			11 डिसे ते 18 डिसे 20 21	
	विषयानुसार -			22 ते 31 डिसे 20 31	
④	इतिहासकारिता - साधनांचे तर्कसंगत		⑩	1 ते 10 जाने 20 22	
	13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31			12 ते 18 जाने 20 22	
⑤	साधनांचे इतिहासकारिता - प्रथम प्रकाश		⑩	21 जाने 20 22 ते 28 जाने 20 22	
				29, 30, 31 जाने 20 22	
⑥	इतिहासकारिता - साधनांचे तर्कसंगत		⑩	1 ते 7 मे 20 22	

Sign. of Faculty Member Balodkar C.S.

Principal [Signature]



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Badedkar S.S.

Department of History

Paper No. XIII (13)

Paper Name fields of History.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
	આભ્યાસ	lecture method		1 ડિસેમ્બર 2022 ને 8 ડિસેમ્બર 2022	
	ફિલિસ્ટીન - સમસ્યાને લેખ ૧			11 ડિસેમ્બર 2022 ને 12 ડિસેમ્બર 2022	
	3 વિષય ૧ કામ				
(૧)	વસ્તુકોના ઇતિહાસને સમજાવવા		(12)		
(5)	પત્રિકા			20 ડિસેમ્બર 2022 ને 22 ડિસેમ્બર 2022	
	પત્રિકાને લેખ ૧ 3 વિષય આભ્યાસ		(12)		
	ફિલિસ્ટીનના પત્રિકાના લેખ			24 ડિસેમ્બર 2022 ને	
	પત્રિકાને લેખ ૧ વાણીજીવન - કે. પત્રિકા			30 ડિસેમ્બર 2022	
	સાહ્યકારી પત્રિકા, સામાજિક પત્રિકા, સાહ્યકારી પત્રિકા - સામાજિક પત્રિકા, સાહ્યકારી પત્રિકા - સામાજિક પત્રિકા				

Sign. of Faculty Member Badedkar S.S.

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11

Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Department of History

Name of Faculty Member : Badodkar S.S.

Paper No. XIII (13)

Paper Name Fields of History

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
①	प्रागैतिहासिक	lecture method	⑫	2 मार्च 2022 ते 9 मार्च 2022	
	अर्थ व्यवस्था व संस्कृती -			11 मार्च ते 17 मार्च 2022 19 मार्च ते 25 मार्च	
②	प्रागैतिहासिक व मध्ययुगीन काळातील			26 मार्च ते 31 मार्च 2022	
	प्रागैतिहासिक व मध्ययुगीन काळातील		⑫	1 एप्रिल ते 9 एप्रिल 2022	
	प्रागैतिहासिक काळातील अर्थव्यवस्था -			12 एप्रिल ते 31 एप्रिल 2022	
③	प्रागैतिहासिक काळातील पर्यटन			2 मे 2022 ते 12 मे 2022	
	प्रागैतिहासिक काळातील शिल्पकला व प्रागैतिहास			14 मे 2022 ते 20 मे 2022	
	सध्याचे प्रागैतिहासिक काळातील वसाहती -		⑫	21 मे 2022 ते 31 मे 2022	
④	सध्याचे प्रागैतिहासिक काळातील वसाहती				

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Principal
Shrikrishna Mahavidyalaya, Gunjoti

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar For 180 Days

Faculty of Humanities

Academic Year: (2021-22)

(Department of Geography)

Name of Faculty Member: Prof. Dr. M.T. Suryawanshi

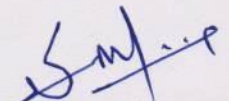
Term	Month	Teaching Days	Theory Periods			Practical Periods		Total Periods
			I	II	III	I	II	
First Term	October	22	15	16	16	12	12	71
	November	16	17	13	14	12	09	65
	December	26	18	18	17	09	15	77
	January	24	17	17	18	15	12	79
	February	06	4	4	4	03	03	18
Total 1		94	66	68	69	51	51	310
Second Term	March	25	18	18	17	12	12	77
	April	23	15	17	15	15	12	64
	May	24	16	15	16	12	12	71
	June	26	18	20	17	09	15	79
Total 2		98	67	70	65	48	51	291
Total 1 + 2		192						601

Total Working Days = 192

Total Theory Periods = 410

Total Practical Periods = 211

621


Signature of Faculty Member



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201 -201) 2021-22.

Faculty : Arts / Science

Department : Geography Class : B.A./B.Sc. / M.A./M.Sc.

Semister : I

Paper No : I

Paper Name : Elements of Phy. Geography

Name Of Faculty : Prof Dr. M.T. Suryawanshi.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	Introduction of Phy. Geography: Meaning Nature & Scope, Elements Branches of Physical Geography.	Lect, Use of Map. Instruments, Diagrams.		1 to 30. Oct. 21.	I
II	Lithosphere: Interior of the Earth. Wegner's Continental Drift theory. Isoslay & Plate Tectonic theories.	—		11 to 30 Nov. 21.	II
III	Earths Movements: Vertical Horizontal processes. of folding. causes & effects of Volcanoes & Earthquake.	—		1 to 31 Dec. 21.	III
IV	Rocks: classification: rocks. origin. properties of different rocks.	—		1 to 31 Jan 22.	IV

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omega Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201 -201)

Faculty : Arts / Science

Department : Geography

Class : B.A./B.Sc./M.A./M.Sc.

Semester : II

Paper No : III

Paper Name : Geog. of landforms

Name Of Faculty : Prof. Dr. M.T. Suryawanshi

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	Concept of landforms Evaluation & types of landforms, concept of cycle of Erosion.	Lect. Use of Map Instrument. Diagrams.		1 to 31 Mar. 22.	
II	Weathering: Types of classification, Mechanical, chemical & biological. Social formation.	— " —		1 to 31 April. 22	
III	Geographic Agents & processes. Erosion Transportation, Diposition, landforms produced by river, winds, sea waves.	— " —		1 to 31 May 22	
IV	Landform produced by Glacier & Underground water. Applied Geomorphology & Settlement, Landuse - Resources.	— " —		1 to 30 June 22	

Signature of Faculty

Principal
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Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201-201) 2021-22

Faculty : Arts / Science Department : Geography Class : B.A./B.Sc. / M.A./M.Sc.
 Semester : I & II Paper No : V Paper Name : Practical Geography
 Name Of Faculty : Prof. Dr. M.T. Suryawanshi

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I A	Nature & Scope of Cartography. Scale: Verbal	Lect. Use of Map.		1 to 30 Oct 21.	
	Numerical & Liner Scale.	Instruments, Diagrams.			
B.	Types of Liner Scale: Simple Comparative, Diagonal Time & Dist. Pace Scale.				
II A.	Defi. of Map History, Classification.	— " —		11 to 30 Nov. 21.	
	B. Enlargement & Reduction of Map. by square method.				
III A	Method Showing Relief.	— " —		1 to 31 Dec. 21.	
	B. Representation of slopes with the help of Contours. Even, Uneven, Gentle, Concave, convex. Terraced Slope.	— " —		1 to 31 Jan 22.	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201 -201)

Faculty : Arts / Science

Department : Geography

Class : B.A./B.Sc. / ^IM.A./ M.Sc.

Semester : I & II

Paper No : IV

Paper Name : Practical Geography

Name Of Faculty : Prof. Dr. M.T. Suryawanshi

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
<u>IV</u>	Representation of landforms by cross Section methods. Conical Hill, Ridge, Plateau. Cliff, waterfall, U & V Shapped Valley. Pass. spur,	Lect. Use of Map. Instruments. Diagram.		1 to 31 Mar. 22.	
<u>V</u> A	Conventional Signs & symbols of SOI Maps.	— " —		1 to 31 April 22	
B.	Indian Toposheets Read any Three. Introduction, Relief, Drainage, settlement Transportation & communication.	— " —		1 to 31 May 22	
<u>VI</u>	Certified Journal & Viva-Voce.	— " —		1 to 30 June 22.	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (~~201-201~~) 2021-22

Faculty : Arts / Science Department : Geography Class : B.A./B.Sc. / M.A. / M.Sc.
Semester : III Paper No : VI Paper Name : climatology
Name Of Faculty : Prof. Dr. M.T. Suryawanshi

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	Weather & Climate: Defi. nature & Scope of climatology. Significance Composition & Structure of Atmosphere, weather & climate.	Lect. use of map Instruments, Diagrams.		1 to 30 Oct. 21.	
II	Insolation & Temp.: Defi. of Insolation & Temp. Heat Budget of the Earth. Factors affecting the distribution of solar energy. Distribution of Temp.: Vertical & Horizontal Range of Temp.	—		11 to 30 Nov. 21.	
III	Atmospheric pressure & winds: Evaporation & condensation, Hydrological cycle. Types of precipitation, World pattern of R.F. Regional & Seasonal distribution Air masses, fronts cyclones.	—		1 to 31 Dec. 21.	
IV	Role of climate in human life: Pollution & Global warming. General causes, consequences.	—		1 to 31 Jan. 22.	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201-201) 2021-22

Faculty : Arts / Science

Department : Geography

Class : B.A./B.Sc./M.A./M.Sc.

Semister : IV

Paper No : VIII

Paper Name : Oceanography

Name Of Faculty : Prof. Dr. M.T. Suryawanshi

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	Introduction of Oceanography: Defn. Nature Scope Surface Configuration of ocean floors.	Lect. use of map Instruments &		1 to 31 Mar. 22.	
II	Submarine Relief: General idea, Continental shelf, slope Abyssal plains, oceanic trenches & factors affecting on salinity of ocean water Relief of Atlantic, Pacific, & Indian Oceans.	Diagrams. ———		1 to 30 April 22.	II
III.	Salinity Temp. of Oceanic Water: Salinity Causes factors of oceanic water. Distribution of salinity in the world. Distribution of Temp. in ocean water.	———		1 to 31. May 22.	III
IV	Marine Deposits & Coral Reefs: Ocean Deposition. Shallow sea deposits, Deep Sea. Deposits Types of corals. Oceans as a Storehouse of Temp. resources for the future.	———		1 to 30 June 22.	VI

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (~~201~~ -~~201~~) 2021-22.

Faculty : Arts / Science Department : Geography Class : B.A./B.Sc. / M.A./M.Sc.
Semester : V Paper No : XI Paper Name : Phy. Geography of India.
Name Of Faculty : Prof. Dr. M.T. Suryawanshi

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	India in the context of SouthEast & South Asia India: a land of diversities, unity within diversities, shape, size, phisical landscape of India.	lect, Use of Map, Instruments, Diagram.		1 to 30 oct. 21.	
II	Drainage System of India. Their functional Significance, climate Regional & Seasonal Variation of climate. The Monsoons.	— " —		1 to 30 Nov. 21	
III	Soil types of India, Their distribution and characteristics.	— " —		1 to 31 Dec. 21.	
IV	Natural Vegetation: forest types of and Their distribution in India.	— " —		1 to 31 Jan 22.	

S. M. T.
Signature of Faculty

Principal
Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201 -201) 2021-22

Faculty : Arts / Science

Department : Geography

Class : B.A./B.Sc./M.A./M.Sc.

Semester : V & VI

Paper No : XVIII

Paper Name : Practical Geography

Name Of Faculty : Prof. Dr. M.T. Suryawanshi

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I. A.	Introduction of Instrumental Survey.	Lect, Use of Map		1 to 30 Oct. 21.	
	① chain & Tape Survey ② Plane Table Survey	Instrument, Diagrams.			
	③ Prismatic Compass Survey.				
B.	Field Survey using Plane Table & prismatic compass Survey.	"		11 to 30 Nov 21.	
	i) Open Travers Method.				
	ii) Close Travers Method.				
II @	Prismatic Compass Survey	"		1 to 31. Dec. 21.	
	① open ② close				
⑥	Importance of Aerial Photography in Geographical Study.	"		1 to 31 Jan 22.	
	i) Instruments used for Aerial Survey				
	ii) Scale of Aerial Photo.				

M.T. Suryawanshi
Signature of Faculty

[Signature]
Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tal. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201 -201)

Faculty : Arts / Science

Department : Geography

Class : B.A./B.Sc. / M.A./M.Sc.

Semester : V.e VI

Paper No : XVIII

Paper Name : Practical Geography

Name Of Faculty : Prof. Dr. M.T. Suryawanshi

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
III.	Representation of Bearing	lect. Use of Map. Instrument. Diagrams		1 to 31 Mar. 22	
	1 Whole circle Bearing				
	2. Reduced Bearing				
	3 FB., BB. of WCB.	—————		1 to 30 April. 22	
	4 FB., B.B. of RB.				
	5. Conversion of Bearing				
	a) WCB into RB.				
	b) RB into WCB.				
IV.	1 Correction of Bearing.	—————		1 to 31 May 22	
	2 Closing error by Bowditch method.				
	3. Determination of the height with the help of Abney level.				
V	Representation in Geog. Excursion. & Submission of Report.	—————		1 to 30 June 22	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar For 180 Days

Faculty of Humanities

Academic Year: (2021-22)

(Department of Geography)

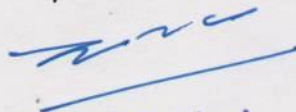
Name of Faculty Member: Koli R.G.

Term	Month	Teaching Days	Theory Periods			Practical Periods		Total Periods
			I	II	III	II	III	
First Term	October	22	16	17	15+17	12	12	89
	November	16	11	13	10+10	9	06	59
	December	26	18	15	18+18	12	15	96
	January	24	16	18	16+16	15	09	90
	February	06	06	05	03+03	03	06	26
Total 1		94	67	68	62+64	51	48	360
Second Term	March	25	18	17	18+18	12	15	98
	April	23	16	17	17+18	12	12	92
	May	24	16	15	18+17	15	15	96
	June	26	18	17	16+18	12	15	96
Total 2		98	68	66	69+71	51	57	382
Total 1 + 2		192	135	134	135	102	105	742

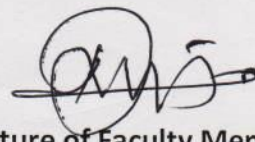
Total Working Days = 192

Total Theory Periods = 405

Total Practical Periods = 207



Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



Signature of Faculty Member



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2021-2022)

Faculty : Arts / Science

Department : Geography

Class : B.A./B.Sc. / M.A./M.Sc.

Semester : I

Paper No : II

Paper Name : Human Geography

Name Of Faculty : Koli R.G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	मानवी भूगोल - व्याख्या	उपारख्यान - चर्चा	04	1.10.21-7.10.21	I
	मानवी भूगोल - स्वरूप	उदाहरण - प्रश्नोत्तरे	04	8.10.21-13.10.21	
	मानवी भूगोल - व्याप्ती	— 11 —	03	14.10.21-18.10.21	
	मानवी भूगोलाच्या शाखा	— 11 —	03	19.10.21-25.10.21	II
II	निसर्ग-मानव सहसंबंध - संकल्पना	— 11 —	04	27.10.21-3.11.21	
	→ पंचविदगाचे प्रकार	— 11 —	04	4.11.21-10.11.21	
	→ निसर्गवाद	— 11 —	04	11.11.21-17.11.21	
	→ शक्यतावाद	— 11 —	04	18.11.21-26.11.21	
	→ संभाव्यतावाद → शोभा वंजक वाद	— 11 —	04	27.11.21-3.12.21	III
III	वंश गट - नैसर्गिक व सामाजिक संरचना	— 11 —	04	4.12.21-11.12.21	
	→ वंशिक गट - आदीम जमाती - जगा आणि भारत	— 11 —	04	12.12.21-18.12.21	
	एस्कीमो, वृशमेन, मसार्ड, गोंड, व गुज्जर	— 11 —	04	20.12.21-27.12.21	
IV	मानवी वसाहती - निर्मितीचे धटक	— 11 —	04	28.12.21-10.1.22	VI
	→ वसाहतीचे प्रकार व त्याची प्रारुढे	— 11 —	04	11.1.22-26.1.22	
	→ वसाहतीचे कार्यात्मक वर्गीकरण	— 11 —	04	1-2.22-7.2.22	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tal. ... Dist. ...



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201 -201)

Faculty : Arts / Science Department : Geography Class : B.A./B.Sc. / M.A./ M.Sc. II
Semester : III Paper No : VII Paper Name : Population Geography
Name Of Faculty : Koli R.G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	लोकसंख्या भूगोल - व्याख्या, स्वरूप	व्याख्यान	4	10.10- 7.10.21	I
	→ व्याप्ती - महत्व	चर्चा - उदाहरण	4	8.10.21 - 15.10.21	
	→ लोक विषयक सांख्यिकी उगमस्रोत	नकाशा -	4	16.10.21 - 23.10.21	
II	लोकसंख्या वितरण - वितरणावर परिणाम	प्रश्नोत्तरे -	4	24.10.21 - 4.11.21	
	→ करणारे घटक → लोकसंख्या घनता	— 11 —	4	5.11.21 - 12.11.21	II
	→ जगातील व भारतातील लोक वितरणाची प्रारूपे	— 11 —	4	13.11.21 - 20.11.21	
	→ जनन व मर्तव्या	— 11 —	4	21.11.21 - 28.11.21	
	→ जगातील व भारतातील लोक वितरण विभाग	— 11 —	4	1.12.21 - 7.12.21	
III	→ लोकसंख्या रचना - लिंग - वय रचना -	— 11 —	4	8.12.21 - 15.12.21	
	→ शहरी - ग्रामीण रचना - आर्थिक रचना	— 11 —	4	16.12.21 - 24.12.21	III
	→ लोक रचनेची जागतिक प्रारूपे - भारतातील लोकसंख्या रचना	— 11 —	4	26.12.21 - 3.1.22	
	लोकसंख्या रचना	— 11 —	4	4.1.22 - 11.1.22	
IV	→ स्थलांतर - व्याख्या - वर्गिकरण -	— 11 —	4	12.1.22 - 19.1.22	IV
	→ स्थलांतरावर परिणाम करणारे घटक -	— 11 —	4	20.1.22 - 30.1.22	
	→ स्थलांतराचे परिणाम - व भारतातील स्थलांतर	— 11 —	4	1.2.22 - 7.2.22	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omurga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201 -201)

Faculty : Arts / Science

Department : Geography

Class : B.A./B.Sc./M.A./M.Sc. II

Semester : III & IV

Paper No : X

Paper Name : Practical Geography

Name Of Faculty : Koli R.G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	→ हवामानाच्या उपकरणांचा अभ्यास - तपमापक - कमाल	उपकरणा-आकृती	06	1.10.21 - 7.10.21	I
	→ व किमान तपमापक - ओल्डम व कोरड्या फूम्याचा तप -	स्पर्शिकरण - गणना	06	8.10.21 - 15.10.21	
	→ -मापक - निर्द्वि वायुभारमापक - फॉटिन्या वायुभारमापक	-11-	06	16.10.21 - 24.10.21	
	→ वातकूट - वायुवेगमापक - आर्द्रता मापक	-11-	06	25.10.21 - 20.11.21	II
II	→ IDWR - सांकेतिक चिन्हे व खणा	-11-	03	21.11.21 -	
	→ नकाशा वाचन - उन्हाळा - पावसाळा - हिवाळा	-11-	06		
III	→ नकाशा तंत्र शास्त्र - व्याख्या, स्वरूप - व्याप्ती	-11-	06	31.1.22	
	→ महत्त्व - हवामान विषयक सांख्यिकीच्या साह्याने -	-11-	03	1.2.22 - 7.2.22	III
	→ कृषिमोगाफ - हॅडरग्राफ - वातपृष्ण - समोच्च रेषा -	-11-	12	+	
	→ समताप रेषा	-11-	03	30.3.22	
IV	→ सांख्यिकीच्या साह्याने - रेषातेरेख - स्थानातेरेख -	-11-	09	1.4.22	
	विमाजील वल्लि - विमा आयत - टिन् पद्धत - धायापद्धत	-11-	09	+	VI
	→ स्थानांकील वल्लि - स्थानां - चौरस व गोळ दर्शविण.	-11-	09		
V	→ पृथ्वीचे मोजमापन - अक्षांश - रेखांश - वृहदवल्लि	-11-	10		
	→ नकाशा प्रक्षेपण - वर्गिकरण - उपयोग - स्वमध्य समक्षेत्र	-11-	10		
	→ शंक, द्विप्रभावा, साई दंडगोलीय, समक्षेत्र दंडगोलीय	-11-	10	23.6.22 - 30.6.22	

Signature of Faculty

प्रक्षेपण

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2021 -2022)

Faculty : Arts / Science

Department : Geography

Class : B.A./B.Sc. / M.A./ M.Sc.

Semester : V

Paper No : XII

Paper Name : Environmental Geography

Name Of Faculty : Koli R. G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	→ पर्यावरण शास्त्र - पर्यावरण भूगोल - व्याख्या	व्याख्यान -	05	1.10.21	I
	→ स्वरूप - व्याप्ति - पर्यावरण प्रकार	उदाहरण - यथा	05	10.26.10.21	
		प्रश्नोत्तरे			
II	परिस्थितीकी - जैविक व अजैविक घटक	- -	05	21.10.21	
	→ संकल्पना - जीव - जीवसमूह - जैविक	- -	05	10	II
	→ समाज - सजीव	- -	05	20.12.21	
III	परिसंस्था - परिसंस्थेची मूलतत्वे - परिसंस्था	- -	05	21.12.21	
	→ रचना - पौषण प्रवाचे यंत्रीकरण - अन्नजाळी	- -	05	10	
	→ अन्नसामग्री - परिस्थितीकी मनोरा - परि. प्रकार	- -	05		
	→ परिसंस्था संक्रमण	- -	05	12.1.22	VI
IV	परिसंस्था समस्या - जागतिक ताप वृद्धी	- -	05	13.1.22	
	→ अन्न सुरक्षा - निर्वाणिकरण - प्लास्टीक कापड	- -	05	10	
	→ आम्ल पर्जन्य	- -	05	7.2.22	V

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tal. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2021 -2022)

Faculty : Arts / Science Department : Geography Class : B.A./B.Sc. / M.A. / M.Sc. III
Semester : V Paper No : XIII Paper Name : Industrial Geog. of Maha.
Name Of Faculty : Koli R.G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	→ महाराष्ट्रातील औद्योगिक विकासाचे स्वरूप,	वारंवार	06	1.10.21	I
	→ व्याप्ती - उद्योगाच्या स्थानिकीकरणाचे दृष्टक	नकाशा-यंत्रणे	04	25.10.21	
		उदाहरण	0-		
II	महाराष्ट्रातील उद्योगाचे वितरण व प्रारूप	— —	06	26.10.21	
	→ सूती व स्त्रोद्योग - जैव रसायन उद्योग	— —	06		
	→ सारखर उद्योग - स्वयंभयंतीत उद्योग	— —	06	30.11.21	II
III	महाराष्ट्रातील प्रमुख औद्योगिक पट्टे व त्याची वैशिष्ट्ये	— —	04	1.12.21	
	→ उद्योगधंद्यांचा महाराष्ट्राच्या विकासावर	— —	04	+	III
	इंगळेला परिणाम	— —	04	30.12.21	
IV	औद्योगिक क्षेत्रात जागतिकीकरणाची भूमिका - उद्योगाचे स्थलांतर व त्याचा नागरी उपनगरावर पडणारा प्रभाव - महा.चे बदलते औद्योगिक क्षेत्र	— —	04	1.1.22	
		— —	04	+	
		— —	04		
		— —	04	7.2.22	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2021 -2022)

Faculty : Arts / Science

Department : Geography Class : B.A./B.Sc. / M.A. / M.Sc. III

Semester : V & VI

Paper No : XVI

Paper Name : Practical Geography

Name Of Faculty : Koli R.C.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	सांख्यिकी - प्रस्तावना - व्याख्या - महत्व	सुझ - गणना	03	1.10.21	I
	→ केंद्रीय प्रवृत्तियों मोजमापन -	उदाहरण	03		
	→ माध्यम - वैयक्तिक, स्वतंत्र व सतत पदमापन	— 11 —	09	+	
	→ मध्यकाल -	— 11 —	09		II
	→ बहुलक -	— 11 —	09	30.12.21	
II	→ विचलनाचे मोजमापन -	— 11 —	09	1.1.22	
	→ माध्यम विचलन	— 11 —	09	+	
	→ प्रमाणित विचलन	— 11 —	09		III
	→ चतुर्थक विचलन	— 11 —	09	28.2.22	
III	→ सहसंबंध - (1) स्पिकरमनची पद्धत	— 11 —	09	1.3.22	
	(2) कार्ल पिकरसनची पद्धत	— 11 —	09	30.3.22	
IV	→ समास्यन समिकरण तयार करणे -	— 11 —	09	1.4.22	
	(1) न्यूनतम वर्गपद्धतीने समिकरण तयार करणे	— 11 —	09		VI
	(2) समास्यन समिकरण - 'X' वर 'Y' समिकरण	— 11 —	09	+	
	(3) समास्यन समिकरण - 'Y' वर 'X' समिकरण तयार करणे	— 11 —	09		
	(4) काय वर्ग याचणी	— 11 —	09	30.06	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2021 -2022)

Faculty : Arts / Science

Department : Geography Class : B.A./B.Sc./M.A./M.Sc. I

Semester : II

Paper No : II

Paper Name : Regional Geog. of Maha.

Name Of Faculty : Koli R.G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	महाराष्ट्र - स्थान - आकार - विस्तार - → वैशेष्ये व महाराष्ट्राचे प्राकृतिक विभाग	व्याख्यान चर्चा - उदाहरण नकाशा	04 06	20.3.22 - 20.3.22	II
II	महाराष्ट्र - हवामान - जलप्रवाही - मृदा - नैसर्गिक वनस्पती	- 11 - - 11 -	06 06	21.3.22 - to 16.4.22	II
III	महाराष्ट्र कृषी - पिक प्रारूपे → प्रमुख पिके - ज्वारी - गहू - तांदूळ → कापूस - ऊस - तेलबिया व → कडधान्ये - भौगोलिक स्थिती - उत्पादन व वितरण	- 11 - - 11 - - 11 - - 11 -	04 04 04 04	18.4.22 to 20.5.22	III
IV	महाराष्ट्र उद्योगधंदे - → सूती वस्त्रोद्योगधंदे → सारवट उद्योग → वाहतूक - रस्ते व रेल्वे वाहतूक	- 11 - - 11 - - 11 - - 11 -	02 06 06 06	21.5.22 to 30.6.22	IV

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201 -201)

Faculty : Arts / Science

Department : Geography Class : B.A./B.Sc. / M.A. / M.Sc. II

Semester : IV

Paper No : IX

Paper Name : Settlement Geography

Name Of Faculty : Koli R.G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	वसाहती भूगोल - व्याख्या - स्वरूप - व्याप्ती	व्याख्यान	06	2.3.2022	
	→ वसाहतीचे दृष्टक - ग्रामीण वसाहती वसाहत	चर्चा	06	-	
	→ व्याख्या - वसाहतीचे गुणधर्म व मर्यादा	उदाहरण	06	30.3.2022	
II	वसाहती - स्थान व रचना	- -	06	1.4.2022 -	
	→ अतमसि आकार - वाढ्य निर्मिती	- -	06	-	
	→ क्षेत्रीय प्रकार - वसाहतीचे कार्य	- -	06		
	→ घराचे प्रकार	- -	02	10.5.2022	
III	→ वसाहतीचे क्षेत्रीय संघटन	- -	06	11.5.22 -	
	→ आकार - जगा - वसाहतीची भूमी	- -	06	30.5.22	
				01.5.22 -	
IV	भारतातील वसाहतीची मुख्य वैशिष्ट्ये	- -	06	- 30.6.2022	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2021-2022)

Faculty : Arts / Science

Department : Geography Class : B.A./B.Sc. / M.A./M.Sc. III

Semester : VI

Paper No : XII Paper Name : Natural Calamities

Name Of Faculty : Koli R.G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	नैसर्गिक आपत्ती - व्याख्या - स्वरूप - व्याप्ती	व्याख्यान	06	2.3.22	I
		चर्चा	02	15.3.22	
		उदाहरण		+	
II	भूकंप - कारण - परिणाम - वितरण → ज्वालामुखी - कारण - परिणाम - वितरण	— 11 —	06	16.3.22	II
		— 11 —	06	6.4.22	
		— 11 —			
III	अवर्षण - कारण - प्रकार → परिणाम - वितरण → पूर - कारण - परिणाम → जैविक आपत्ती	— 11 —	06	7.4.22	III
		— 11 —	06		
		— 11 —	06	+	
		— 11 —	06	7.6.22	
IV	ज्वालामुखी तापमान वृद्धि - हरितगृह परिणाम → ओजोनचा क्षय - प्रदूषण - हवा - → जल प्रदूषण व मृदा प्रदूषण	— 11 —	06	8.6.22	IV
		— 11 —	08	+	
		— 11 —	06	30.6.22	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2021 -2022)

Faculty : Arts / Science

Department : Geography Class : B.A./B.Sc. / M.A. / M.Sc. III

Semester : VI

Paper No : XVII Paper Name : Biogeography

Name Of Faculty : Koli R.G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	→ जैविक भूगोल - व्याख्या - स्वरूप	व्याख्यान	04	02.3.22 -	I
	→ व्याप्ती - महत्व	चर्चा	04	+ 16.3.22	
		उद्घरण			
II	पर्यावरण - आवास - वनस्पती - प्राणी संघटन	- 11 -	06	17.3.22 -	II
	→ जीव प्रकार - डार्विनचा उत्क्रांती वादाचा सिद्धांत	- 11 -	08	+ 22.4.22	
		- 11 -	06		
III	वनस्पती भूगोलाचे धटक - वनाचे वितरण	- 11 -	06	23.4.22 -	III
	→ पूरप्रवाह व लिमनदीच्या प्रवाहा (पेट व वृद्धा - वस्थेतील) प्रदेशातील नवनिर्मित भूप्रदेश	- 11 -	06	+ 27.5.22	
		- 11 -	06		
IV	प्राणि भूगोल - प्राणी व पर्यावरण सहसंबंध	- 11 -	06	28.5.22 -	IV
	→ परिसंस्था - निर्मिती व कार्य	- 11 -	06	+ 30.6.22	
	→ भारताचे राष्ट्रीय वन धोरण	- 11 -	06		

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omega Dist. Osmanabad

office

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar For 180 Days

Faculty of Arts

Academic Year: (2021-22)

(Department of Political science)

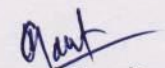
Name of Faculty Member: Dr. Prabhat Raut

Term	Month	Teaching Days	Theory Periods	Practical Periods	Total Periods
First Term	October	22	I+II+III 12+6+12	III 12	42
	November	16	12+6+12	12	42
	December	26	16+8+16	16	56
	January	24	16+8+16	16	56
	February	06	4+2+4	4	14
Total 1		94	60+30+60	60	210
Second Term	March	25	16+8+16	16	56
	April	23	14+7+14	14	49
	May	24	14+7+14	14	49
	June	26	16+8+16	16	56
Total 2		98	60+30+60	60	210
Total 1 + 2		192	120+60+120	120	420

Total Working Days = 192

Total Theory Periods = 300

Total Practical Periods = 120


Signature of Faculty Member


Principal
Shrikrishna Mahavidyalaya, Gunjoti
D. Omega Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching - Plan Academic Year (2021 - 2022)

2021-22

SKMG / 1000 / 2010 - 11

Faculty of Arts/Science/ Management Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Dr. P.S. Raut

Department of Pol. Sc.

Paper No. II

BA I

Paper Name Govt. and Politics of Mahd.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	महाराष्ट्र राज्य निर्मिती	Lecture	24	Oct-12 + Nov-12	
2.	शासनाचे घटक	-11-	24	Dec-16 + Jan-8	
3.	महाराष्ट्रातील विविध चळवळी	-11-	24	Jan-8 + Feb.-4 + March-12	
4.	पंचायतराज	-11-	24	March-4 + Apr-14 + May-6	
5.	राजकीय पक्ष	-11-	24	May-8 + June-16	

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching - Plan Academic Year (201-201

2021-22

SKMG / 1000 / 2010-11 Class : B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Class : B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Faculty of Arts / Science / Management Science

Name of Faculty Member : Dr. P.S. Raut

Department of Pol. Sc.

BA II

Paper No. III

Paper Name Govt. and Politics in India

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1	भारतीय घटना- उगम, प्रसिद्धि	Lecture	12	Oct-6 + Nov.-6	
2	भारतीय संघराज्य	-II-	12	Dec-8 + Jan.-4	
3	सर्वोच्च न्यायालय	-II-	12	Jan-4 + Feb-2 + Mar-6	
4	केन्द्र-राज्य संबंध	-II-	12	Mar-2 + Apr-7 + May-3	
5	भारतीय लोकशाहीपुढील आव्हाने	-II-	12	May-4 + June-8	

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Ta. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching - Plan Academic Year (201 - 201)

2021-22

SKMG / 1000 / 2010-11

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Faculty of Arts/Science/ Management Science

Name of Faculty Member : Dr. P.S. Raut

Department of Pol. sc.

Paper No. Sem - V & VI

Paper Name Political Ideologies

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1	राष्ट्रवाद	Lecture	12	Oct.	
2	उदारमतवाद	- 11 -	12	Nov.	
3	लोकशाही	- 11 -	12	Dec.	
4	साम्राज्यवाद	- 11 -	12	Dec. 4 + Jan-8	
5	स्त्रीवाद	- 11 -	12	Jan-8 + Feb-4	
6	समाजवाद	- 11 -	12	Mar.	
7	साम्यवाद	- 11 -	12	Mar-4 + Apr-8	
8	फेरीवाद	- 11 -	12	Apr. 6 + May-6	
9	अराज्यवाद	- 11 -	12	May-8 + June-4	
10	पथकिरणवाद	- 11 -	12	June.	

Sign. of Faculty Member Raut

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI



Teaching - Plan Academic Year (201-201

2021-22

SKMG / 1000 / 2010-11 Class : B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Class : B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Faculty of Arts / Science / Management Science

Faculty of Arts / Science / Management Science

Department of Pol. sc. BA III

Name of Faculty Member : Dr. P. S. Raut

Paper No. sem - V, VI

Paper Name Project work

Chapter No. Unit No.	Title / Subject	No. of Period	Method of Teaching	No. of Period	Duration of Date / Month / Year	Remarks
1	प्रकल्प कार्य		Lecture	12	OCT.	
2	प्रकल्प कार्य		- -	12	NOV.	
3	प्रकल्प कार्य		- -	12	DEC.	
4	प्रकल्प कार्य		- -	12	DEC, Jan. 4+8	
5	प्रकल्प कार्य		- -	12	Jan, Feb. 8+4	
6	प्रकल्प कार्य		- -	12	Mar.	
7	प्रकल्प कार्य		- -	12	Mar, Apr. 4+8	
8	प्रकल्प कार्य		- -	12	Apr. May 6+6	
9	प्रकल्प कार्य		- -	12	May, June 8+4	
10	प्रकल्प कार्य		- -	12	June	

Sign. of Faculty Member Dr. P. S. Raut

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar For 180 Days

Faculty of Art's

Academic Year: (2021-2022)

(Department of Political Science)

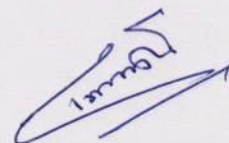
Name of Faculty Member: Mr. R. N. Nigade

Term	Month	Teaching Days	Theory Periods			Practical Periods	Total Periods
			I	II	III		
First Term	October	22	15	22	29	-	66
	November	16	11	19	21	-	51
	December	26	18	25	34	-	77
	January	24	16	26	34	-	76
	February	06	03	03	07	-	13
Total 1		94	63	95	125	-	283
Second Term	March	25	13	26	33	-	72
	April	23	16	26	34	-	76
	May	24	18	24	33	-	75
	June	26	17	26	34	-	77
Total 2		98	64	102	134	-	300
Total 1 + 2		192	127	197	259	-	583

Total Working Days = 265

Total Theory Periods = 583

Total Practical Periods = -



Signature of Faculty Member



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/ Management Science

Department of Political Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Mr. R. N. Nigade

Paper No. Ist

Paper Name Basic concept of Political Science

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	राज्य-उदय-विकास, राज्याच्या उदयाचा - ① दैवी सिध्दांत ② सामाजिक करार सिध्दांत ③ ऐतिहासिक उदयवादीवादीचा सिध्दांत	Lecture "	15	4 oct 2021 to 28 oct 2021	
2.	सरकार - अर्थ, व्याख्या, सरकारचे घटक प्रतिनिधीगृह, मंत्रिमंडळ, न्यायमंडळ सरकार चे प्रकार ① एककालीन सरकार ② संघसंघकार ③ संसदीय सरकार.	"	15	11 oct. to 7 Dec 2021	
3.	सावर्भौम सत्ता - अर्थ, व्याख्या, प्रकार जॉन ऑस्टीन चा अवेक सत्तावादी सिध्दांत	"	15	8 Dec 2021 to 4 Jan. 2022	
4.	नागरिकत्व प्राप्ती, लोप, नागरिकत्वाचे प्रकार	"	15	5 Jan. 2022 to 6 Feb 2022	

Sign. of Faculty Member

Principal

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010-11

Faculty of Arts/Science/ Management Science

Department of Political science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Mr. R. N. Nigade

Paper No. IIIrd

Paper Name Basic concept of Political science

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	स्वातंत्र्य, समता, न्याय, अर्थ, व्याख्या, स्वातंत्र्याचे प्रकार, समता व न्याय, स्वातंत्र्य व समता यातील फरक	Lecture	15	2 Mar 2022 to 28 Mar 2022	
2.	न्याय - अर्थ, स्वरूप, प्रकार, कर्तव्य	"	15	29 Mar 2022 to 25 April 2022	
3.	लोकशाही - अर्थ, वैशिष्ट्ये, प्रत्येक व अप्रत्येक लोकशाही, लोकशाहीचे गुण - दोष.	"	15	26 April 2022 to 19 May 2022	
4.	कायानकारी राज्य - अर्थ, वैशिष्ट्ये, आवृत्ति व ऐच्छिक कार्ये, कायानकारी राज्याचे मूल्यमापन.	"	15	23 May 2022 to 16 June 2022	

Sign. of Faculty Member

Principal

Shrikrishna Mahavidyalaya, Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/ Management Science

Department of political science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Mr. R. N. Nigade

Paper No. V

Paper Name Indian Govt. and Politics

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	मूलमूल अधिकार	Lecture	08	9 Oct 2021 to 30 Oct 2021	
2.	मार्क्सिक लत्वे	"	08	13 Nov. 2021 to 4 Dec 2021	
3.	अर्थसंकल्पीय प्रक्रिया आणि संसदीय समित्या.	"	08	11 Dec. 2021 to 8 Jan. 2022	
4.	राजकीय संस्था - कार्यमंडळ, कार्यकारी मंडळ, न्यायमंडळ, राष्ट्रपती.	"	06	15 Jan 2022 to 29 Jan. 2022	

Sign. of Faculty Member

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tal. Amnasa Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11

Faculty of Arts/Science/ Management Science

Department of Political Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Mr. R. N. Nigade

Paper No. VII

Paper Name Indian Govt. and Politics

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	भारतीय राजकीय पक्षांचे लक्ष्य आणि ① काँग्रेस, भारतीय जनता पार्टी, भारतीय कम्युनिस्ट पक्ष, मार्क्सवादी कम्युनिस्ट पक्ष	Lecture "	15	5 Mar 2022 to 23 Apr 2022	
2.	निकडनुक आयोग व निकडनुक सुधारणा.		15	30 April 2022 to 25 June 2022	

Sign. of Faculty Member

Principal
Shrikrishna Mahavidyalaya Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/ Management Science

Department of Political Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Mr. R. N. Nigade

Paper No. VI

Paper Name International Relations

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	आंतरराष्ट्रीय संबंध अर्थ, व्याख्या, स्वरूप, व्याप्ती व महत्त्व	Lecture	12	5 Oct 2021 to 27 Oct 2021	
2.	आंतरराष्ट्रीय संबंधांचे अभ्यास विषयक दृष्टीकोन ① आदर्शवादी दृष्टीकोन ② वास्तववादी दृष्टीकोन ③ वर्तनवादी दृष्टीकोन.	"	12	28 Oct 2021 to 25 Nov 2021	
3.	राष्ट्रीय हित, अर्थ-आधार राष्ट्रशास्त्री, अर्थ, आधार	"	12	26 Nov 2021 to 17 Dec 2021	
4.	सत्ता संलग्न - अर्थ - तंत्रे - प्रकार	"	12	21 Dec 2021 to 7 Jan 2022	
5.	भारताचे परराष्ट्र धोरण तत्वे आणि उद्दिष्टे.	"	12	11 Jan. 2022 to 4 Feb 2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010-11

Faculty of Arts/Science/ Management Science

Department of political science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Mr. R. N. Nigade

Paper No. VIII

Paper Name International Relations

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	सामाजिक सुरक्षितता आणि युजो, सामाजिक सुरक्षिततेचा अर्थ व स्वरूप	Lecture			
		"	12	1 Mar. 2022 to 18 May 2022	
2.	लजाव शैथिल्य - अर्थ व स्वरूप, वैशिष्ट्ये प्रकार	"	12	22 Mar. 2022 to 12 April 2022	
3.	जागतिक राजकारणातील महत्वाचे प्रश्न				
	① दहशतवाद ② पर्यावरणवाद	"	12	13 April 2022 to 30 April 2022	
4.	आंतरराष्ट्रीय व प्रादेशिक संघटना				
	व्यापार संघ, सार्क, आशियान.	"	12	3 May 2022 to 20 May 2022	
5.	आणि राष्ट्रीय संघटना - अर्थ, स्वरूप				
	श्रमिका व चळवळीची प्रासंगिकता.	"	12	24 May 2022 to 24 Jun 2022	

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Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010-11

Faculty of Arts/Science/ Management Science

Department of Political Science

Class : B.A. / B.Sc./M.A/M/Sc / Management Science

Name of Faculty Member : Mr. R. N. Nigade

Paper No. XI

Paper Name Indian political Thinkers

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	राजाराम मोहन रॉय - भारतीय प्रबोधन, स्वातंत्र्य, वृत्तपुत्र स्वातंत्र्य, कायदा व हक्का संबंधीचे विचार	Lecture	12	4oct.2021 to 25 oct 2021	
2.	दयानंद सरस्वती - पुनरुत्थानवादी विचार समाज सुधारणे संबंधी कार्ये, वैदिक स्वराज्य स्वदेशी, राष्ट्रवाद, लोकशाही वाक्येचे विचार	"	12	26 oct.2021 to 25 Nov.2021	
3.	लोकमान्य टिळक - सामा. सुधारणा व टिळक राष्ट्रवाद, टिळकांच्या राजकारणाची-चतुस्रती	"	12	29 Nov.2021 to 16 Dec 2021	
4.	महात्मा गांधी - राज. तत्वज्ञान, सत्य व अहिंसेची सकलपणा, सत्याग्रह, राज्य, धर्म - संबंधी विचार. गांधीवाद व साम्यवाद	"	12	20 Dec.2021 to 11 Jan.2022	
5.	गोपाळ कृष्ण गोखले - सामाजिक व उदारमतवादी विचार, राष्ट्रवादी विचार.	"	12	12 Jan 2022 to 6 Feb.2022	

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Osmanabad Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021) - 2022

SKMG / 1000 / 2010-11

Faculty of Arts/Science/ Management Science

Department of Political Science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Mr. R. N. Nigade

Paper No. XIII

Paper Name Indian Political Thinkers

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	पं. जवाहरलाल नेहरू - पंचवील तले, अनिसला धोरण, आत्मसंवेदी, समाजवादी विचार, संसदीय लोकशाही संबंधी विचार.	Lecture	12	1 Mar 2022 to 21 Mar 2022	
2.	डॉ बाबासाहेब आंबेडकर - संसदीय लोकशाही संबंधी विचार, बौद्ध धर्म, पाक संबंधी विचार	"	12	22 Mar 2022 to 11 April 2022	
3.	राम. राम. राम - नवमानवतावाद, मुलागामी लोकशाही, उदारमतवादी लोकशाही, गांधीवाद व माफ्यवाद.	"	12	12 April 2022 to 2 May 2022	
4.	मोलाजी अंबुल कलाम आसाद - धर्मा बाबतचे विचार, मित्रराष्ट्रवाद, आसाद व हिंदू-मुस्लीम संबंध	"	12	3 May 2022 to 24 May 2022	
5.	जयप्रकाश नारायण - समाजवादी विचार, लोकशाही संबंधी विचार, संघर्ष श्रंती विचार	"	12	25 May 2022 to 22 Jun 2022	

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Gunjoti



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Teaching - Plan Academic Year (2021 - 2022)

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/ Management Science

Department of Political science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Mr. R. N. Nigade

Paper No. X

Paper Name Western political Thinker

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	फोरो :- न्याया संबंधी विचार, साम्यवाद, सिद्धान्त, आदर्श राज्या संबंधी विचार	Lecture	12	1 Oct 2021 to 23 Oct. 2021	
2.	अविच्छिन्न + राज्या बाबत -चे विचार सामाजिकत्व बाबतचे विचार, शांती संबंधीचे विचार	"	12	29 Oct. 2021 to 20 Nov 2021	
3.	निकोलस मॅकव्हेली - मानवी स्वभाव, राजाला उपेक्षा, धर्मा बाबत -चे विचार	"	12	26 Nov. 2021 to 11 Dec. 2021	
4.	थॉमस हॉव्ज - मानवी स्वभाव, सामा. केंद्र सिद्धान्त, सार्वभौमत्वा संबंधीचे विचार	"	12	17 Dec. 2021 to 7 Jan. 2022	
5.	जॉन लॉक - मानवी स्वभाव, सामाजिक केंद्र सिद्धान्त	"	12	8 Jan 2022 to 28 Jan 2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2011 - 2012)

SKMG / 1000 / 2010- 11

Faculty of Arts/Science/ Management Science

Department of Political science

Class : B.A. / B.Sc./M.A/M.Sc / Management Science

Name of Faculty Member : Mr. R. N. Nigade

Paper No. XIV XIV

Paper Name Western Political Thinkers

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date/Month/Year	Remarks
1.	जीन जॉक रूसो - मानवी स्वभाव, सामा. करार, सिद्धांत, सामुहिक हिंसा.	Lecture	12	4 mar 2022 to 19 mar. 2022	
2.	जॉन स्टुअर्ट मिल - उपयोक्तावादी सिद्धांत स्वातंत्र्या संबंधी विचार, प्रातिनिधीक सरकार बाबतचे विचार.	"	12	25 mar 2022 to 9 April 2022	
3.	जेरेमी बेन्थॅम - राज्या संबंधी विचार, सरकार संबंधी विचार, कायदा व सुधारणा, हक्का संबंधीचे विचार, शिष्टे बाबतचे विचार	"	12	16 April 2022 to 23 may 2022	
4.	कार्ल मार्क्स - श्रौतिकवादी विचार, ऐतिहासिक श्रौतिकवादी विचार, वर्गसंघर्ष, क्रांति व समुद्राच्या सिद्धांत. राज्या संबंधी विचार, क्रांती संबंधी विचार.	"	12	24 may 2022 to 29 may 2022	
5.	प्रो हेरॉल्ड लास्की - सार्वमौल्य संबंधी विचार राजकीय विचार स्वातंत्र्या संबंधीचे विचार.	"	12	31 may 2022 24 Jun 2022	

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Shrikrishna Mahavidyalaya, Gunjoti

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Academic Calendar for 180 Days

Faculty of Science

Academic Year: (2021-22)

(Department of CHEMISTRY)

Name of Faculty Member: Prof. (Dr.). K.S.Lohar

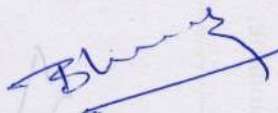
Term	Month	Working days	Theory Periods	Practical Periods	Total
First Term	October 2021	22	6	56	84
	November	16	11	44	71
	December	26	10	64	100
	January 2022	24	12	60	96
	February	6	6*	16	25
Total 1		94	45	240	376
Second Term	March	25	14	68	107
	April	23	12	60	95
	May	24	14	52	90
	June	26	13	64	103
Total 2		98	53	244	297
Total 1 + 2		192	98	484	582

Total Working Days = 192

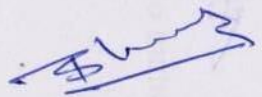
Total Teaching Days = 98

Total Theory Period = 98

Total Practical Periods = 484


 Signature of Faculty Member

4.	<p>Synthetic Dyes and Drugs: Definition, colour and constitution (electronic concept) of dye, classification based on chemical constitution, synthesis of methyl orange, Congo red, malachite green, crystal violet, Alizarin and indigo dyes. Synthetic Drugs, Definition, introduction, classification of drugs. Properties of ideal drug. Synthesis of chloromycetin, paracetamol, phenacetin, sulphaguainidine.</p>	Online Lecture	15	2/03/2022 To 30/06/2022	
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Signature of Faculty Member

Principal

SHRI KRISHNA MAHAVIDYALAYA, GUNOTI

Teaching –Plan Academic Year (2021-2022)

Class: B.Sc. III.

Department of Chemistry

Name of Faculty Member: Prof. Dr. K.S. Lohar

Paper No.: XIV (Sem .V)

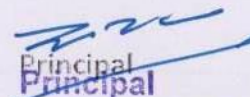
Paper Name: ORGANIC CHEMISTRY

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
II.	<i>Organometallic compounds:</i> The Grignard reagent, C_2H_5MgBr formation, structure and chemical reactions. Organozinc compound, formation and chemical reactions, organolithium compound, formation and chemical reactions.	Online Lecture	08	01/10/2021 To 07/02/2022	
III.	<i>Organic Synthesis via Enolates</i> Defination, Active methylene compounds, Preparation of Aceto acetic ester, (Claisen condensation with Mechanism), Acidity of alpha hydrogen, properties and reactions involving formation of mono, di and unsaturated carboxylic acids, also synthesis of ketone, di ketone, 4-methyl uracil from acetoacetic ester, keto-enol tautomerism. Preparation of diethyl malonate, properties and reactions involved in alkylation, formation of mono, di and unsaturated carboxylic acids, and also synthesis of glycine and barbutric acids from diethyl malonate.	Offline Lecture	13	01/10/2021 To 30/11/2021	
IV.	<i>Fats, oils and detergents</i> Edible and industrial oils of vegetable origin, manufacture of soyabean oil by solvent extraction method and isolation and uses of essential oils. Types of animals fats and oils and defination of saponification value, iodine value, and acid value. Detergents: Defination, Introduction and preparation of sodium alkyl sulphonate, alkyl benzene sulphonate, and amide sulphonate, (one example each), Cleansing action of detergent.	Offline Lecture	08	1/12/2021 To 28/12/2021	

I.	<p>Spectroscopy Nuclear magnetic resonance (NMR) spectroscopy.</p> <p>Proton magnetic resonance (^1H NMR) spectroscopy, nuclear shielding and deshielding, chemical shift and molecular structure, spin-spin splitting and coupling constants, areas of signals, interpretation of PMR spectra of simple organic molecules such as ethyl bromide, ethanol, acetaldehyde, 1, 2, 2 tribromoethane, ethyl acetate, toluene and Acetophenone. Problems pertaining to the structure elucidation of simple organic compounds using UV, IR and PMR spectroscopic techniques. (Combine and single λ_{max} using woodward fischer rule)</p>	Offline Lecture	16	29/12/2021 To 7/02/2022	
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Signature of Faculty Member



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Tq. Omerga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI
Teaching –Plan Academic Year (2021-2022)

Department of Chemistry

Paper No.: XV . Semester V

Class: B.Sc. III.

Name of Faculty Member: Prof. Dr. K.S. Lohar

Paper Name: ORGANIC + INCHEMISTRY

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
	Separation and Identification of both components (Any Six)	Demonstrations	4	22.October.2021	
1.	i) Benzoic Acid + β -naphthol		4	-31 December2021	
	ii) Salicylic Acid + P- nitro aniline		4		
	iii) β -naphthol + Acetanilide		4		
	iv) m-nitroaniline + Naphthalene		4		
	v) α -naphthol + O-nitroaniline		4		
	vi) Cinnamic Acid + Naphthalene		4		
	vii) Salicylic Acid + Naphthalene		4		
	viii) β -naphthol + m-dinitrobenzene		4		
	ix) Cinnamic Acid + P- nitro anilin		4		
	x) Salicylic Acid + β -naphthol	4			

Signature of Faculty Member

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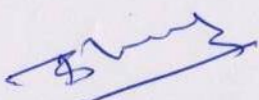
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Tq.Omerga Dist.Osmanabad

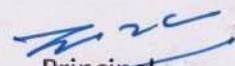
SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI
Teaching –Plan Academic Year (2021-2022)

Department of Chemistry
Paper No.: XV (Sem .VI) Lab.Course. X.

Class: B.Sc. III.
Name of Faculty Member: Prof. Dr. K.S. Lohar
Paper Name: INORGANIC CHEMISTRY

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
2	1.Separation of calcium and Barium and estimation of Ca-volumetrically or Ba - gravimetrically.	Demonstration	04	1 January 2021 7 Feb.2022	
	2.Separation of Cu and Ni from binary mixture solution and estimation of Cu-volumetrically and Ni-gravimetrically		04		
	3.Estimation of oxalic acid and H ₂ SO ₄ in a given mixture Solution using NaOH and KMnO ₄ solution.		04		
	4.Estimation of Fe by potassium dichromate using diphenyl ammine indicator.		04		
	5.Estimation of available chlorine in the given sample of bleaching powder.		04		
3.	6.Inorganic Qualitative Analysis (Semi-Micro Analysis)		20		


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Tq.Omerga Dist.Osmanabad

SHRI KRISHNA MAHAVIDYALAYA, GUNTURI
Teaching –Plan Academic Year (2021-2022)

Department of Chemistry

Paper No.: XXII Organic Chemistry (Sem.VI)

Class: B.Sc. III.

Name of Faculty Member: Prof. Dr. K.S. Lohar

Paper Name: Organic Chemistry

Chapter No. Unit .	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Heterocyclic Compounds: Introduction: Molecular orbital picture and aromatic characteristics of pyrrole, furan, thiophene and pyridine, Methods of synthesis and chemical reactions with particular emphasis on the mechanism of electrophilic substitution. Mechanism of nucleophilic substitution reactions in pyridine. Comparison of basicity of pyridine, piperidine and pyrrole. Condensed Heterocycles: Introduction, Preparation of Quinoline (Skraups Synthesis), Isoquinoline (Bischler - Napirlaski) and Indole (Fischer indole Synthesis).	Offline Lecture	13	02/03/2022 To 31/03/2022	
2.	Carbohydrates: Defination, Introduction and Classification. Monosaccharides-Interconversion of Glucose and Fructose, chain lengthening, chain shortening of aldoses. Conversion of Glucose into mannose. Determination of ring size of Monosaccharide, Mechanism of Mutarotation and Introduction to disaccharides (maltose, sucrose and lactose) and Polysaccharides (Starch and cellulose) without involving structure determination	Offline Lecture	10	3/04/2022 To 31/4/2022	
3.	Synthetic Polymers : Introduction, Classification based on nature of synthesis (without mechanism) with examples. (Addition and condensation polymers). Properties, uses and synthesis of polyvinyl chloride, polyvinyl acetate, polystyrene, polyacrylonitrile, Nylon 6, Nylon 66. Introduction to synthetic and natural rubber, properties, uses and synthesis of Buna N., Neoprene and silicon rubber.	Offline Lecture	07	2/05/2022 To 27/05/2022	

4.

Synthetic Dyes and Drugs:

Definition, colour and constitution (electronic concept) of dye, classification based on chemical constitution, synthesis of methyl orange, Congo red, malachite green, crystal violet, Alizarin and indigo dyes. Synthetic Drugs, Definition, introduction, classification of drugs.

Properties of ideal drug. Synthesis of chloromycetin, paracetamol, phenacetin, sulphaguanidine.

Online Lecture

15

2/03/2022
To
30/06/2022



Signature of Faculty Member



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Tq. Omerga Dist. Osmanabad

SHRI KRISHNA MAHAVIDYALAYA, GUNICOTI

Teaching –Plan Academic Year (2021-2022)

Class: B.Sc. III.

Department of Chemistry

Name of Faculty Member: Prof. Dr. K.S. Lohar

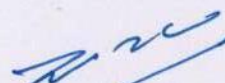
Paper No.: XVIII (Sem.VI)

Paper Name: Physical Chemistry

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	<p>Instrumental</p> <p>1. Determine the % composition of HCl and CH₃COOH in a given mixture by titrating against strong base conductometrically.</p> <p>2. Determine the strength of oxalic acid conductometrically using sodium hydroxide solution.</p> <p>3. To determine empirical formula of ferric -5-sulphosalicylate</p> <p>4. Determine the amount of Fe²⁺ in the given solution potentiometrically</p> <p>5. To determine the refractive indices of series of salt solutions and to find out concentration of the salt in given unknown solution.</p>	Demonstration	20	02 March 2022 onwards	
2.	<p>Non-Instrumental</p> <p>1. To determine the interfacial tension between two immiscible liquids.</p> <p>2. To study the effect of addition of an electrolyte NaCl / KCl on the solubility of benzoic acid at room temperature.</p> <p>3. To determine the standard free energy change ΔG^0 and equilibrium constant for the reaction.</p> <p>$Cu + 2 Ag^+ = Cu^{+2} + 2 Ag$</p>	Demonstration	12		

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SHRI KRISHNA MAHAVIDYALAYA, GUNTOTI

Teaching –Plan Academic Year (2021-2022)

Class: B.Sc. III.

Department of Chemistry

Name of Faculty Member: Dr. K.S. Lohar

Paper No.: XVIII (Sem.VI)

Paper Name: Physical Chemistry

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Organic Estimation	Demonstration	20	02 Mayl 2022 onwards	
	i) Estimation of Carbonyl group by hydrazone formation method	Demonstration	24		
	ii) Estimation of vitamin C in commercial soft drink / Glucon D				
	iii) Estimation of ascorbic acid				
	iv) Estimation of Saponification value of oil				
2	Organic Preparation and its purity by TLC				
	i) Preparation of Hydrazobenzene from azobenzene.				
	ii) Preparation of Phthalic anhydride from phthalic acid.				
	iii) Preparation of 2, 4 dinitrophenyl hydrazone of acetone.				
	iv) To prepare picrate of Naphthalene.				
	v) To prepare picrate of Anthracene.				
	vi) preparation of p – bromo acetanilide from acetanilide				

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SHRIKRISHNA MAHAVIDYALAYA,
GUNJOTI

Academic Calendar for 180 Days

Faculty of Arts / Science

Academic Year: (2021-2022)

(Department of Chemistry)

Name of Faculty Member: Dr. V. S. Hogade

Term	Month	Teaching days	Theory Periods	Practical Periods	Total Periods
First Term	October	22	22	64	86
	Winter Vacations (01-11-2021 to 10-11-2021)				
	November	16	16	44	60
	December	26	26	74	100
	January	24	24	77	101
	February	06	06	16	22
Total 1		94	94	275	369
Term End Exam 08/02/2022 to 28/02/2022					
Second Term – 01 March 2022 to 30 June 2022					
Second Term	March	25	25	60	85
	April	23	23	64	87
	May	24	24	64	88
	June	26	26	64	90
Total 2		98	98	252	350
Total 1 + 2		192	192	527	719

Total Working Days = 265

Total Theory Periods = 192

Total Practical Periods = 527

Signature of Faculty Member
Hogade

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Teaching –Plan Academic Year 2021-2022

SKMG / 2021-2022

Department of Chemistry


Paper No.: Paper –II (I Sem.)

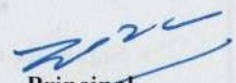
Class: B.A. / B.Sc. / M.A. / M.Sc. / I

Name of Faculty Member: Dr. V.S. Hogade

Paper Name: Organic Chemistry

Chapter No./ Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Month/ Year	Remarks
1.	Structure and Bonding: Localized and delocalized chemical bond; charge transfer complexes, resonance, hyper conjugation, inductive effect, hydrogen bonding, conjugative effect, steric effect.	Lecture	6	Oct - 2021	
2.	Mechanism of Organic Reactions: Homolytic and heterolytic bond breaking. Types of reagents electrophiles and nucleophiles. Types of organic reactions. Energy considerations. Reactive intermediates - carbocations, carbanions, free radicals (with two examples each).	Lecture	10	Nov - 2021	
3.	Stereochemistry of Organic Compounds : Concept of Isomerism - Types of isomerism. Optical Isomerism - elements of symmetry, molecular chirality, enantiomers, stereogenic centre, optical activity, properties of enantiomers, chiral and achiral molecules with two stereogenic centres, diastereomers, threo and erythro diastereomers, meso compounds. Relative and absolute configuration, sequence rules, D and L and R and S systems of nomenclature. Geometric Isomerism - Determination of configuration of geometric isomers. E and Z system of nomenclature, geometric isomerism in oximes and alicyclic compounds. Home Assignment.	Lecture +Model Demonstration +LCD Projector	10	Dec - 2021	
4.	Alkanes : Methods of formation (Koble reaction, Corey - House reaction and decarboxylation of carboxylic acids). Physical properties and Chemical reactions of alkanes. Chlorination, Nitration, Sulphonation, Catalytic oxidation.	Lecture	4	Jan - 2022	


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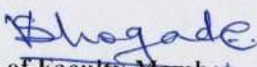
Paper No.: Paper –II (I Sem.)

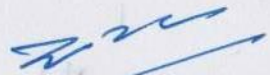
Class: B.A. / B.Sc. / M.A. / M.Sc. / I

Name of Faculty Member: Dr. V.S. Hogade

Paper Name: Organic Chemistry

Chapter No./ Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Month/ Year	Remarks
5.	Alkenes : Nomenclature of alkenes, methods of formation, mechanisms of dehydration of alcohols and dehydrohalogenation of alkyl halides. The Saytzeff rule, Hofmann elimination, physical properties and relative stabilities of alkenes. Chemical reactions of alkenes - mechanisms involved in hydrogenation, electrophilic and free radical additions, Markownikoff's rule, hydroboration and oxidation with KMnO_4 . Polymerization of alkenes with one example each. Unit Test.	Lecture	6	Jan - 2022	
6.	Arenes and Aromaticity: Nomenclature of benzene derivatives. The aryl group. Aromatic nucleus and side chain structure of benzene: molecular formula and Kekule structure. Resonance Structure, MO Picture. Aromaticity: The Huckel rule, aromatic ions. Aromatic electrophilic substitution: General Pattern of the mechanism (Nitration, halogenations and Sulphonation) and Friedel Crafts reaction.	Lecture LCD Projector	5	Feb - 2022	
7.	Alkyl and Aryl halides: Polyhalogen Compounds: Chloroform, Carbon tetrachloride. Methods -formation of aryl halides, nuclear and side chain reaction.	Lecture	4	Feb - 2022	


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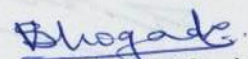
Paper No.: Paper – IV (II Sem.)

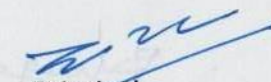
Class: B.A. / B.Sc. / M.A. / M.Sc. / I

Name of Faculty Member: Dr. V.S. Hogade

Paper Name: Physical Chemistry

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Month/ Year	Remarks
1.	Mathematical Concepts: Logarithmic relations, curve sketching, linear graphs and calculation of slopes, differentiation of functions like kx , ex , xn , $\sin x$, $\log x$; maxima and minima, partial differentiation.	Lecture	06 Hrs.	Mar - 2022	
2.	Gaseous State: Postulates of kinetic theory of gases, kinetic gas equation, Deduction of Gas Laws: Boyles Law, Charles Law, Grahams Law of diffusion, Avogadro's hypothesis, deviation from ideal behaviour, van der Waals equation of state. Critical Phenomena: PV isotherms of real gases. Unit test.	Lecture	08 Hrs.	Mar - 2022	
3.	Liquid State: Intermolecular forces, structure of liquids (a qualitative description), Difference between solids, liquids and gases. Liquid Crystals: Classification, structure of nematic and cholestric phases.	Lecture	6 Hrs.	Apr - 2022	
4.	Solid State : Types of solids, Amorphous, crystalline and difference between them. Miller Indices. Laws of crystallography - (i) Law of constancy of interfacial angles (ii) Law of rationality of indices (iii) Law of symmetry. Symmetry elements in crystals. X-ray diffraction by crystals. Derivation of Bragg equation.	Lecture	7 Hrs.	Apr -2022	


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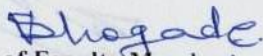
Paper No.: Paper -IV (II Sem.)


Class: B.A. / B.Sc. / M.A. / M.Sc. / I

Name of Faculty Member: Dr. V.S. Hogade

Paper Name: Physical Chemistry

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Month/ Year	Remarks
5.	Colloidal State : Definition of colloids, classification of colloids. Solids in liquids (sols): properties - kinetic, optical and electrical; stability of colloids, protective action. Hardy - Schulze Law. Liquids in liquids (emulsions); types of emulsions, preparation. Liquids in Solids (gels): classification, preparation and properties, general applications of colloids.	Lecture & LCD Projector	8 Hrs.	May - 2022	
6.	Chemicals Kinetics and Catalysis: Chemical Kinetics and its scope, rate of reaction, factors influencing the rate of reaction - concentration, temperature, pressure, solvent, light, catalyst concentration dependence of rates. Derivation of rate law and characteristics of simple chemical reactions - zero order, first order, second order, Pseudo order, half-life. Effect of temperature on rate of reaction. Arrhenius equation, concept of activation energy. Catalysis: Definition, types, and characteristics of catalysis, homogeneous, heterogeneous catalysis - Enzyme catalysis and its application.	Lecture	10 Hrs.	June - 2022	


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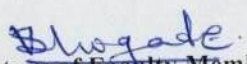
Paper No.: Paper –VIII (III Sem.)

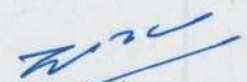
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Name of Faculty Member: Dr. V.S. Hogade

Paper Name: Physical Chemistry

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Month/ Year	Remarks
1.	Thermodynamics- I: Definition of <i>Thermodynamic Terms</i> : System, Surrounding types of system, intensive and extensive properties. Thermodynamic Process, Concept of heat and work. Work done in reversible and irreversible process, concept of maximum work (W_{max}). Numerical problems. <i>First law of Thermodynamics</i> : Statement, Definition of Internal energy and Enthalpy. Heat capacity, heat capacities at constant volume pressure and their relationship. Calculation of W , q , du and dH for the expansion of ideal gases under isothermal and adiabatic conditions for reversible process, Numerical problems, Hess's law of heat Summation and its application. Home Assignment.	Lecture	15	Oct and Nov - 2021	
2.	Thermodynamic-II: <i>Second Law of Thermodynamics</i> : Need for the law, different statement of the law, <i>Carnot Cycle</i> and its efficiency, Numerical Problems. Carnot Theorem. Concept of <i>Entropy</i> : Definition, Physical significance, Entropy as a State Function, Entropy change in Physical change, Entropy as criteria of Spontaneity & Equilibrium Entropy Change in Ideal Gases. Gibbs and Helmholtz Functions: Gibbs Function (G) and Helmholtz Function (A) as Thermodynamic Quantities. A and G as criteria for Thermodynamic Equilibrium and Spontaneity, their Advantage over Entropy change. Variation A with P , V and T . Unit Test.	Lecture	20	Dec, Jan – 2021, 2022	
3.	Chemical Equilibrium: Equilibrium Constant and Free Energy. Thermodynamic Derivation of Law of Mass Action. Le Chatelier's Principle. Reaction Isotherm and Reaction Isochore. Clapeyron Equation, Clausius-Clapeyron Equation and its Application.	Lecture	10	Jan, Feb - 2022	


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Paper No.: Paper –XI (IV Sem.)

Class: B.A. / B.Sc. / M.A. / M.Sc. / II

Name of Faculty Member: Dr. V.S. Hogade

Paper Name: Physical Chemistry

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Month/ Year	Remarks
1.	Phase Equilibrium: Statement and Meaning of the Terms: Phase, Component, Degree of Freedom, Derivation of Phase Rule Equation. Phase Equilibria of the One Component System: Water System. Phase Equilibria of Two Components System: Solid-Liquid Equilibria. Simple Eutectic Pb-Ag. System Desilverisation of Lead. Solid Solutions: Compound formation with congruent Melting Point (Mg-Zn) and Incongruent Melting Point ($\text{FeCl}_3 - \text{H}_2\text{O}$) System. Freezing Mixture, Acetone-Dry Ice. Liquid-Liquid Mixture: Raoult's Law and Henry's Law. Ideal and Non-Ideal system. Azeotropes: $\text{HCl} - \text{H}_2\text{O}$ and Ethanol – Water System. Partially Miscible Liquids: Phenol –Water, Tri methyl Amine – Water, Nicotine- water System. Lower and Upper Consulate Temperature. Effect of Impurity on Consulate Temperature. Unit Test.	Lecture & ICT based Teaching material.	15	Mar, Apr - 2022	
2.	Electro Chemistry- I: Electrical Transport: Conduction in metals and in Electrolyte Solutions. Specific Conductance and equivalent conductance, measurement of equivalent conduction, variation of equivalent and specific conductance with dilution. Numerical problems. Kohlrausch's law and its application. Arrhenius Theory of Electrolyte Dissociation and its limitations. Weak and Strong Electrolytes, Ostwald's Dilution Law, its use and Limitations. Transport Number: Definition, Determination by Hittorf's Method and Moving Boundary Method. Conductometric Titration: Types and its advantages.	Lecture	15	Apr, May – 2022	


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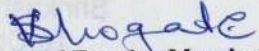
Paper No.: Paper –XI (IV Sem.)


Class: B.A. / B.Sc. / M.A. / M.Sc. / II

Name of Faculty Member: Dr. V.S. Hogade

Paper Name: Physical Chemistry

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Month/ Year	Remarks
3.	Electrochemistry – II: Types of Reversible Electrodes: Gas-Metal Ion, Metal-Metal Ion, Metal-Insoluble salt Anion and Redox Electrodes. Nernst Equation, Derivation of Cell, E.M.F. and single Electrode Potential, Standard Hydrogen Electrode, Reference Electrodes, Standard Electrode Potential, Sign Conventions, Electro-Chemical Series and its significance. Electrolytic and Galvanic Cells, Reversible and Irreversible Cells, Conventional Representation of Electro Chemical Cells. E.M.F. of a Cell and its Measurement, Calculation of Thermodynamic Quantities of Cell Reactions (ΔG , ΔH and K). Definition of pH, pKa- Determination of pH using SHE and Glass Electrode by Potentiometer method. Buffer- Acidic and Basic Buffers, Mechanism of Buffer Action, Henderson- Hasselbalch equation. Corrosion: Dry (Atmospheric) Corrosion and Wet (Electro-Chemical) Corrosion Electrochemical Theory of Corrosion.	Lecture	15	May, June - 2022	


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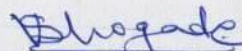
Paper No.: Paper –III (I Sem.)

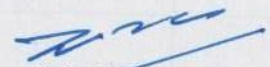
Class: B.A. / B.Sc. / M.A. / M.Sc. / I

Name of Faculty Member: Dr. V.S. Hogade

Paper Name: Lab Course I

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Month/ Year	Remarks
I.	Volumetric Analysis : 1. Preparation of 0.1N. NaOH solution and its standardization by given oxalic acid solution. 2. Preparation of 0.1 N oxalic acid solution and its standardization by given KMNO_4 solution.	Lecture & Demonstration	10	Oct - 2021	
II.	Inorganic Qualitative Analysis : Identify two acids and two basic radical from the given binary mixture. a] $\text{CdSO}_4 + \text{NH}_4\text{Cl}$ b] $\text{BaCO}_3 + \text{Al}_2(\text{NO}_3)_3$ c] $\text{ZnCO}_3 + \text{KBr}$ d] $\text{MnCO}_3 + \text{MgSO}_4$ e] $\text{NiSO}_4 + \text{MgCO}_3$	Lecture & Demonstration	15	Nov, Dec - 2021	
III.	Physical Chemistry:				


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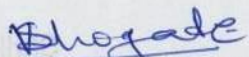
Paper No.: Paper – III (I Sem.)

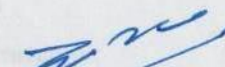
Class: B.A. / B.Sc. / M.A. / M.Sc. / I

Name of Faculty Member: Dr. V.S. Hogade

Paper Name: Lab Course I

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Month/ Year	Remarks
1.	Eudiometer: Determination of Equivalent weight of Mg	Lecture & Demonstration	20	Jan - 2022	
2.	Viscometer: To Determine Viscosity of given liquid (Water / Ethanol) by viscometer	Lecture & Demonstration			
3.	Stalagmometer: To determine surface tension of given liquid.	Lecture & Demonstration			
4.	Chemical Kinetics: 1. To study the effect of acid strength on the hydrolysis of an ester. 2. To determine the specific reaction rate of the hydrolysis methyl / ethyl acetate catalyzed by hydrogen ions at room temperature.	Lecture & Demonstration			


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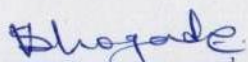
Paper No.: Paper – VI (II Sem.)

Class: B.A. / B.Sc. / M.A. / M.Sc. / I

Name of Faculty Member: Dr. V.S. Hogade

Paper Name: Lab Course II

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Month/ Year	Remarks
I.	Organic Qualitative Analysis: Nature / Functional group / Element / Derivative / Physical constant * Benzoic acid, * salicylic acid, * β -naphthol, * p-nitroaniline, * Naphthalene, * Acetanilide.	Lecture & Demonstration	30	Mar, Apr - 2022	
II.	Organic Estimation: <ul style="list-style-type: none">Phenol by BrominationEstimation of basicity, molecular weight of organic acid (oxalic/acetic acid)	Lecture & Demonstration	15	May, June - 2022	


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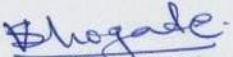
Paper No.: IX (III Sem.)

Class: B.A. / B.Sc. / M.A. / M.Sc. / II

Name of Faculty Member: Dr. V.S. Hogade

Paper Name: Lab Course III

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Month/ Year	Remarks
1.	Section A (Physical Chemistry) Non Instrumental i) To determine critical solution temperature of Phenol- water system. ii) To determine solubility of benzoic acid at different temperature and determine ΔH Of dissolution process. iii) To determine heat of neutralization (ΔH_n) of NaOH and HCl iv) To determine heat of neutralization (ΔH_n) of NaOH and Acetic acid. v) Partition coefficient of Benzene – water system using benzoic acid. vi) To determine the equilibrium constant for the reaction: $KI + I_2 \rightleftharpoons KI_3$ vii) Determine the molecular mass of polymer from viscometer measurements. viii) To investigate the Kinetics of Iodination of acetone.	Lecture & Demonstration	45	Oct 2021 to Feb 2022	


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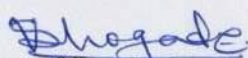
Paper No.: Paper -XII (IV Sem.)

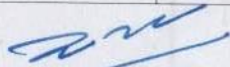
Class: B.A. / B.Sc. II

Name of Faculty Member: Dr. V.S. Hogade

Paper Name: Lab Course IV

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	<p>Section A (Physical Chemistry)</p> <p>Instrumentation:</p> <p>i) To determine normality and strength of HCl using (0.1N) NaOH Solution Conductometrically.</p> <p>ii) To determine normality and strength of acetic acid using (0.1N) NaOH solution Conductometrically.</p> <p>iii) To determine normality and strength of HCl using (0.1N) NaOH solution by pH-Metrically.</p> <p>iv) To Verify Lambert-Beers Law using KMnO_4 solution.</p> <p>v) To estimate the amount of Sugar using Polarimeter.</p> <p>vi) To determine refractive index of ethanol water system.</p> <p>vii) To determine indicator constant of indicator colorimetrically.</p>	Lecture & Demonstration	45	Mar 2022 to June 2022	


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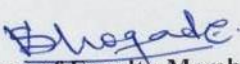
Department of Chemistry

Name of Faculty Member: Dr. V.S. Hogade

Paper No.: Paper XV (V Sem.)

Paper Name: Lab Course V

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Organic Chemistry Separation and Identification of both components i) Benzoic Acid + β -naphthol ii) Salicylic Acid + P- nitro aniline iii) β -naphthol + Acetanilide iv) m-nitroaniline + Naphthalene v) α -naphthol + O-nitroaniline vi) Cinnamic Acid + Naphthalene vii) Salicylic Acid + Naphthalene viii) β -naphthol + m-dinitrobenzene ix) Cinnamic Acid + P- nitro aniline x) Salicylic Acid + β -naphthol	Lecture & Demonstration	45	Oct, Nov - 2021	


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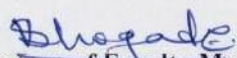
Paper No.: Paper XV (V Sem.)

Class: B.A. / B.Sc. II

Name of Faculty Member: Dr. V.S. Hogade

Paper Name: Lab Course V

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Inorganic Chemistry 1. Inorganic Qualitative Analysis (Semi-Micro Analysis) 2. Separation of calcium and Barium and estimation of Ca-volumetrically . 3. Separation of Cu and Ni from binary mixture solution and estimation of Cu-volumetrically . 4. Estimation of oxalic acid and H ₂ SO ₄ in a given mixture Solution using NaOH and KMnO ₄ solution. 5. Estimation of Fe by potassium dichromate using diphenyl ammine indicator. 6. Estimation of available chlorine in the given sample of bleaching powder. 7. Separation of calcium and Barium and estimation of Ba-gravimetrically. 8. Separation of Cu and Ni from binary mixture solution and estimation of Ni-gravimetrically	Lecture & Demonstration	45	Dec, Jan - 2021	


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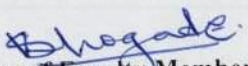
Paper No.: Paper XVIII (VI Sem.)

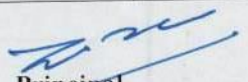
Class: B.A. / B.Sc. II

Name of Faculty Member: Dr. V.S. Hogade

Paper Name: Lab Course VI

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Organic Chemistry Organic Estimation i) Estimation of Carbonyl group by hydrazone formation method ii) Estimation of vitamin C in commercial soft drink / Glucon D iii) Estimation of ascorbic acid iv) Estimation of Saponification value of oil Organic Preparation and its purity by TLC i) Preparation of Hydrazobenzene from azobenzene. ii) Preparation of Phthalic anhydride from phthalic acid. iii) Preparation of 2, 4 dinitrophenyl hydrazone of acetone. iv) To prepare picrate of Naphthalene. v) To prepare picrate of Anthracene. vi) preparation of p - bromo acetanilide from acetanilide	Lecture & Demonstration	45	Mar, Apr - 2022	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching Plan Academic Year 2021-2022

SKMG / 2020-21

Department of Chemistry

Paper No.: Paper XVIII (VI Sem.)

Class: B.A. / B.Sc. II

Name of Faculty Member: Dr. V.S. Hogade

Paper Name: Lab Course VI

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	<p align="center">Physical Chemistry</p> <p>Instrumental</p> <ol style="list-style-type: none">Determine the Strength of HCl and CH₃COOH in a Given mixture by titrating against strong base conductometrically.Determine the strength of oxalic acid conductometrically Using sodium hydroxide solution.To determine empirical formula of ferric -5-sulphosalicylateDetermine the amount of Fe²⁺ in the given solution potentiometricallyTo determine the refractive indices of series of salt solutions and To find out concentration of the salt in given unknown solution. <p>Non-Instrumental</p> <ol style="list-style-type: none">To determine the interfacial tension between two immiscible Liquids.To study the effect of addition of an electrolyte NaCl / KCl On the solubility of benzoic acid at room temperature.To determine the standard free energy change ΔG^0 and Equilibrium constant for the reaction. $Cu + 2 Ag^+ = Cu^{+2} + 2 Ag$	Lecture & Demonstration	45	May, June - 2022	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI
Academic Calendar for 180 Days

Faculty of Science

Academic Year- 2021- 2022

Department of Botany

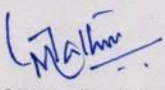
Name of Faculty: Dr. G. M. Rathod

Term	Month	Working days	Theory periods		Practical periods			Total periods
			I	II	I	II	III	
First Term	October	22	11	11	04	03+04	04	67
	November	16	08	08	02	03+03	02	46
	December	26	13	13	05	04+05	05	83
	January	24	12	12	03	04+04	04	69
	February	06	03	03	01	01+01	01	18
Total 1		94	47	47	45	45+51	48	283
Second Term	March	25	13	12	05	04+05	03	76
	April	23	12	11	04	04+03	04	68
	May	24	12	12	04	04+04	04	72
	June	26	13	13	05	04+05	05	83
	Total 2		98	50	48	54	48+ 51	48
Total 1+2		192	97	95	99	93+102	93	579

Total working days = 192

Total theory periods = 192

Total practical periods = 387


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2021-2022

Class: B.Sc.

Department of Botany

Paper No.: I (I Sem.)

Name of Faculty: Dr. G. M. Rathod

Paper Name: Diversity of Cryptogams - I

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Viruses: General characters, classification based on host, economic importance, TMV – structure and multiplication	Lecture	04		
	Mycoplasma: General characters	Lecture	01		
	Bacteria: General characters, ultra structure, classification based on shape, reproduction, economic importance	Lecture	05		
	Cryptogams: General characters, classification according to G.M. Smith up to class level	Lecture	01		
	Lichens: General characters, nature of association, forms of thalli, economic importance, structure and reproduction in <i>Usnea</i>		04		
2.	Algae: General characters, classification according to F.E. Fritsch (1935) up to the class level, economic importance.	Lecture	02		
	Systematic position, occurrence, thallus structure, reproduction:-vegetative, asexual and sexual, (excluding development of sex organs) and graphic life cycle with respect to following types: i. Cyanophyceae– <i>Nostoc</i> ; ii. Chlorophyceae– <i>Chara</i> ; iii. Xanthophyceae – <i>Botrydium</i> ; iv. Phaeophyceae – <i>Sargassum</i> ; v. Rhodophyceae – <i>Batrachospermum</i>	Lecture	13		
3	Fungi: General characters, classification according to Alexopoulos and Mims (1979) up to the class level, economic importance	Lecture	03		
	Systematic position, occurrence, structure of mycelium, reproduction - asexual, sexual and graphic life cycle with respect to the following types: i) Oomycetes– <i>Albugo</i> ; ii) Zygomycetes– <i>Mucor</i> ; iii) Ascomycetes– <i>Eurotium</i> ; iv) Basidiomycetes – <i>Agaricus</i> ; v) Deuteromycetes – <i>Cercospora</i>	Lecture	12		

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2021-2022

Class: B.Sc. I

Department of Botany

Paper No.: III (I Sem.)

Name of Faculty: Dr. G. M. Rathod

Paper Name: Diversity of Cryptogams - (Pract.)

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Study of simple and compound microscope	Demonstration	03		
2.	Virus: Tobacco Mosaic Virus	Demonstration	03		
3.	Gram staining in bacteria, forms of Bacteria	Demonstration	03		
4	Algae: a) <i>Nostoc</i> b) <i>Chara</i> c) <i>Botrydium</i> d) <i>Sargassum</i> e) <i>Batrachospermum</i>	Demonstration	03		
5	Fungi: a) <i>Albugo</i> b) <i>Mucor</i> , c) <i>Eurotium</i> d) <i>Agaricus</i> e) <i>Cercospora</i>	Demonstration	03		
6	Lichens: Form - Crustose, Foliose, Fruticose; <i>Usnea</i> .	Demonstration	03		

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Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2021-2022

Class: B.Sc. II

Department of Botany

Paper No.: VIII (III Sem.)

Name of Faculty: Dr. G. M. RATHOD

Paper Name: Plant Ecology

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	A) Climatic factors – a) Light as an ecological factor, global radiation and photosynthetically active radiation b) Temperature as an ecological factor c) Water as an ecological factor, physicochemical properties of water	Lecture	06		
	B) Edaphic factor –Soil formation -soil profile, physicochemical properties of soil, major soil types of India, soil erosion and soil conservation		09		
2.	Response of plants to water- Morphological, physiological and anatomical response of plants to water – hydrophytes, xerophytes, halophytes and epiphytes Phytogeography: Biogeographical regions of India, vegetation types of India	Lecture	15		
3.	Community ecology: Community characteristics -frequency, density, life forms, biological spectrum Ecosystem: structure -biotic and abiotic components, food chain, food web, ecological Pyramids, energy flow, biogeochemical cycles-nitrogen and phosphorus.	Lecture	15		

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2021-2022

Class: B.Sc. II

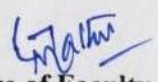
Department of Botany


Paper No.: X (III Sem.)

Name of Faculty: Dr. G. M. RATHOD

Paper Name: Plant Ecology (Practical)

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Study of morphological and anatomical adaptations in hydrophytes – <i>Hydrilla</i> , <i>Eichhornia</i> , <i>Typha</i> and <i>Nymphaea</i> .	Demonstration	06		
2.	Study of morphological and anatomical adaptations in xerophytes - <i>Aloe</i> , <i>Nerium</i> , <i>Casuarina</i> .	Demonstration	03		
3.	Study of morphological adaptations in halophytes -Pneumatophores, Stilt roots	Demonstration	03		
4.	Study of morphological and anatomical adaptations in epiphytes	Demonstration	03		
5	Study of vegetation by quadrat method	Demonstration	06		
6	Estimation of Importance Value Index (IVI) of grassland ecosystem on the basis of relative frequency, relative density and relative abundance.	Demonstration	06		
7	Determination of water holding capacity of different soils	Demonstration	03		
8	Study of meteorological instruments -Rain gauge, Hygrometer, Barometer Estimation of salinity of different water samples	Demonstration	03		
9	Determination of percent leaf area injury of different infected leaf samples	Demonstration	06		
10	Determination of pH of different soils by pH papers/universal indicator/pH meter.	Demonstration	06		


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Tq.Omerga Dist.Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2021-2022

Class: B.Sc. II

Department of Botany
Paper No.: IV (II Sem.)

Name of Faculty: Dr. G. M. RATHOD
Paper Name: Diversity of Cryptogams - II

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Bryophytes: 1.1 General characters of bryophytes, classification as per G. M. Smith; Systematic position, occurrence, thallus structure (external and internal), reproduction-vegetative, asexual, and sexual (excluding developmental stages), graphic life cycle and alternation of generations of the following types: a) Hepaticopsida – <i>Marchantia</i> b) Bryopsida – <i>Funaria</i>	Lecture	15		
2.	Pteridophytes: General characters of Pteridophytes, classification as per G. M. Smith; Systematic position, occurrence, external and internal structure of sporophyte and gametophyte, reproduction (excluding developmental stages), graphic life cycle and alternation of generations of the following types: a) Psilopsida – <i>Psilotum</i> b) Lycopsida – <i>Lycopodium</i> , <i>Selaginella</i> c) Sphenopsida – <i>Equisetum</i> d) Pteropsida – <i>Marsilea</i>	Lecture	30		

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Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2021-2022

Class: B.A. / B.Sc. / M.A. / M.Sc.

Department of Botany
Paper No.: VI (II Sem.)

Name of Faculty: Dr. G. M. RATHOD
Paper Name: Diversity of Cryptogams-II (Practical)

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Bryophytes: i. <i>Marchantia</i>	Demonstration	7		
2.	Bryophytes: ii. <i>Funaria</i>	Demonstration	8		
3.	Pteridophytes: i. <i>Psilotum</i>	Demonstration	6		
4.	Pteridophytes: ii. <i>Lycopodium</i>	Demonstration	6		
5	Pteridophytes: iii. <i>Selaginella</i>	Demonstration	6		
6	Pteridophytes: iv. <i>Equisetum</i>	Demonstration	6		
7	Pteridophytes: v. <i>Marsilea</i>	Demonstration	6		

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Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2021-2022

Class: B.A. / B.Sc. / M.A. / M.Sc.

Name of Faculty: Dr. G. M. RATHOD

Department of Botany

Paper No.: XII (IV Sem.)

Paper Name: Plant Physiology

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	A) Diffusion, osmosis, Plasmolysis and imbibition. b) Water absorption and ascent of sap (Transpiration pull theory) c) Transpiration – Definition, types-cuticular, lenticular and stomatal, structure of stomata, mechanism of opening and closing of stomata(starch – sugar hypothesis).a) Macro and microelements: roles and deficiency symptoms of N, P,K, Mg, Ca, Fe, Zn, Bo, Mo, b) Mineral uptake – passive (ion exchange theory) and active (carrier concept) Translocation of solutes: Mass flow hypothesis, protoplasmic streaming theory, Source and sink relationship	Lecture	15		
2.	Enzymes: Chemical nature holoenzyme, apoenzyme, prosthetic group, cofactor and coenzyme, properties, nomenclature, classification based on type of reactions, mechanism of enzyme action. Growth: Definition, Phases of Growth, Sigmoid growth curve. Growth regulators: Discovery, structure, roles and practical applications of Auxins, Gibberellins, Cytokinins, Abscisic acid and Ethylene	Lecture	15		
3.	Photosynthesis: Definition, ultra structure of chloroplast, photosynthetic pigments, Light reactions -Hill reaction, red drop and Emerson enhancement effect, two pigment systems (PS I, PS II), Photophosphorylation – cyclic and Non-cyclic, Z-scheme; Dark reactions -C3, C4 and CAM pathways Respiration: Definition, Ultra structure of mitochondria, types of respiration, Glycolysis, TCA Cycle, Electron transport system, alcoholic and lactic acid fermentation.	Lecture	15		

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2021-2022

Class: B.A. / B.Sc. / M.A. / M.Sc.

Department of **Botany**
Paper No.: **XIV (IV Sem.)**

Name of Faculty: **Dr. G. M. RATHOD**
Paper Name: **Plant Physiology (Pract.)**

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Osmosis by egg membrane and potato osmoscope; Plasmolysis in <i>Tradescantia</i> leave	Demonstration	03		
2.	Effect of different conc. of organic solvents on membrane permeability	Demonstration	03		
3.	Determination of water potential of any tuber Detection of mineral elements in plant ash	Demonstration	06		
4.	Digestion of starch by amylase Detection of enzyme activity : oxidase, peroxidase, catalase and dehydrogenase	Demonstration	06		
5.	Separation of chloroplast pigments by paper chromatography Separation of amino acids by paper chromatography	Demonstration	06		
6.	Effect of different intensities of light on photosynthesis Effect of different colours of light on photosynthesis	Demonstration	06		
7.	Fermentation by Kuhne's fermentation vessel	Demonstration	03		
8.	Isolation of starch Isolation of pectin	Demonstration	03		
9.	Estimation of total and reducing sugars in fruit juice by Fehling solution Effect of IAA and Gibberellins on seed germination	Demonstration	09		

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Tq. Omarga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

180 Days Academic Calendar

Faculty of : Science

Academic Year- 2021-22

Department of Botany

Name of Faculty: Dr. D. P. Chavan

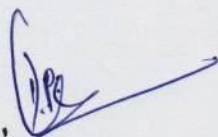
Term	Month	Working days	Theory periods		Practical periods			Total periods
			II	III	I	II	III	
	October	22	11	11	03	12	04	79
	November	16	08	08	03	07	03	55
	December	26	13	13	04	14	05	95
	January	24	12	12	04	11	04	81
	February	6	03	03	01	03	01	21
Total 1		94	47	47	15	47	17	331
	March	25	13	12	04	12	05	88
	April	23	12	11	04	12	03	80
	May	24	12	12	04	12	04	84
	June	26	13	13	04	13	05	92
Total 2		98	50	48	16	49	17	344
Total 1+2		192	97	95	31	96	34	675

Total working days = 192

Total theory periods = 192

Total practical periods = 483

Signature of Faculty



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Tq. Omurga Dist. Osmanabad



SHRI KRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-22)

Class: B.Sc. Second Year.

Department of Botany

Paper No.: Paper –VII (III Sem.)

Name of Faculty: Dr. D. P. Chavan

Paper Name: Taxonomy of Angiosperms

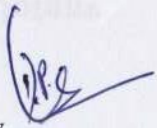
Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	1. Salient features, origin and evolution of Angiosperms (03) 2. Systems of classification- Introduction to Natural, Artificial & Phylogenetic (01) 3. Bentham and Hooker's system of classification upto series level, its merits and demerits (02) 4. Taxonomy in relation to anatomy, embryology, palynology, ecology and cytology (05) 5. Concept of Binomial Nomenclature and its advantages (02) 6. Concept of genus, species and epithet. (02) 7. Herbaria and Botanical Gardens. (05)	Lecture	20	04,05,06/10/2021 11/10/2021 12,13/10/2021 18,20,25,26,27/10/2021 1,2/11/2021 3,8/11/2021 9,10,15,16,17/11/2021	
2.	Study of the following families: systematic position , (25) salient features, floral formula, floral diagram, common examples and their economic importance i. Annonaceae ii. Malvaceae iii. Leguminosae Fabaceae (Papilionaceae) Caesalpiniaceae Mimosaaceae iv. Apocynaceae v. Solanaceae vi. Acanthaceae vii. Lamiaceae (Labiatae) viii. Nyctaginaceae ix. Liliaceae x Poaceae (Gramineae)	Lecture	25	17,22/11/2021 23,24/11/2021 29/11 to 13/12/2021 14,15/12/2021 20,21/12/2021 22,27/12/2021 28,29/12/2021 3,4/01/2022 5,10/01/2022 11,12,17/01/2022	

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Teaching –Plan Academic Year (2021-22)Class: **B.Sc. S.Y.**Department of **Botany**Name of Faculty: **Dr. D. P. Chavan**Paper No.: **Paper - IX (III Sem.)**Paper Name: (Taxonomy of Angiosperms) (**Practical**)

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of ate / Month/ Year	Remarks
1.	Study of locally available plants of the following families : 1. Annonaceae 2. Malvaceae 3. Leguminosae a) Fabaceae (Papilionaceae) b) Caesalpiniaceae c) Mimosaceae 4. Apocynaceae 5. Solanaceae 6. Acanthaceae 7. Lamiaceae (Labiatae) 8. Nyctaginaceae 9. Liliaceae 10. Poaceae (Gramineae)	Demonstration	45	4,6,8/10/2021 11,13/10/2021 18,20,22/10/2021 25,27,29/10/2021 1,3/11/2021 8,10,12/11/2021 15,17/11/2021 22,24,26/11/2021 29/11/21 to 1,3/12/21 6,8,10/12/2021 13,15,17/12/2021 20,22,24/12/2021 & 27,29,31/12/2021	

Signature of Faculty



Principal

Teaching –Plan Academic Year (2021-22)

Class: B.Sc. S.Y.

Department of **Botany**

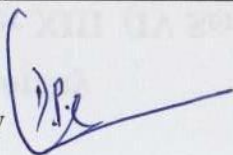
Name of Faculty: **Dr. D. P. Chavan**

Paper No.: **Paper - XI (IV Sem.)**

Paper Name: **Gymnosperms and Utilization of Plants**

Chap. No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	<p>Gymnosperms:</p> <p>1. Salient features, classification as per Sporne 1965, economic importance (02)</p> <p>2. Geol. time scale, fossilization, types of fossils, Lyginopteris, fossil fuels (04)</p> <p>3. Contributions of Prof. Birbal Sahani (01)</p> <p>4. Study of morphology, anatomy, reproduction (excluding developmental stages) and graphical representation of life cycle of the following types:</p> <p>a) Cycadales – Cycas (05)</p> <p>b) Coniferales – Pinus (06)</p> <p>c) Gnetales – Gnetum (05)</p>	Lecture	23	<p>2,3/3/2022</p> <p>7,8,9,14/03/2022</p> <p>15/03/2022</p> <p>16,21,22,23,28/03/22</p> <p>29,30 to 4,11,12,13/4/21</p> <p>18,19,20,25,26/4/21</p>	
2.	<p>Utilization of Plants:</p> <p>1. Domestication of plants and their centres of origin (02)</p> <p>2. History, origin, cultivation, harvesting, improved varieties and economic importance of the following plants: (15)</p> <p>i. Food plants – Wheat, Jowar ii) Sugar – Sugarcane</p> <p>ii. Fibers -Cotton, Jute Vegetable oils – Groundnut, Sunflower</p> <p>iii. Beverages – Tea, Coffee</p> <p>3. Botanical name, family and economic importance of the following plants (5)</p> <p>i. Medicinal plants – Aloe vera, Withania somnifera, Curcuma longa, Vitex negundo</p> <p>ii. Timber and Gum – Teak, Neem, Babul, Sisham</p> <p>iii. Cosmetics and Perfumes – Rose, Mogara, Tuberose</p> <p>iv. Spices – Clove, Black pepper, Cumin, Coriander, Cinnamon</p>	Lecture	22	<p>27/4 to 2/5/21</p> <p>4/5 to 8/6/2022</p> <p>13,14,15,20,21/6/2022</p>	

Signature of Faculty



Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad

Teaching –Plan Academic Year (2021-22)

Class: **B.Sc. S.Y.**

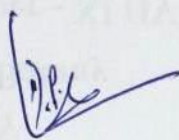
Department of **Botany**

Name of Faculty: **Dr. D.P. Chavan**

Paper No.: **Paper XIII (IV Sem.)**

Paper Name: **Gymnosperms and Utilization of plants (Pract.)**

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Gymnosperms: a) Cycas i. Habit, young leaf, bulbils, male cone, microsporophyll, megasporophyll, pollen grains, mature seed. ii. Study through permanent slides-Normal root (T.S.). Stem (T.S.), Ovule (L.S.) iii. Study through hand section-Coralloid root (T.S.), Rachis (T.S.), Leaflet (T.S.) b) Pinus i. Habit, long and dwarf shoot, scale leaves, foliage leaves, male cone, female cone, pollengrains (W.M.), winged seed. ii. Study through hand sections and permanent slides Root (T.S.), Stem (T.S.), Needle (T.S.) iii. Study through permanent slide - T.L.S. & R.L.S. of stem, L.S. of male cone, L.S. of female cone Palaeobotany: a) Types of fossils (Specimens) b) Lygynopteris (Specimen / Permanent slide) c) Gnetum Habit, T.S.Stem, Male and Female cone	Demonstration		7,9,11/03/2022 14,16/03/2022 21,23,25/03/2022 28,30/03/22 and 1/4/22 4,6,8/04/2022 11,13/04/2022 18,20,23/4/2022	
2.	Palaeobotany: a) Types of fossils (Specimens) b) Lygynopteris (Specimen / Permanent slide)	Demonstration		25,27,29/4/2022	
3.	Utilization of plants : a) Food plants – Study of the morphology, structure, and histochemical tests of food storing tissue in Jowar & Wheat b) Histochemical test of lignin and cellulose c) Vegetable oils – hand section of Groundnut & Sunflower Seed and staining of oil droplets by Sudan III d) Study of the sources of Timber, Gum, Medicinal plants, Cosmotics and Perfumes e) Study of Black pepper, Clove, Cinnamon, Cumin, Coriander f) Field notebook, specimen collection, and tour report.	Demonstration		2,4,6/5/2022 9,11,13/5/2022 18,20/5/2022 23,25,27/5/2022 30/5/22 to 1,3/6/22 6,8,10/6/2022	



Tching –Plan Academic Year (2021-22)

Class: B.Sc. T.Y.

Department of **Botany**

Paper No. **Paper XVIII(A) Sem V**

Name of Faculty: **Dr. D. P. Chavan**

Paper Name: **Diversity of Angiosperms-I**

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	<p>1. Biodiversity (03) Definition, concept, origin and evolution</p> <p>2. Types of biodiversity: (05) Species, genetic, ecological, cropland and agricultural diversity; biodiversity in India; endemism and hot spots; threatened species, threats to biodiversity</p> <p>3. Conservation of biodiversity: (07) Major causes for loss of biodiversity, listing of threatened biodiversity; threatened categories – extinct, endangered, vulnerable, rare and indeterminate. Conservation measures: – ex-situ, and in-situ; biodiversity conservation in India.</p>	Lecture	15	1,7,8/10/2021 9,14,16,21,22/10/2021 23,28,29,30/10/2021 6,11,12/11/2022	
2.	<p>Phytotaxonomy: (08) Classification of Angiosperms with special reference to Linnaeus, A. P. de Candole, Bentham and Hooker.</p>	Lecture	8	13,18,20,25,26,27/11 to 2,3/12/2021	
3.	<p>Study of diversity following families with reference to the system of classification of Bentham and Hooker (22)</p> <p>1. Magnoliaceae 4,9/12 2. Nymphaeaceae 10,11/12 3. Papveraceae 16,17/12 4. Brassicaceae 18,23/12 5. Capparidaceae 24,30/12 6. Rutaceae 31/12, 1/1/22 7. Rhamnaceae 6,7/1/22 8. Combretaceae 8,13/1/22 9. Lythraceae 14,15/1/22 10. Cucurbitaceae 20,21/1/22 11. Apiaceae 22,27/1/22</p>	Lecture	22		

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Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad

Teaching –Plan Academic Year (2021-22)

Class: **B.Sc. T. Y.**

Department of **Botany**
Paper No. **XX (A) Sem (V)**

Name of Faculty: **Dr. D. P. Chavan**
Paper Name: **(Diversity of Angiosperms-I) (Practical)**

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	1. Study of herbarium 2. Study of analytical characters 3. Preparation of indented and bracketed keys 4. Study of following families: 1. Magnoliaceae 2. Nymphaeaceae 3. Papaveraceae 4. Brassicaceae 5. Capparidaceae 6. Rutaceae, 7. Rhamnaceae 8. Combretaceae 9. Lythraceae 10. Cucurbitaceae 11. Apiaceae, 5. Mounting of pollen grains (acetolysis method)	Demonstration		7/10/2021 14/10/2021 21/10/2021 28/10/2021 11/11/2021 18/11/2021 25/11/2021 02/12/2021 09/12/2021 16/12/2021 23/12/2021 30/12/2021 6/1/2022 13/1/2022 20,27/1/2022	

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Tq. Omega Dist. Solapur

Teaching –Plan Academic Year (2021-22)

Class: **B.Sc. T. Y.**

Department of **Botany**

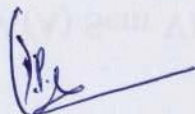
Paper No.: **Paper XXII (A) Sem VI**

Name of Faculty: **Dr. D. P. Chavan**

Paper Name: **(Diversity of Angiosperms-II)**

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Unit: 1 Plant identification: keys, herbaria and botanical gardens (04) Origin of angiosperms: origin and evolution, Bennettitalean, Ranalian and Caytonial theory (05) Binomial nomenclature: Principles and rules (03) Modern trends in taxonomy: (03) Cytotaxonomy, chemotaxonomy, and numerical taxonomy	Lecture	15	3,4,5,10/3/2022 11,12,17,19,24/3/2022 25,26,31/3/2022 1,7,8/4/2022	
2.	Unit.2 1. Phytotaxonomy: (10) Study of Engler & Prantle, Hutchinson, Takhtajan system of classification 2. Study of diversity of families: (20) a. Asclepiadaceae b. Scrophulariaceae c. Oleaceae d. Convolvulaceae e. Verbenaceae f. Amaranthaceae g. Euphorbiaceae h. Orchidaceae i. Liliaceae j. Commelinaceae	Lecture	30	9/4 to 6/5/2022 7,12/5/2022 13,14/5/2022 19,20/5/2022 21,26/5/2022 27,28/5/2022 2,3/06/2022 4,9/06/2022 10,11/06/2022 16,17/06/2022 18,23/06/2022	

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Tq. Omerga Dist. Osmanabad

Teaching –Plan Academic Year (2021-22)

Class: **B.Sc.T. Y.**

Department of **Botany**

Paper No.: **Paper XXIV (A) Sem VI**

Name of Faculty: **Dr. D. P. Chavan**

Paper Name: **(Diversity of Angiosperms-II) (Practical)**

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	<p>Study of following families:</p> <ol style="list-style-type: none"> 1. Oleaceae 2. Asclepiadaceae 3. Convolvulaceae 4. Scrophulariaceae 5. Verbenaceae 6. Amaranthaceae 7. Euphorbiaceae 8. Orchidaceae 9. Liliaceae 10. Commelinaceae <ol style="list-style-type: none"> 2. Mounting of pollen grains (acetolysis method) and measurement of pollen size. 3. Study of different types of stomata and epidermal structures (Trichome) 4. Identification of plants up to species by using flora (Flora of Bombay Presidency/ Flora of Marathwada) 5. Students should undertake excursion to ecologically different areas for plant study and submission of at least 10 wild plants at the time of examination. 	Demonstration		10/03/2022 17/03/2022 24/03/2022 31/03/2022 7/4/2022 21/4/2022 28/4/2022 5/5/2022 12/5/2022 19/5/2022 26/5/2022 2/6/2022 9/6/2022 16/6/2022	

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 Tq. Omerga Dist. ad

B.Sc. I Paper - III (Practical)

<p>1.</p>	<p>1. Study of simple and compound microscope 2. Virus: Tobacco Mosaic Virus 3. Gram staining in bacteria, forms of Bacteria 4. Algae: a) <i>Nostoc</i> b) <i>Chara</i> c) <i>Botrydium</i> d) <i>Sargassum</i> e) <i>Batrachospermum</i> 5. Fungi: a) <i>Albugo</i> b) <i>Mucor</i>, c) <i>Eurotium</i> d) <i>Agaricus</i> e) <i>Cercospora</i> 6. Lichens: Form - Crustose, Foliose, Fruticose; <i>Usnea</i>. Morphology of Angiosperms. 1. Study of root and its modifications: a) Tap root b) Adventitious root c) Storage roots d) Stilt root e) Respiratory root. 2. Study of stem and its modifications: a) Underground stem b) Sub aerial stem c) Aerial stem 3. Study of leaf and its diversity: a) Types of leaf (Simple, Compound) b) Shape and size c) Venation d) Phyllotaxy e) Modifications 4. Study of inflorescence: a) Racemose b) Cymose c) Special</p>	<p>Demonstration</p>		<p>2/11/2021 9/11/2021 16/11/2021 23/11/2021 30/11/2021 7/12/2021 14/12/2021 21/12/2021 28/12/2021 4/1/2022 11/1/2022</p>	
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<p>a) Typical flower (<i>Hibiscus</i> / <i>Datura</i>) b) Hypogynous, Perigynous and Epigynous c) Aestivation d) Forms of corolla – cruciform, papilionaceous, infundibuliform and bilabiate e) Parts of typical stamen, adhesion and cohesion. f) Parts of typical carpel and placentation</p>			18/1/2022	
<p>6. Study of flowers with respect to pollination mechanism:</p>				
<p>a) <i>Calotropis</i></p>			25/1/2022	
<p>b) <i>Ocimum</i></p>				
<p>c) <i>Salvia</i></p>				
<p>d) <i>Helianthus</i></p>			1/2/2022	
<p>e) <i>Ficus</i></p>				
<p>f) <i>Clitoria</i></p>				
<p>7. Study of fruits:</p>				
<p>a) Simple: legume, capsule, caryopsis, achene, drupe, berry.</p>			1/2/2022	
<p>b) Aggregate: an etaerio of berries, an etaerio of follicles.</p>				
<p>c) Composite fruit: sorosis, syconus.</p>				
<p>a) Bryophytes:</p>				
<p>i. <i>Marchantia</i></p>			8/3/2022	
<p>ii. <i>Funaria</i></p>			15/3/2022	
<p>b) Pteridophytes:</p>				
<p>i. <i>Psilotum</i></p>			22/3/2022	
<p>ii. <i>Lycopodium</i></p>			29/3/2022	
<p>iii. <i>Selaginella</i></p>			5/4/2022	
<p>iv. <i>Equisetum</i></p>			12/4/2022	
<p>v <i>Marsilea</i></p>			19/4/2022	
<p>Histology, Anatomy and Embryology</p>				
<p>Histology:</p>				
<p>1. Meristem: root apex and shoot apex</p>			26/4/2022	
<p>2. Permanent tissues – simple, complex and secretory</p>			10/5/2022	
<p>3. Epidermal tissues: trichomes and stomata</p>			17/5/2022	
<p>Anatomy:</p>				
<p>1. Anatomy of young dicot (Sunflower) and monocot (Maize) root. (Double stained permanent slide preparation)</p>			24/5/2022	
<p>2. Anatomy of young dicot (Sunflower) and monocot (Maize) stem. (Double stained permanent slide preparation)</p>			31/5/2022	
<p>3. Anatomy of dicot (Sunflower) and monocot (Maize) leaf. (Double stained permanent slide preparation)</p>			7/6/2022	

Embryology:

1. Study of T.S. of anther
2. Structure of ovule (anatropous), types of ovules
3. Study of Dicot and Monocot seed (embryo)

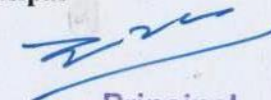
14/6/2022

21/6/2022

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Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

180 Days Academic Calendar

Faculty of Arts/Science /Management Science Academic Year- 2021- 2022

Department of Botany

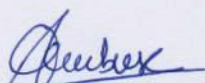
Name of Faculty: Dr. M. G. Ambuse

Term	Month	Working days	Theory periods			Practical periods			Total periods
			I	II	III	I	II	III	
First Term	October	22	11	00	11	11	00	12	69
	November	16	08	00	08	09	00	09	54
	December	26	13	00	13	12	00	12	72
	January	24	12	00	12	12	00	12	72
	February	06	03	00	03	02	00	03	15
Total 1		94	47	00	47	46	00	48	282
Second Term	March	25	13	00	12	12	00	08	60
	April	23	11	00	12	12	00	10	66
	May	24	12	00	12	12	00	14	78
	June	26	13	00	13	08	00	12	60
Total 2		98	49	00	49	44	00	44	264
Total 1+2		192	96		96	90		92	546

Total working days = 192

Total theory periods = 192

Total practical periods = 360


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Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

Class: B.A. / B.Sc. / M.A. / M.Sc. / Management Science

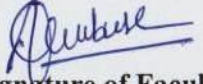
Department of Botany

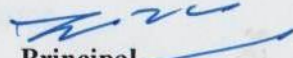
Name of Faculty: Dr. M. G. Ambuse

Paper No.: Bot-102, Paper –II(I Sem.)

Paper Name: Morphology of Angiosperms

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	1.1- Basic body plan of flowering plant, modular type of growth, diversity of plant forms – Herbs, Shrubs, Trees, Climbers; annuals, biennials and perennials.	Lecture	02		
	1.2 Morphology of vegetative organs: a)Root: Characteristics, functions, regions of root, types – tap and adventitious, modification of root for storage, mechanical support (stilt root) and vital functions (Pneumatophores).	Lecture	04		
	b)Stem: Characteristics, functions, modification – underground, sub aerial and aerial	Lecture	03		
	c)Leaf: Parts of typical leaf, phyllotaxy, types (simple and compound), diversity in shape and size, venation and modifications of leaf.	Lecture	06		
2.	Morphology of reproductive organs: 2.1 Inflorescence: Racemose, cymose and special types	Lecture	05		
	2.2 Flower: Definition, parts of typical flower, forms of thalamus, androphore, Gynophores, gynandrophore, insertion of floral whorls on thalamus (hypogyny, perigyny and epigyny),	Lecture	15		
	Structure, function and modification of calyx, corolla, androecium, gynoecium, aestivation and placentation.	Lecture	06		
	2.3 Fruit: Types of fruits 2.4 Fruit and Seed dispersal strategies.	Lecture	04		


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Class: B.A. / B.Sc. / M.A. / M.Sc. / Management Science

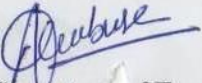
Department of Botany

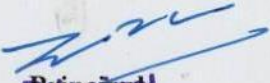
Paper No.: Bot. Paper –III (I Sem.)

Name of Faculty: Dr. M. G. Ambuse

Paper Name: III (Practical)

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Study of simple and compound microscope.	Demonstration	03		
2.	Virus : Tobacco Mosaic Virus	Demonstration	03		
3.	Gram staining in bacteria, forms of Bacteria	Demonstration	03		
4	Algae:(a) Nostoc (b) Chara (c) Botrydium (d) Sargassum (e) Batrachospermum	Demonstration	03		
5	Study of flowers with respect to pollination mechanism- Calotropis, Ocimum, Salvia, Helianthus, Ficus, Clitoria	Demonstration	03		
6	Study of fruits- Simple: legume, capsule, caryopsis, achene, drupe, berry. Aggregate: an etaerio of berries, an etaerio of follicles. Composite fruit: sorosis, syconus.	Demonstration	03		


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

Class: B.A. / B.Sc. / M.A. / M.Sc. / Management Science

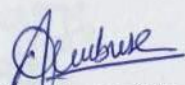
Department of Botany


Name of Faculty: Dr. M. G. Ambuse

Paper No.: Bot. Paper –III (I Sem.)

Paper Name: III (Practical)

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Study of root and its modifications- Tap root, Adventitious root, Storage root, Stilt root, Respiratory root	Demonstration	03		
2.	Study of stem and its modifications- Underground stem, Sub aerial stem, Aerial stem	Demonstration	03		
3.	Study of leaf and its diversity- Types of leaf (Simple Compound), Shape and size, Venation, Phyllotaxy, Modifications	Demonstration	03		
4	Study of inflorescence- Racemose, Cymose, Special Study of flower- Typical flower (Hibiscus/Datura), Hypogynous, Perigynous, Epigynous, Aestivation, Forms of Corolla- cruciform, papilionaceous, infundibuliform and bilabiate, Parts of typical stamen, adhesion and cohesion, Parts of typical carpel and placentation	Demonstration	03		
5	Study of flowers with respect to pollination mechanism- Calotropis, Ocimum, Salvia, Helianthus, Ficus, Clitoria	Demonstration	03		
6	Study of fruits- Simple: legume, capsule, caryopsis, achene, drupe, berry. Aggregate: an etaerio of berries, an etaerio of follicles. Composite fruit: sorosis, syconus.	Demonstration	03		


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Tq.Omerga Dist.Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

Class: B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Department of Botany

Name of Faculty: Dr. M. G. Ambuse

Paper No.: Botany, Paper –V (II Sem.)

Paper Name: Histology, Anatomy and Embryology

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Types of tissue: i. Meristematic tissue – Meristem, structure and types based on origin and position.	Lecture	03		
	ii. Permanent tissues: Simple, Complex and Secretary	Lecture	06		
	iii. Epidermal tissues: Trichomes and Stomata b) Histological organization of root and shoot apices c) Various theories of cellular organization	Lecture	06		
2.	Anatomy: a) Primary structure of root, stem and leaf of Monocot (Maize) and Dicot (Sunflower)	Lecture	07		
	b) Secondary growth in root and stem of Dicot (Sunflower) c) Wood anatomy: Growth rings, heart wood and sap wood d) Periderm: Origin, structure and functions.	Lecture	08		
3.	Embryology: a) Structure of anther, microsporogenesis and development of male gametophyte	Lecture	03		
	b) Structure and types of ovule, megasporogenesis and development of female gametophyte (Polygonum type). c) Pollination -Mechanism, types and agencies.	Lecture	06		
	d) Double fertilization and its significance e) Development of Dicot embryo (Crucifer type). f) Structure, development and types of endosperm. g) Structure of dicot and monocot seed	Lecture	06		

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

Class: B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Department of Botany

Name of Faculty: Dr. M. G. Ambuse

Paper No.: Botany, Paper –VI (II Sem.)

Paper Name: Histology, Anatomy and Embryology (Practical)

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of ate / Month/ Year	Remarks
1.	Meristem: root apex and shoot apex	Demonstration	03		
2.	Permanent tissues – simple, complex and secretory	Demonstration	03		
3.	Epidermal tissues: Trichomes and stomata	Demonstration	03		
4.	Anatomy of young dicot (Sunflower) and monocot (Maize) root. (Double stained permanent slide preparation)	Demonstration	03		
5.	Anatomy of young dicot (Sunflower) and monocot (Maize) stem. (Double stained permanent slide preparation)	Demonstration	03		
6.	Anatomy of dicot (Sunflower) and monocot (Maize) leaf. (Double stained permanent slide preparation)	Demonstration	03		
7.	Study of T.S. of anther	Demonstration	03		
8.	Structure of ovule (anatropous), types of ovules	Demonstration	03		
9.	Study of Dicot and Monocot seed (embryo)	Demonstration	03		

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Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

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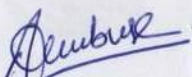
Department of **Botany**

Name of Faculty: **Dr. M. G.Ambuse**

Paper No.: **Botany, Paper –VI (II Sem.)**

Paper Name: **Diversity of Cryptogams (Practical)**

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of ate / Month/ Year	Remarks
1.	(a) Bryophytes :	Demonstration	02		
2.	i) <i>Marchantia</i>	Demonstration	02		
3.	ii) <i>Furcaria</i>	Demonstration	02		
4.	b) Pteridophytes	Demonstration	03		
5.	i) <i>Psilotum</i>	Demonstration	03		
6.	ii) <i>Lycopodium</i>	Demonstration	03		
7.	iii) <i>Selaginella</i>	Demonstration	03		
8.	iv) <i>Equisetum</i>	Demonstration	03		
9.	v) <i>Marsilea</i>	Demonstration	03		


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

Class: B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Department of Botany

Name of Faculty: Dr. M. G. Ambuse

Paper No.: Botany, Paper –XV (V Sem.)

Paper Name: Cell Biology and Molecular Biology

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	1. Cell: Structure of Prokaryotic cell (Bacterial cell) and Eukaryotic cell (plant cell) 2. Cell wall and cell organelles: Structure and functions of cell wall and Cell organelles – Golgi complex, Endoplasmic reticulum, lysosomes 3. Nucleus: Ultra structure, (nuclear membrane, nucleolus, chromatin material, nucleoplasm), Functions of nucleus.	Lecture	15		
2.	1. Cell division: a) Cell cycle -G1 phase, S phase, G2 phase and M phase b) Mitosis – definition, process and significance. c) Meiosis-definition, process and significance. 2. Nucleic acids: a. DNA: Definition, structure, chemical composition (nitrogenous bases, purines, pyrimidines, nucleosides, nucleotides, phosphate and sugars) Watson and Crick's model, Z - DNA, B - DNA, functions of DNA b. Replications of DNA – conservative, semi conservative and dispersive. c. RNA: Structure, types and functions	Lecture	15		
3.	1. Chromosome: Definition, morphology-size, shape, number, Ultra structure – chromatid, chromonema, chromomere, centromere, kinetochore, secondary constriction, satellite, telomere, heterochromatin, euchromatin, Nucleosome model (Woodlock 1973), chemical composition, Functions of chromosome, Giant chromosomes-polytene and lampbrush chromosome. 2) Chromosomal aberrations : a) Structural-deletion, duplication, inversion and translocation b) Numerical: – euploidy and aneuploidy	Lecture	15		

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

Class: B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Department of Botany Name of Faculty: **Dr. M. G. AMBUSE**

Paper No.: **Botany, Paper –XVII (V Sem.)** Paper Name: **Cell Biology and Molecular Biology(Practical)**

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Study of the cell structure from onion leaf or <i>Tradescantia</i> leaf	Demonstration	03		
2.	Preparation of cytological (AA, FAA etc.) fixatives and stains (Acetocarmine, aceto-orcein).	Demonstration	03		
3.	Study of electron micrographs of viruses, bacteria and cyanobacteria	Demonstration	03		
4.	Study of electron micrographs of eukaryotic cell and different cell organelles	Demonstration	06		
5.	Preparation of slides for the study of mitosis (root tips of onion)	Demonstration	06		
6.	Preparation of slides for the study of meiosis (<i>Rhoeo</i> , <i>Aloe</i> or onion flower buds)	Demonstration	06		
7.	Preparation of idiogram from the given micrograph of karyotype	Demonstration	06		
8.	Observation of giant chromosomes in <i>Chironomus</i> larvae	Demonstration	06		
9.	Preparation of wool models of mitosis, meiosis, cell structure, Chromosome, DNA and RNA.	Demonstration	06		

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Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

Class: B.A. / B.Sc. / M.A. / M.Sc. / Management Science

Department of Botany

Name of Faculty: Dr. M. G. Ambuse

Paper No.: Botany, Paper –XIX (VI Sem.)

Paper Name: Genetics and Biotechnology

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Mendelism: i.Introduction -G.J. Mendel ii. Mendelian principles –Law of Dominance, law of segregation, law of independent assortment, back cross and test cross 2. Interaction of genes: i.Allelic interaction: incomplete dominance, co dominance, lethal genes and blood group inheritanceii. Non allelic and non epistatic -comb shapes in fowls iii. Non allelic and epistatic: a) Complementary genes or duplicate recessive epistasis (9:7)b) Supplementary genes or recessive epistasis (9:3:4) c) Dominant epistatic genes or dominant epistasis (12:3:1) d) Duplicate genes or duplicate dominant epistasis (15:1) 3. Sex determination: i. Chromosomal theory of sex determination ii. Mechanism of sex determination in man (xx -xy), Drosophila (xx and xy), birds (zz-zw), grasshopper (xx-xo) and genic balance theory in Drosophila iii. Sex determination in plants – <i>Melandrium</i>	Lecture	15		
2.	Sex linked inheritance: X, XY and Y linked inheritance: i) Colourblindness and hemophilia in man ii) Holandric genes iii) White eye colour in Drosophila, iv) Gynandromorphs, 2. Structure and function of gene: i. Fine structure of gene (Seymour Benzer) ii. One gene one enzyme hypothesis iii. Genes and related diseases – phenylketonuria, and alkaptonuriaiv. Detection of genetic diseases – amniocentesis Genetic counselling	Lecture	15		
3.	Biotechnology: 1. Concept of genetic engineering and recombinant DNA technology 2. Restriction endonucleases, their properties and uses 3. Cloning vectors -plasmids and phage vectors 4. Techniques of genetic engineering - isolation of desired gene, gene cloning, transfer of gene into plants 5. Applications of genetic engineering	Lecture	15		

Signature of Faculty

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

Class: B.A. / B.Sc. / M.A. / M.Sc. / Management Science

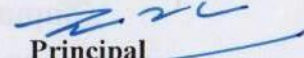
Department of Botany

Name of Faculty: **Dr. M.G. Ambuse**

Paper No.: Botany, Paper –XXI (VI Sem.) Paper Name: (Practical) Genetics and Biotechnology

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Quiz	Demonstration	03		
2.	Working out laws of inheritance by using seed mixtures	Demonstration	06		
3.	Problems based on gene interaction	Demonstration	18		
4.	Problems based on sex linked inheritance	Demonstration	18		


Signature of Faculty


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SHRIKIRSHNA MAHAVIDYALAYA, GUNJOTI

Teaching days Calendar for 180 days

Department : **PHYSICS**

Academic year **2021-2022**


Name of the Faculty Member : **Dr.S.M.Patange**

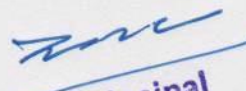
Term	Month	Working Days	Theory Periods			Practical Periods	Total Periods
			I	II	III		
First Term	Oct	22	11	11	11	33	66
	Nov	16	08	08	08	24	48
	Dec	26	13	13	13	39	78
	Jan	24	12	12	12	36	72
	Feb	06	03	03	03	09	18
	Total I	94	47	47	47	141	282
Second Terms	First Term Examination 08Feb to 28Feb2022.						
	March	25	12	12	13	39	76
	April	23	11	11	12	36	70
	May	24	12	12	12	36	72
	June	26	13	13	13	39	78
	Total II	98	48	48	50	150	296
	Total I+II	192	95	95	97	291	578

Total Teaching days **192**

Total Theory Periods **287**

Total Practical Periods **291**


Signature of Faculty Member.


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

SKMG / 1000 / 2014-15

Department of **Physics**

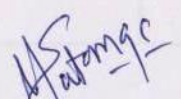
Paper No.: **Phy-101, Paper –I (I Sem.)**

Class: B.A. / **B.Sc. I** / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. S.M.Patange**

Paper Name: **Mechanics, Properties of Matter & Sound**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Mechanics : Compound Pendulum- expression of time period, Interchangeability of centre of suspension and oscillation, Kater's Pendulum. Newton's law of Gravitation (Statement only), Gravitational Field , Gravitational Potential, Gravitational Potential of mass, Gravitational potential and field due to spherical shell and solid sphere (at a point, outside, inside and on the surface).	Lecture/Online	13	1Oct. to 30Oct 2021	
2.	Elasticity Introduction , Moduli of Elasticity (Elastic constants), Twisting couple on a cylinder, Bending of Beam – Bending moment, cantilever loaded at free end – (a) When weight of beam is ineffective, (b) When weight of beam is effective, Depression of Beam loaded at centre	Lecture/Online	10	11Nov to 3Dec 2021	


Signature of Faculty Member


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

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Department of **Physics**

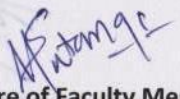
Paper No.: **Phy-101, Paper –I (I Sem.)**

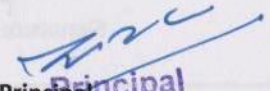
Class: B.A. / B.Sc. I/ M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. S.M.Patange**

Paper Name: **Mechanics, Properties of Matter & Sound**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
3.	Viscosity and Surface Tension: Viscosity - Introduction, energy of liquid in motion, Bernoulli's Theorem, practical applications: (i) Law of hydrostatic pressure (ii) Filter pump, Poiseuille's formula. Surface Tension- Introduction, Difference of pressure across a curved surface, Determination of S.T. by Jaeger's method	Lecture/Online	12	4Dec to 1Jan 2022	
4.	Ultrasonic and Acoustics : Ultrasonic- Piezo – electric effect, Piezo – electric Generator, Magnetostriction effect, Magnetostriction oscillator, Applications of ultrasonic– Depth of sea, Chemical effects, Medical applications. Acoustics- Reverberation, Acoustical demands of an auditorium, Sabine's Law – Derivation of Reverberation time, conditions of good acoustical designs of room..	Lecture/Online	10	6Jan to 4Feb 2022	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

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Department of **Physics**

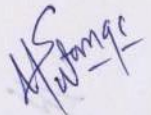
Paper No.: **IV Phy-104 (II Sem.)**

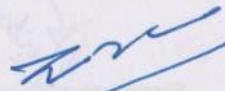
Class: **B.A. / B.Sc. I/ M.A. / M.Sc. / Management Science**

Name of Faculty Member: **Dr. S.M.Patange**

Paper Name: **Geometrical and Physical Optics**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Geometrical Optics and Optical Instruments: Cardinal points of optical system – Focal points, Principal points, Nodal points and corresponding planes, coaxial lens system - equivalent focal length and cardinal points. Huygens's Eyepiece, Ramsden's eyepiece and their cardinal points,.	Lecture/Online	12	3March to 31 March 2022	
2.	Interference : Interference in thin film due to reflected and transmitted light, wedge shaped thin film, Newton's rings by reflected light, determination of wavelength, Michelson's Interferometer, type of fringes, determination of wavelength and difference in wavelength.	Lecture/Online	10	1 April to 29 April 2022	


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Department of **Physics**

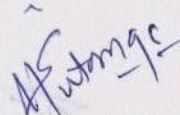
Paper No.: **IV Phy-104 (II Sem.)**

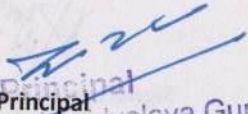
Class: B.A. / **B.Sc.I** / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. S.M.Patange**

Paper Name: **Geometrical and Physical Optics**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
3.	Diffraction : Introduction, Diffraction at a thin wire , Fraunhofer diffraction at double slit (Interference and diffraction maxima, minima), Plane Transmission diffraction grating, Determination of wavelength (Normal incidence), Resolving power of optical instruments (Rayleigh's criterion), R. P. of prism and grating.	Lecture/Online	13	30April to 28 May 2022	
4.	Polarization: Introduction, Malus law, Double refraction, Huygens's theory of double refraction in uniaxial crystal, Nicol prism. Optical activity, Fresnel's theory of optical rotation, specific Rotation, Laurentz's half – shade polarimeter, Determination of specific rotation of sugar solution.	Lecture/Online	10	2 June to 23 June 2022	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

SKMG / 1000 / 2014-15

Department of Physics

Paper No.: **Phy-201, Paper –VII (III Sem.)**

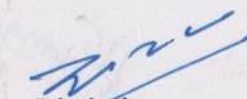
Class: B.A. / **B.Sc.II** / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. S.M.Patange**

Paper Name: **Mathematical, Statistical Physics & Relativity**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Differentiation and ordinary differential equation : Limit of function, partial differentiation, successive differentiation, total differentiation, exact differentiation, chain rule. Ordinary differential equation, order and degree of differential eq., Solution of first order differential equations, solution of second order linear differential equations with constant coefficient.(1) Homogeneous (2) Inhomogeneous, special case of exponential right hand to find PI.	Lecture/Online	15	1 Oct to 13 Nov 2021	
2.	Statistical basis and classical statistics: Introduction, probability, principle of equal a priori probability and frequency, some basis rules of probability theory, permutation and combination, macrostate and microstate, phase space, Thermo-dynamical probability, division of compartment into cell, Maxwell-Boltzmann's distribution law, evaluation of constants $e^{-\alpha}$ and β , M.B. distribution function for ideal gas, M.B. speed distribution law.	Lecture/Online	12	18Nov 16 Dec 2021	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

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Department of **Physics**

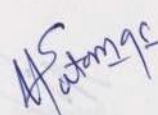
Paper No.: **Phy-301, Paper –VII (III Sem.)**

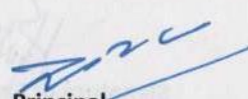
Class: B.A. / **B.Sc.II** / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. S.M.Patange**

Paper Name **Mathematical , Statistical Physics& Relativity**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
3.	Quantum Statics : Need of quantum statistics, Bose-Einstein distribution law, Planck radiation law, Fermi-Dirac distribution law, electron gas, Fermi level and Fermi energy, Fermi energy for electron in a metal, Comparison of three statics, difference between classical and quantum statistics.	Lecture/Online	10	17 Dec to 13 Jan 2022	
4.	Theory of relativity : Introduction, frame of reference, Galilen transformation equations, Michelson Morley experiment Special theory of relativity, Lorentz transformation equation, length contraction, time dilation, addition of velocities, variation of mass energy equivalence.	Lecture/Online	08	15 Jan to 3Feb 2022	


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Teaching –Plan Academic Year (2021-2022)

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Department of **Physics**

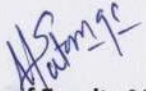
Paper No.: **Phy-205, Paper –XI (IV Sem.)**

Class: B.A. / **B.Sc.II** / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. S.M.Patange**

Paper Name: **General Electronic**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Semiconductor : Introduction, construction, working and characteristic of semiconductor diode, Zener diode, Zener diode characteristics, Transistor (PNP and NPN), transistors characteristics (CC, CB and CC), construction, working and characteristics of FET and MOSFET.	Lecture /Online	08	3March to 19 March 2022	
2.	Transistor Biasing and Amplifier : Transistor basing, selection of operating point, bias stability, transistor biasing circuits- fixed bias or base bias, collector feedback bias, emitter feedback bias or self bias, single stage transistor amplifier, frequency response of RC coupled amplifier, Noise in amplifier, feedback in amplifier, Op- amp characteristics, inverting & non inverting amplifier, Op-amp as an adder and subtractor.	Lecture /Online	15	24 March to 30 April5 2022	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

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Department of **Physics**

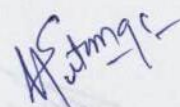
Paper No.: **Phy-401, Paper –XI (IV Sem.)**

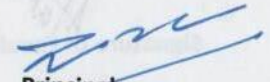
Class: B.A. / **B.Sc.II** / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. S.M.Patange**

Paper Name: **General Electronic**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
3.	Oscillators and Multivibrators : Two port network representation of transistor, Hybrid parameters of h- parameter, positive feedback, Basic principle of oscillators, requirements of feedback, RC oscillator (Phase shift oscillator), LC oscillator (Hartley oscillator) Transistorised, astable multivibrator, monostable multivibrator, bistable multivibrator.	Lecture /Online	15	5 May to 28 May 2022	
4.	Modulation and demodulation : Modulation, amplitude modulation, modulation index, frequency modulation, phase modulation, demodulation, advantages of frequency modulation over amplitude modulation.	Lecture /Online	07	2 June to 16 June 2022	


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Teaching –Plan Academic Year (2021-2022)

SKMG / 1000 / 2014-15

Department of Physics

Paper No.: Phy-203 & 204, Paper –IX & X (III Sem.)

Class: B.A. / B.Sc.II / M.A. / M.Sc. / Management Science

Name of Faculty Member: Dr. S.M.Patange

Paper Name: Practical (Mon & Tue)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	h by photo cell	Demonstration	09	11 to 18 Oct 2021	
2.	e / m by Thomson tube	Demonstration	06	25,26 Oct.2021	
3.	Determination of BH and BV by earth's Inductor	Demonstration	06	15,16 Nov 2021	
4.	Measurement of low resistance using Potentiometer.	Demonstration	06	22,23 Nov 2021	
5.	Determination of A.C. mains using Sonometer.	Demonstration	06	29,30 Nov 2021	
6.	To study specific rotation by Laurent half shade Polarimeter	Demonstration	06	6,7 Dec2021	
7.	Cauchy's constant by using spectrometer.	Demonstration	06	13,14 Dec 2021	
8.	Comparison of capacities by Desauty method	Demonstration	06	20,21 Dec 2021	
9	Velocity of sound using Helmholtz resonator	Demonstration	06	27,28 Dec 2021	
10.	R.P. Telescope	Demonstration	06	3,4 Jan 2022	
11.	Wave length by Newton's ring	Demonstration	06	10,11 Jan 2022	
12.	Thermal conductivity of rubber tube.	Demonstration	06	17,18 Jan 2022	
13	Study of temperature dependence of total radiation	Demonstration	06	24,25 ,31 Jan 2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

SKMG / 1000 / 2014-15

Department of Physics

Paper No.: **Phy-207 & 208, Paper –XIII & XIV (IV Sem.)**

Class: B.A. / **B.Sc.II** / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. S.M.Patange**

Paper Name: **Practical (Mon & Tue)**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Energy band gap of semiconductor using thermister.	Demonstration	09	7,8,14 March 2022	
2.	I-V Characteristics of solar cell.	Demonstration	06	15,21 March 2022	
3.	Calibration of bridge wire using carry foster bridge.	Demonstration	09	28,29 March ,4April	
4.	Determination of absolute capacity of condenser using B.G.	Demonstration	09	5,11,12 April 2022	
5.	Full wave rectifier with μ filter	Demonstration	06	18,19 April 2022	
6.	Viscosity of liquid using Searle's Viscometer	Demonstration	09	25,26 April, 2 May	
7.	Viscosity of liquid by Oscillating disc method	Demonstration	09	9,10,17 May 2022	
8.	Transistor characteristics in CE configuration.	Demonstration	06	23,24 May 2022	
9.	Transistor characteristics in CB configuration	Demonstration	06	30,31 May 2022	
10.	Study of CE amplifier	Demonstration	06	6,7 June 2022	
11.	Hartley Oscillator using transistor.	Demonstration	06	13,14 June 2022	
12.	Wien bridge oscillator using transistor.	Demonstration	06	20,21 June 2022	
13	JFET characteristics (rp, gm and μ)	Demonstration	06	27,28 June 2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

SKMG / 1000 / 2014-15

Class: B.A. / B.Sc.III / M.A. / M.Sc. / Management Science

Department of Physics

Name of Faculty Member: **Dr. S.M.Patange**

Paper No.: **Phy-501, Paper –XV (V Sem.)**

Paper Name: **Classical and Quantum Mechanics**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Classical Mechanics: Mechanics of Particle, Mechanics of system of particles Constraints, Classification of Constraints, Virtual Work, D'Alembert's principle, Lagrange's equation, Simple application of Lagrangian formulation –Simple Pendulum, Particle in space, Linear Harmonic Oscillator, Atwood's Machine	Lecture/Online	11	4 to 27Oct. 2021	
2.	Origin of Quantum Theory: Introduction, Failure of Classical mechanics, Black body Radiation (Distribution of Energy), Plank's Quantum theory- Plank's Quantum postulates, linear momentum of photon in terms of wave vector, Plank's radiation law-Wein's law and Rayleigh's law, Einstein's equation: Quantum theory of photoelectric effect, Quantum effect.	Lecture/Online	12	15 Nov to 8Dec 2021	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

SKMG / 1000 / 2014-15

Department of **Physics**

Paper No.: **Phy-601, Paper –XIX (VI Sem.)**

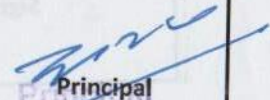
Class: B.A. / **B.Sc.III** / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. S.M.Patange**

Paper Name: **Atomic, Molecular Physics and Laser.**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Atomic Model: Introduction, Thomson atom model, the Rutherford nuclear atom model, drawbacks of Rutherford atomic model, the Bohr's atom model, Bohr's theory of origin of spectral lines, diagrammatic representation of the series spectrum of the H-atom in the light of Bohr's theory.	Lecture/Online	10	2 to 23 March 2022	
2.	Vector Atom Model: Introduction-vector atom model, Quantum numbers associated with the vector atom model, L-S coupling, j-j coupling, The Pauli's exclusion principle, Selection rules, Intensity Rules, Interval Rule, Normal Zeeman effect, Anomalous Zeeman effect, Stark effect and its experimental study.	Lecture/Online	10	28March to 18 April 2022	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

SKMG / 1000 / 2014-15

Department of Physics

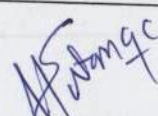
Paper No.: **Phy-601, Paper –XIX (VI Sem.)**

Class: B.A. / **B.Sc.III** / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. S.M.Patange**

Paper Name: **Atomic, Molecular Physics and Laser.**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
3.	Molecular spectra: Introduction, origin of pure rotational spectrum of a molecule, origin of vibration-rotation spectrum of a molecule, Rayleigh's law of scattering, Raman effect-Discovery, experimental study, Applications of Raman effect molecular structure, Nature of liquids, Crystal Physics, Nuclear Physics, Chemical effects.	Lecture/Online	15	19 April to 24 May 2022	
4.	LASER: Introduction, induced absorption, spontaneous emission, stimulated emission, population inversion, properties of laser beam, laser pumping, Types of laser-Ruby laser, He-Ne laser, carbon dioxide (CO ₂) laser, Applications of laser-Biological, medical and industrial.	Lecture/Online	10	25 May to 15 June 2022	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

SKMG / 1000 / 2014-15

Department of Physics

Paper No.: **Phy-203 & 207, Paper –IX & XIII (III & IV Sem.)**

Class: B.A. / **B.Sc.II** / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. S.M.Patange**

Paper Name: **Practical (Wed)**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	h by photo cell	Demonstration	06	13,20 Oct. 2021	
2.	e / m by Thomson tube	Demonstration	06	27 Oct, 17 Nov 2021	
3.	Determination of BH and BV by earth's Inductor	Demonstration	06	24 Nov, 1 Dec 2021	
4.	Measurement of low resistance using Potentiometer.	Demonstration	06	8,15 Dec 2021	
5.	Determination of A.C. mains using Sonometer.	Demonstration	06	22,29 Dec 2021	
6.	To study specific rotation by Laurent half shade Polarimeter	Demonstration	06	5,12 Jan 2022	
7.	Cauchy's constant by using spectrometer.	Demonstration	06	19 Jan ,2 Feb 2022	
8	Energy band gap of semiconductor using thermistor.	Demonstration	06	9,16 March 2022	
9	I-V Characteristics of solar cell.	Demonstration	06	23,30 March 2022	
10	Calibration of bridge wire using carry foster bridge.	Demonstration	06	6,13 March 2022	
11	Determination of absolute capacity of condenser using B.G.	Demonstration	06	20,27 March 2022	
12	Full wave rectifier with μ filter	Demonstration	06	4,11April 2022	
13	Viscosity of liquid using Searle's Viscometer	Demonstration	06	18,25 April 2022	
14	Viscosity of liquid by Oscillating disc method	Demonstration	06	1,8 June 2022	

Signature of Faculty Member

Principal

Principal
Shrikrishna Mahavidyalaya Gunjoti
Tq:Omarga Dist.Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar For 180 Days

Faculty of Science

Academic Year: (2021-22)

Department of Physics

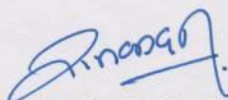
Name of Faculty Member: Dr. R. H. Kadam

Term	Month	Teaching Days	Theory Periods	Practical Periods	Total Periods
First Term	October	22	33	36	69
	November	16	24	21	45
	December	26	39	39	78
	January	24	34	33	67
	February	06	09	09	18
Total 1		94	139	138	277
Second Term	March	25	38	33	71
	April	25	35	36	71
	May	24	36	36	72
	June	26	39	39	78
Total 2		100	148	144	292
Total 1 + 2		194	287	282	569

Total Working days = 265

Total Theory Periods = 287

Total Practical Periods = 282


Dr. R. H. Kadam



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021-2022)

SKMG / 1000 / 2021-22

Class: B.A. / B.Sc. I / M.A. / M.Sc. / Management Science

Department of Physics

Name of Faculty Member: **Dr. R. H. Kadam**

Paper No.: **Phy-102, Paper -II (I Sem.)**

Paper Name: **Heat and Thermodynamics**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
01	Thermal conductivity: Transfer of heat, coefficient of thermal conductivity, Rectilinear flow of heat along a metal bar, methods of radial flow of heat, (i) spherical shell method and (ii) flow of heat along the wall of a cylindrical tube, comparison of conductivities of different metals.	Lecture/Online	10	04.10.2021 to 27.10.2021	
02	Real Gas and Transport Phenomena: Real Gas: Introduction, Reason for modification of gas equation, Van der Waals equation of state, comparison with experimental curves, critical constants, constant of Van der Waals equation. Transport phenomena: Introduction, mean free path, sphere of influence, and expression for mean free path, variation of mean free path with temperature and pressure, transport phenomena, viscosity, thermal conductivity (their interrelationship, dependence on temperature and pressure)	Lecture/Online	12	15.11.2021 to 08.12.2021	
03	Thermodynamics: Adiabatic process, adiabatic equation of perfect gas, isothermal process, indicator diagram, work done during isothermal process and adiabatic process, reversible and irreversible process, second law of thermodynamics (Kelvin and Clausius statement), heat engines, Carnot's ideal heat engine, Carnot's cycle (work done and efficiency)	Lecture/Online	12	13.12.2021 to 05.01.2022	
04	Entropy and thermodynamic relations: General notation of entropy, change of entropy is independent of path, change of entropy in reversible and irreversible process, formulation of second law in terms of entropy, Maxwell's thermodynamical relations, Applications of Maxwell's relations i) Clausius - Clapeyron equation, ii) T-ds equation.	Lecture/Online	11	10.01.2022 to 07.02.2022	


Signature of Faculty Member


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021-2022)

SKMG / 1000 / 2021-22

Department of Physics

Paper No.: **Phy-105, Paper -V (II Sem.)**

Class: B.A. / **B.Sc. I** / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. R. H. Kadam**

Paper Name: **Electricity and Magnetism**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
01	Vector algebra: Dot and cross product (revision), scalar triple product and its geometrical interpretation, vector triple product, gradient of scalar and its physical interpretation, divergence and curl of vector function and their physical interpretation, line, surface and volume integrals, Gauss's divergence theorem and Stoke's theorem.	Lecture/Online	12	02.03.2022 to 30.03.2022	
02	Electrostatics: Coulomb's law, electric field, field due to point charge, flux of electric field, gauss's law (with proof), differential form of Gauss law, electrical potential, potential due to a point charge, potential and field due to electric dipole. Dielectrics, polarization of dielectric, Gauss's law in dielectrics, Relation between D, E, and P.	Lecture/Online	13	04.04.2022 to 27.04.2022	
03	Magnetostatics: Magnetic field, magnetic induction, magnetic flux, Biot and Savart law, magnetic induction due to straight conductor carrying current, magnetic induction on the axis of solenoid, Ampere's law, differential form of Ampere's law, moving coil ballistic Galvanometer - expression for charge.	Lecture/Online	10	02.05.2022 to 25.05.2022	
04	Transient Currents: Growth and decay of current in a circuit containing L and R, charge and discharge of a capacitor through resistor, Growth and decay of charge in LCR circuit.	Lecture/Online	10	30.05.2022 to 22.06.2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching -Plan Academic Year (2021-2022)

SKMG / 1000 / 2021-22

Department of **Physics**

Paper No.: **Phy-103-106, Paper -III+VI (I+II Sem.)**

Class: B.A. / **B.Sc. I** / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. R. H. Kadam**

Paper Name: **Practical Papers**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
01	Acceleration due to gravity	Demonstration	06	06-13.10.2021	
02	Y by bending	Demonstration	06	20-27.10.2021	
03	Y by Cantilever	Demonstration	06	17-24.11.2021	
04	M.I. by Bifilar suspension	Demonstration	06	1-15.12.2021	
05	S. T. By Jaeger's Method	Demonstration	06	22-29.12.2021	
06	Coefficient of Viscosity by Poisseuille's method	Demonstration	06	5-19.01.2022	
07	Y by Searl's apparatus	Demonstration	06	2-16.03.2022	
08	M. I. By fly wheel	Demonstration	06	23-30.03.2022	
09	Thermal conductivity of bad conductor	Demonstration	06	6-13.04.2022	
10	Field along the axis of circular coil	Demonstration	06	20-27.04.2022	
11	Calibration of spectrometer	Demonstration	06	11-25.05.2022	
12	Dispersive power of prism	Demonstration	06	8-22.06.2022	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021-2022)

SKMG / 1000 / 2021-22

Department of Physics

Paper No.: **Phy-202, Paper -VIII (III Sem.)**

Class: B.A. / **B.Sc. II** / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. R. H. Kadam**

Paper Name: **Modern and Nuclear Physics**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
01	Photoelectric Effect: Introduction, lenard's method to determine e/m for photoelectronics, Richardson and Compton experiment, Relation between photo-electric current and retarding potential, Relation between velocity of photo-electrons and frequency of light, photoelectric cells - (1) Photo-emissive cell (2) Photo-voltaic cell, (3) Photo-conductive cell, Applications of photoelectric cells.	Lecture/Online	15	04.10.2021 to 22.11.2021	
02	X-rays: Introduction, The absorption of X-rays, Laue's experiment, Bragg's law, Bragg's spectrometer, powder crystal method, Laue method, X-ray spectra, Main features of continuous X-ray spectrum, characteristic X-ray spectrum.	Lecture/Online	10	23.11.2021 to 14.12.2021	
03	Nuclear forces and models: Introduction, Binding energy, nuclear stability, nuclear forces, meson theory of nuclear forces, liquid drop model, shell model, energy released in Fission, chain reaction, atom bomb, nuclear reactors, nuclear fusion, sources of stellar energy.	Lecture/Online	12	15.12.2021 to 11.01.2022	
04	Particle Accelerators and Detectors: Linear accelerator, Cyclotron, synchrocyclotron, betatron, ionization chamber, proportional counter, Geiger - Muller counter.	Lecture/Online	08	12.01.2022 to 07.02.2022	

Signature of Faculty Member

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching -Plan Academic Year (2021-2022)

SKMG / 1000 / 2021-22

Department of **Physics**

Paper No.: **Phy-206, Paper -XII (IV Sem.)**

Class: B.A. / **B.Sc. II** / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. R. H. Kadam**

Paper Name: **Solid State Physics**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
01	Crystal Structure: Introduction, Crystal lattice – plane lattice, space lattice, translation vectors, Unit cell, (primitive, non primitive Wigner – Sietz primitive cell) Basis, symmetry operations, point groups and space groups, type of lattices (two dimensional and three dimensional lattice), lattice directions and planes, Miller indices, inter planner spacing, simple crystal structure.	Lecture/Online	12	02.03.2022 to 29.03.2022	
02	Bonding and Band theory of solids: Introduction, concept of inter-atomic forces, cohesive energy and types of bonding, primary bonds – (ionic bonds, covalent bond, metallic bond), secondary bonds, (Vander Walls bonds and hydrogen bonds). The Kroning Penney model, Energy versus wave vector relationship, different representations (Brillouin zones)	Lecture/Online	12	30.03.2022 to 26.04.2022	
03	Thermal properties of solids: Classical theory of lattice heat capacity (Concept and comparison with experimental values), Einstein's theory of lattice heat capacity, Debye's model of lattice heat capacity, density of modes, limitations of Debye's model.	Lecture/Online	11	27.04.2022 to 25.05.2022	
04	Free electron theory of metals and transport properties: Drude – Lorentz classical theory, electrical conductivity, thermal conductivity, Widemann Franz law, significance of Fermi energy level, Hall effect, Hall voltage and Hall coefficient, importance of Hall effect.	Lecture/Online	10	30.05.2022 to 21.06.2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching -Plan Academic Year (2021-2022)

SKMG / 1000 / 2021-22

Department of Physics

Paper No.: Phy-302, Paper -XVI (V Sem.)

Class: B.A. / B.Sc. III / M.A. / M.Sc. / Management Science

Name of Faculty Member: Dr. R. H. Kadam

Paper Name: Electrodynamics

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
01	Electrostatics: Introduction, electric field lines, electric flux and Gauss law, the divergence of E, Curl of E, Applications of Gauss law: i) Electric field due to uniform charged sphere, ii) electric field due to charged cylinder, Gaussian pillbox, Poisson's equation, Laplace's equation, uniqueness theorem (First and second).	Lecture/Online	12	01.10.2021 to 11.11.2021	
02	Time varying field: Faraday's law of electromagnetic induction, Lenz's law, self induction, mutual induction, equation of continuity, Maxwell's displacement current, Maxwell's equation (derivation, differential form)	Lecture/Online	10	12.11.2021 to 04.12.2021	
03	Electromagnetic waves: Origin of electromagnetic waves, characteristics of electromagnetic wave, electromagnetic wave equations in a conducting medium, transverse nature of electromagnetic wave, plane polarized electromagnetic wave, the pointing vector, pointing theorem, polarization of electromagnetic waves.	Lecture/Online	13	09.12.2021 to 08.01.2022	
04	Interaction of electromagnetic waves with matter: Boundary condition for the electromagnetic field vector - B, E, D and H at the interface between the two media, reflection and refraction at the boundary of two non conducting media.	Lecture/Online	10	13.01.2022 to 05.02.2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching - Plan Academic Year (2021-2022)

SKMG / 1000 / 2021-22

Department of Physics

Paper No.: Phy-306, Paper -XX (VI Sem.)

Class: B.A. / B.Sc. III / M.A. / M.Sc. / Management Science

Name of Faculty Member: Dr. R. H. Kadam

Paper Name: Non-conventional energy sources

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month / Year	Remarks
01	Non-Conventional energy sources: Introduction, Biomass, wind energy, tidal energy/ocean energy, geothermal energy, biogas, hydro energy, wind energy, solar energy, Biogas plant - fixed dome type. Wind energy: introduction to wind energy, terms and definitions: wind, wind farm, wind turbine, vertical axis wind turbine (VAWT), horizontal axis wind turbine (HAWT), propeller (wheel), wind mill, types of wind turbine generator units, monoblade HAWT, twin blade HAWT, merits and limitations of wind energy.	Lecture/Online	12	03.03.2022 to 31.03.2022	
02	Solar photovoltaic system: Introduction to photovoltaic system, solar cell fundamentals: i) Semiconductor, ii) P-N junction, iii) Generation of electron - hole pair by photon absorption, iv) I-V characteristics of solar cell. Electrical storage: Lead acid battery, basic battery theory	Lecture/Online	10	01.04.2022 to 30.04.2022	
03	Introduction to optical fiber: Introduction, importance of optical fiber, classification of optical fiber-stepped index fiber, stepped index monomode fiber, disadvantages of monomode fiber, plastic fiber, latest developed types of optical fibers-HPSUV, HPSIR, Halide, Tapered.	Lecture/Online	10	05.05.2022 to 28.05.2022	
04	Fiber cables and fabrication: Fiber fabrication: Classification of fiber fabrication techniques, external chemical vapour deposition (External CVD), axial vapour deposition (AVD) internal chemical vapour deposition (internal CVD). Fiber Cables: Construction, strength members, cable testing loading, minimum bend radius losses incurred during installation of cables or during subscriber service testing cable, selection criteria, optical cable fiber laying in telephone.	Lecture/Online	13	02.06.2022 to 30.06.2022	

Signature of Faculty Member

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Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching -Plan Academic Year (2021-2022)

SKMG / 1000 / 2021-22

Department of Physics

Paper No.: **Phy-303+304, Paper -XVII + XVIII (V Sem.)**

Class: B.A. / B.Sc. III / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. R. H. Kadam**

Paper Name: **Practical's**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
01	Focal length of given convex lens by LASER	Demonstration	06	01-09.10.2021	
02	Diffraction of Grating by LASER beam	Demonstration	06	16-23.10.2021	
03	e- by Millikan's oil drop method	Demonstration	06	29-30.10.2021	
04	Refractive index of Optical Fiber	Demonstration	06	12-20.11.2021	
05	Constant of B.G. by standard Condenser method	Demonstration	06	26-27.11.2021	
06	Study of absorption spectra of iodine.	Demonstration	06	3-10.12.2021	
07	Beam divergence of diode LASER	Demonstration	06	11-18.12.2021	
08	Determination of the diameter of a thin wire using LASER	Demonstration	06	24-31.12.2021	
09	Determination of wavelength of He-Ne Laser by using Grating	Demonstration	06	1-8.01.2022	
10	Y by Koenig's method	Demonstration	06	15-22.01.2022	
11	Edser A pattern	Demonstration	06	29-29.01.2022	
12	e/m by Thomson method by Excel	Demonstration	06	04-05.02.2022	

Signature of Faculty Member

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Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omega Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching -Plan Academic Year (2021-2022)

SKMG / 1000 / 2021-22

Department of **Physics**

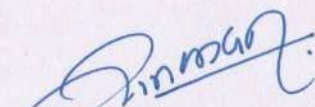
Paper No.: **Phy-307+308, Paper -XXI + XXII (VI Sem.)**

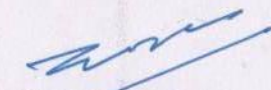
Class: B.A. / **B.Sc. III** / M.A. / M.Sc. / Management Science

Name of Faculty Member: **Dr. R. H. Kadam**

Paper Name: **Practical's**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month / Year	Remarks
01	Thermal conductivity by Forb's method	Demonstration	06	4-11.03.2022	
02	Rydberg Constant	Demonstration	06	12-26.03.2022	
03	B-H Curve by using magnetometer	Demonstration	06	01-09.04.2022	
04	Determination of dielectric constant of liquid / solid	Demonstration	06	16-23.04.2022	
05	I-H curve by Excel	Demonstration	06	29-30.04.2022	
06	Rydberg constant by Excel	Demonstration	06	6-7.05.2022	
07	Temperature coefficient of resistance of semiconductor	Demonstration	06	13-14.05.2022	
08	Temperature of sodium flame	Demonstration	06	20-21.05.2022	
09	Hartsmann dispersion formula	Demonstration	06	27-28.05.2022	
10	Maxwell's bridge	Demonstration	06	3-4.06.2022	
11	λ by grating	Demonstration	06	10-11.06.2022	
12	Bridge rectifier	Demonstration	06	17-24.06.2022	


Signature of Faculty Member


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SHRIKIRSHNA MAHAVIDYALAYA, GUNJOTI

Teaching days Calendar for 180 days

Department : **Zoology**

Academic year **2021-22**

Name of the Faculty Member : **Dr.D.M.Pathan**

Term	Month	Working Days	Theory Periods		Practical Periods		Total Periods
			I	III	I	III	
First Term	October	22	11	11	12	36	70
	November	16	08	08	09	27	52
	December	26	13	13	09	42	77
	January	24	12	12	15	36	75
	February	06	03	03	03	09	18
	Total I	94	47	47	48	150	292
Second Terms	March	25	13	12	12	42	79
	April	23	12	11	12	33	68
	May	24	12	12	12	36	72
	June	26	13	13	12	42	80
	Total II	98	50	48	48	153	299
	Total I+II	192	97	95	96	303	591

Total Teaching days **192**

Total Theory Periods **192**

Total Practical Periods **399**

Signature of Faculty Member

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2021-22)

SKMG / 1000 / 2017-18

Class: **B.Sc. I**

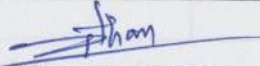
Department of **Zoology**

Name of Faculty: **Dr. D.M.Pathan**

Paper No.: **II** (Semester I)

Paper Name: **Cell Biology**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	General structure of cell. Ultra structure of eukaryotic cell, prokaryotic cell, Cell Cycle, Mitosis, Meiosis	Lecture/Online	12	4 Oct to 15 Nov 2021	
2.	Organization of cell A) Study of Various cell organelles Plasma Membrane: - Structure and function. Endoplasmic reticulum: - Structure and function. Golgi Bodies: - Structure and function Mitochondria: - Morphology, Ultra-Structure, function and biogenesis. Nucleus: - Structure and function. DNA Structure. Types of RNA Lysosome: - Structure, function and polymorphism Ribosome: - Structure and function B) Cytology of Cancer, Types of Cancer	Lecture/Online	20	16 Nov to 29 Dec 2021	
3.	Methods in Cell Biology (in brief) A) Light Microscope Phase contrast microscope Electron microscope B) Micro techniques, (Microtomy) Fixation & Staining	Lecture/Online	13	3 Jan to 1 Feb 2022	


Signature of Faculty Member


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-22)

SKMG / 1000 / 2018-2019

Class: B.Sc. I

Department of **Zoology**

Name of Faculty: Dr. D.M.Pathan

Paper No.: **IV (Semester II)**

Paper Name: Arthropoda to Echinodermata And Protochordata

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Arthropoda: - General characters Prawn: - Structure, Digestive, Nervous, & Reproductive systems. Cockroach: External Characters, Digestive, Respiratory and Reproductive systems	Lecture/Online	15	2 March to 5 April 2022	
2.	Mollusca: - General characters Pila: - External Characters, Respiratory, Circulatory, Nervous and Reproductive systems	Lecture/Online	06	6 to 19 April 2022	
3	Echinodermata : - General characters Asterias (Sea Star): - Morphology of oral & aboral view, Water vascular system, Reproductive system including development	Lecture/Online	10	20 April to 17 May 2022	
4.	General characters and Classification of Protochordata Amphioxus: - External features, Digestive, Circulatory, Reproductive systems including development. Hemichordata: - General characters and affinities Herdmania: - General characters and morphology	Lecture/Online	14	18 May 20 June 2022	

Signature of Faculty Member

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-22)

SKMG / 1000 / 2018-2019

Class: B.Sc. I

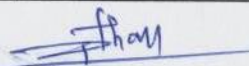
Department of Zoology


Name of Faculty Member: Dr. D.M.Pathan

Paper No.: III (Semester I)

Paper Name: PROTOZOA TO ANNELIDA & CELL BIOLOGY (PRACTICAL)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Days	Duration of Date / Month/ Year	Remarks
1.	Study of slides from Ciliates, Opalيناتes, and Flagellates	Demonstration	01	9 Oct 2021	
2.	Study of museum specimen and slides from Porifera to Annelida.	Demonstration	02	16,23 Oct 2021	
3.	Dissection: Dissection of Leech for Digestive, Excretory & Reproductive systems. Dissection of Earthworm for Nervous System & Reproductive system	Demonstration	05	30 Oct to 4 Dec 2021	
4.	Mounting of any five of the following. Sponge spicules, Gemmule, Obelia colony, Jaws of Leech. Spermatica, testes nerve ring of Earthworm, Parapodia of Nereis.	Demonstration	01	11 Dec 2021	
5.	Study of cell organelles by using Models, Charts, Slides & Electron micrographs.	Demonstration	01	18 Dec 2021	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-22)

SKMG / 1000 / 2018-2019

Class: **B.Sc. I**

Department of **Zoology**

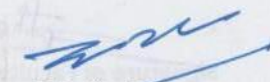
Name of Faculty Member: **Dr. D.M.Pathan**

Paper No.: **III (Semester I)**

Paper Name: **PROTOZOA TO ANNELIDA & CELL BIOLOGY (PRACTICAL)**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Days	Duration of Date / Month/ Year	Remarks
6.	Squash preparation of Onion root tip to study Mitosis.	Demonstration	01	1 Jan 2022	
7.	Preparation of polytene chromosome in chironomous larva/fruit flies.	Demonstration	01	8Jan 2022	
8.	Microtechnique: - Fixation, dehydration, Block preparation, Microtomy and Staining of Rat tissue.	Demonstration	02	15,22 Jan 2022	
9.	Study of Microscopy: - Simple, Compound, & Phase Contrast Microscope	Demonstration	01	29 Jan 2022	


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Tq.Omerga Dist.Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-22)

SKMG / 1000 / 2018-2019

Class: B.Sc.I

Department of **Zoology**

Name of Faculty Member: **Dr. D.M.Pathan**

Paper No.: **VI** (Semester II) Paper Name: **ARTHROPODA TO ECHINODERMATA AND PROTOCHORDATA & CELL BIOLOGY (PRACTICAL)**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Days	Duration of Date / Month/ Year	Remarks
1.	Study of museum specimen & slides of relevant Invertebrates & Protochordata. (At least 3 from each phylum).	Demonstration	03	5,12,19 March 2022	
2.	Dissections: Dissection of Prawn for Nervous system Dissection of Cockroach for Digestive and Nervous Systems. Dissection of Pila for Nervous system. Dissection of Sea Star for Water Vascular System.	Demonstration	05	26 March to 30 April 2022	
3.	Mounting of any five of the following. Mouthparts of Cockroach, Mosquito, House fly, Bed bug and Honeybee. Salivary glands of cockroach. Redula of Pila, Pedicillaria of Star fish.	Demonstration	01	7 May 2022	
4.	Culture of Drosophila- experimental organism in genetics Observation of common mutants of drosophila	Demonstration	01	14 May 2022	
5.	Determination of human blood groups A, B, AB, and O, Rh factor.	Demonstration	01	21 May 2022	
6.	Major and minor problems in genetics	Demonstration	04	28 May to 18 June 2022	


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Teaching –Plan Academic Year (2021-22)

SKMG / 1000 / 2018-2019

Class: B.Sc.III

Department of **Zoology**


Name of Faculty Member: **Dr. D.M.Pathan**

Paper No.: **XVI (Semester V)**

Paper Name: **Fishery Science I**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Introduction Definition and history, General characters and classification Concept of blue revolution, Importance of fishes.	Lecture/Online	05	1 to 16 Oct 2021	
2.	Freshwater fisheries Status of freshwater fisheries, past, present and future Freshwater capture fisheries, cat fishes, rout. Effect of aquatic pollution on fisheries	Lecture/Online	10	21 Oct to 18 Nov 2021	
3.	Revering and reservoir fisheries. Major river systems of India Important fisheries of Indian rivers system Major reservoirs of Maharashtra Reservoir fisheries and its management. Exploitation of reservoir fisheries	Lecture/Online	10	20Nov to 11 Dec 2021	


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Teaching –Plan Academic Year (2021-22)

SKMG / 1000 / 2018-2019

Class: B.Sc.III

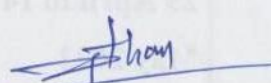
Department of **Zoology**

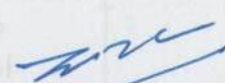
Name of Faculty Member: **Dr. D.M.Pathan**

Paper No.: **XVI (Semester V)**

Paper Name: **Fishery Science I**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
4.	Brackish water fisheries Principle fisheries of brackish water, milkfish, mullet, tilapia. Fisheries of the chilka, pulicat and Kolleru Lake	Lecture/Online	08	16 Dec to 1 Jan 2022	
5.	Marine water fisheries. Oil-sardine Mackeal Ribbon fish fisheries. Bombay-duck Pomfret-fishery	Lecture/Online	08	6 to 22 Jan 2022	
6.	Application of remote sensing technique in pelagic fisheries	Lecture/Online	04	27 Jan to 3 Feb 2022	


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Class: B.Sc.III

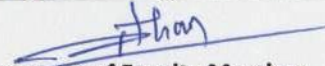
Department of Zoology

Name of Faculty Member: Dr. D.M.Pathan

Paper No.: XX (Semester VI)

Paper Name: **Fishery Science II**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Introduction a) Types of freshwater ponds-perennial and seasonal. b) Different types of ponds-nursery, rearing and stoking ponds. c) Design, construction and maintenance of nursery, rearing and stocking ponds. d) Productivity of ponds e) principles of fish collection f) Fish culture methods g) Culture – cat fisheries h) Sewage fed fisheries	Lecture/Online	15	3 March to 8 April 2022	
2.	Fish crop production (fish diseases) Protozoan, fungal, bacterial, viral worms diseases	Lecture/Online	06	9 to 28 April 2022	
3.	Breeding of fishes a) Natural spawning of carps c) Artificial breeding by hypophysation d) Common carp breeding	Lecture/Online	08	29 April to 14 May 2022	


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Class: **B.Sc.III**

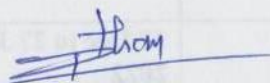
Department of **Zoology**

Name of Faculty Member: **Dr. D.M.Pathan**

Paper No.: **XX** (Semester VI)

Paper Name: **Fishery Science II**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
4.	Fish preservation and processing a) Fish processing methods b) Fish –spoilage c) Value added products d) Sanitation and HACCP	Lecture/Online	08	19 May to 3 June 2022	
5.	Crafts and gears a) Different types of gears b) Different types of crafts c) Preservation of gears	Lecture/Online	08	4 to 23 June 2022	


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Teaching –Plan Academic Year (2021-22)

SKMG / 1000 / 2018-2019

Class: B.Sc.III

Department of Zoology

Name of Faculty Member: Dr. D.M.Pathan

Paper No.: XVIII (Semester V)

Paper Name: **Fishery Science I(Practical)**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Days	Duration of Date / Month/ Year	Remarks
1.	Study of freshwater fishes. Major carps Other carps. Cat fishes Clupoides	Demonstration	03	4 to 28 Oct 2021	
2.	Study of brackish water fishes. <i>Hilsa hilsa, Chanos chanos (milkfish), Latis calcarifer, Tilapia</i>	Demonstration	02	15 to 30 Nov 2021	
3.	Study of marine ware fishes. Oil sardine Mackerel Ribbon -fish Bombay-duck Pomfret Sole ,Polynemus	Demonstration	03	1 to 23 Dec 2021	
4.	Water analysis	Demonstration	05	27 Dec to 27 Jan 2022	
5.	Visit to local or any reservoir and marine fish landing centre and student should be submit a project report at the time of practical examination		02	31 Jan to 3 Feb 2022	

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Class: B.Sc.III


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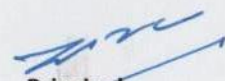
Name of Faculty Member: Dr. D.M.Pathan

Paper No.: XXII (Semester VI)

Paper Name: **Fishery Science I(Practical)**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Days	Duration of Date / Month/ Year	Remarks
1.	Primary productivity of ponds (plankton studies).	Demonstration	02	2 to 14 March 2022	
2.	Identification, classification and culturable significance of following. Catla, Rohu, Mrigal, Catfishes, Exotic Fishes	Demonstration	03	16 March to 7 April 2022	
3.	Collection and identification of fish parasites and worms.	Demonstration	04	11 April to 5 May 2022	
4.	Removal of fish pituitary gland and preparation of pituitary extract	Demonstration	02	9 to 19 May 2022	
5.	Identification of crafts and gears. Gill net, Rampanni, Satpati, Machwa, Catamaran	Demonstration	02	23 May 6 June 2022	
6.	A visit to fish farm and fish processing centre is compulsory	Demonstration	02	13 to 23 June 2022	


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SHRIKIRSHNA MAHAVIDYALAYA, GUNJOTI

Teaching days Calendar for 180 days

Department : **Zoology**

Academic year **2021-2022**

Name of the Faculty Member : **Dr.R. S. Madle**

Term	Month	Working Days	Theory Periods		Practical Periods		Total Periods
			II	III	II	III	
First Term	October	22	11	11	24	30	76
	Nov	16	08	08	15	24	55
	Dec	26	13	13	27	24	77
	Jan	24	12	12	24	24	72
	Feb	6	03	03	06	09	21
	Total I	94	47	47	96	111	301
Second Terms	March	25	12	13	27	33	85
	April	23	11	12	24	36	83
	May	24	12	12	24	36	84
	June	26	13	13	27	36	89
	Total II	98	48	50	102	141	341
	Total I+II	192	95	97	198	252	642

Total Teaching days 192
 Total Theory Periods 192
 Total Practical Periods 252

M. S. Madle
 Signature of Faculty Member

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

SKMG / 1000 / 2014-15

Class: B.Sc. II

Department of **Zoology**

Name of Faculty: **Dr. R.S. Madle**

Paper No.: **VII** (Semester III)

Paper Name: **VERTEBRATE ZOOLOGY**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Agnatha: - Out line classification and general characters of cyclostomata.	Lecture/On line/	02	1,7 Oct 2021	
2.	Pisces: - Out line classification and general characters. Scoliodon: - External characters, Digestive system, Respiratory system, Blood Vascular System and Nervous System.	Lecture/On line	08	8 to 29 Oct 2021	
3.	Amphibia: - Out line classification and general characters. Development of frog: - Fertilization Cleavage Blastula Gastulation and formation of germinal layers. Neotony Parental care in amphibia	Lecture/On line	06	30 Oct to 20 Nov	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

SKMG / 1000 / 2014-15

Class: **B.Sc. II**

Department of **Zoology**

Name of Faculty: **Dr. R.S. Madle**

Paper No.: **VII** (Semester III)

Paper Name: **VERTEBRATE ZOOLOGY**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
4.	Reptilia: - Out line classification and general characters. Calotes:-External features, Respiratory system and Blood vascular system. Poisonous and non- poisonous snakes.	Lecture/Online	06	25 Nov to 4 Dec 2021	
5.	Aves: - Out line classification and general charac <i>Columba livia:</i> - External features, Respiratory system, Embryology of chick.-Cleavage Blastula Gastulation and formation of germinal layers and extra embryonic membranes.Flight adaptation in birds.Migration in Birds	Lecture/Online	10	9 to 31 Dec 2021	
6.	Mammalia: - Out line classification and general characters. <i>Ratus ratus:</i> - External features, Blood Vascular System, Urino-genital System and Adaptive radiation in mammals.	Lecture/Online	13	1 Jan to 3 Feb 2022	

Madle

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Teaching –Plan Academic Year (2021-2022)

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Class: B.Sc. II

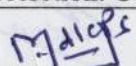
Department of Zoology

Name of Faculty Member: Dr. R.S. Madle

Paper No.: XI (Semester IV)

Paper Name: **ANIMAL PHYSIOLOGY (Special Emphasis on Mammals)**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	<p>➤ Digestion :- Brief Introduction to digestive system. Buccal digestion - salivary secretion and digestion. Gastric digestion - gastric secretion and digestion. Intestinal digestion - Pancreatic secretion, bile juices and digestion in Small intestine, Digestion and absorption in large intestine</p>	Lecture/Online	07	3 to 17 March 2022	
2.	<p>➤ Respiration :- Respiratory organs. Breathing mechanism. Respiratory pigments: - Properties and function of respiratory pigments. External respiration. Internal respiration. Transport of gases.</p>	Lecture/Online	09	19 March 9 April 2022	
3.	<p>➤ Circulation :- Working of mammalian heart. Blood and its composition. Mechanism of blood clotting</p>	Lecture/Online	05	16 to 28 April 2022	
4.	<p>➤ Excretion :- Structure of kidney. Structure of uriniferous tubules. Urine formation: - Ultra filtration selective, re-absorption and tubular secretion. Counter current multiplier system</p>	Lecture/Online	05	29 April to 12 May 2022	


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Teaching –Plan Academic Year (2021-2022)

SKMG / 1000 / 2014-15

Class: B.Sc. II

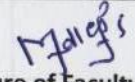
Department of **Zoology**

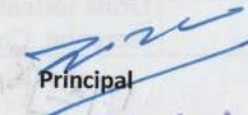
Name of Faculty Member: **Dr. R.S. Madle**

Paper No.: XI (Semester IV)

Paper Name: **ANIMAL PHYSIOLOGY (Special Emphasis on Mammals)**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
5.	Nerve Physiology :- Structure of nerve cells and neuron. Neurotransmitters. Synapses: - Ultra structure and function	Lecture/Online	06	13 to 26 May 2022	
6..	Muscles Physiology :- Ultra structure of smooth muscle, striated muscles, and cardiac muscles. Muscle contraction. Simple twitch and fatigue	Lecture/Online	05	27 May to 4 June 2022	
7.	Reproduction :- Structure of gonads, Gametogenesis. Role of sex hormones in Reproduction. Reproductive cycles – oestrous and menstrual cycle	Lecture/Online	08	9 to 24 June 2022	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

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Class: B.Sc.II

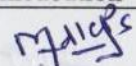
Department of Zoology

Name of Faculty Member: Dr. R.S. Madle

Paper No.: IX (Semester III)

Paper Name: VERTEBRATE ZOOLOGY (Practical)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of days	Duration of Date / Month/ Year	Remarks
1.	Museum study of vertebrates. (At least 20). (Identification, classification, sketches, General characters and biological importance).	Demonstration	05	4 Oct to 17 Nov 2021	
2.	Dissection of Scoliodon / Labeo <ul style="list-style-type: none">➤ Afferent and efferent,➤ Cranial Nerves.➤ Brain .	Demonstration	03	22 Nov to 8 Dec 2021	
3.	Dissection of Rat/ Frog ; <ul style="list-style-type: none">➤ Urinogenital system,➤ Arterial system,➤ Venous System,➤ Brain of Rat	Demonstration	05	13 Dec to 12 Jan 2022	
4.	.Mounting of Placoid, Cycloid and Ctenoid scales of fish	Demonstration	01	17,19 Jan 2022	
5.	Study of Embryological development of chick according to hours of incubation	Demonstration	01	24,31 Jan 2022	


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Class: B.Sc.II

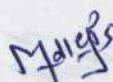
Department of Zoology

Name of Faculty Member: Dr. R.S. Madle

Paper No.: XIII(Semester IV)

Paper Name: **ANIMAL PHYSIOLOGY (PRACTICAL)**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of days	Duration of Date / Month/ Year	Remarks
1.	To study the digestive enzymes from cockroach/Human Saliva.	Demonstration	02	2 to 14 March 2022	
2.	Total count of RBC /WBC from given blood sample	Demonstration	04	16 March to 11 April 2022	
3.	Preparation of Heamatin crystals from blood sample.	Demonstration	01	13,18 April 2022	
4.	Hb% from given blood sample	Demonstration	01	20,25 April 2022	
5.	Effect of isotonic, hypotonic, and hypertonic solutions on blood cell (RBCs)	Demonstration	01	27April to 2 May	
6.	Detection of nitrogenous waste product from the extract of different animals	Demonstration	01	4,9 May 2022	
7.	Detection of nitrogenous waste product in fish/frog water tank.	Demonstration	01	11,18 May2022	
8.	Estimation of O ₂ consumed by fish in relation to temperature by Wrinkle's method	Demonstration	01	23,25 May 2022	
9.	Typographic reading of skeletal muscle properties , heart beating in Toad / Rat. (Demo only)	Demonstration	01	1,6 June 2022	
10.	Histological study of following. T.S. of Kidney ,T.S. of Testis ,T.S. of Ovaries ,T.S. of Pancreas ,T.S. of Intestine	Demonstration	01	8,13 June 2022	


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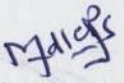
Paper No.: **XV** (Semester V)

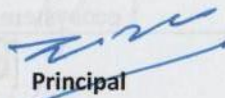
Class: **B.Sc.III**

Name of Faculty Member: **Dr. R.S. Madle**

Paper Name: **ECOLOGY**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Introduction :- Definition, basic concept, terminology used in ecology.	Lecture/Online	02	4,5 Oct 2021	
2.	Abiotic environmental factors. Temperature; Concept, temperature fluctuation in different environment. Range of temperature tolerance, effect of temperature on animals, Thermal adaptation. Light-Concept, Light variation in different environment, effect of light on animals. Adaptation to salinity and moisture	Lecture/Online	08	6 to 26 Oct 2021	
3.	Biotic environmental factors :- Competition: - Definition, types, intra specific and inter specific competition Predation: - Definition, characteristics of predation. Commensalisms: - Definition and types with examples. Mutualism: - Definition and example. Parasitism: - Definition and types with examples	Lecture/Online	08	27 Oct to 29 Nov 2021	


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Class: B.Sc.III

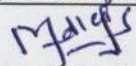
Department of Zoology

Name of Faculty Member: Dr. R.S. Madle

Paper No.: XV (Semester V)

Paper Name: ECOLOGY

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
4.	Population :- Definition and basic concepts Characteristics of population; Density, Natality, Mortality, Dispersion and Age distribution. Population growth. Population regulation	Lecture/Online	06	1 to 14 Dec 2021	
5.	Community :- Definition, basic concept and types. Structure of community; producer, consumers and decomposers. Characters; ecological niche, diversity, abundance, dominance, ecotone, edge effect. Community succession; example of succession and climax	Lecture/Online	06	15 to 28 Dec 2021	
6.	Ecosystem :- Definition, concept and types. Components of ecosystem, Dynamics of ecosystem: - primary production, secondary production, food chain, food web, tropic level, energy of flow, ecological pyramids. Brief introduction to major ecosystems: - Marine ecosystem, Pond ecosystem, Forest ecosystem and Desert ecosystem.	Lecture/Online	15	29 Dec to 2 Feb 2022	


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Department of Zoology

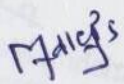
Paper No.: XIX (Semester VI)


Class: B.Sc.III

Name of Faculty Member: Dr. R.S. Madle

Paper Name: EVOLUTION

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Concept of organic evolution :- Definition and concept. Theories of organic evolution in brief; Preformation theory, Bear's Law, Biogenetic law, catastrophism, Lamarckism, Darwinism and Germplasm theory	Lecture/Online	06	2 to 15 March 2022	
2.	Origin of Life :- Definition, Abiogenesis, Biogenesis. Chemical evolution of life.	Lecture/Online	03	16 to 22 March 2022	
3.	Evidences of Organic Evolution :- Anatomical evidences. Embryological evidences	Lecture/Online	04	23 to 30 March 2022	
4.	Darwinism :- Introduction :- Natural selection theory, Artificial selection theory and sexual selection theory	Lecture/Online	05	4 to 12 April 2022	
5.	Elemental forces of evolution :- Mutation: - Concept and role in evolution. Recombination: - Concept and role in evolution. Natural selection: - Concept and role in evolution. Isolation: - Concept and role in evolution. Genetic Drift. : - Concept and role in evolution	Lecture/Online	07	13 to 27 April 2022	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

SKMG / 1000 / 2014-15

Class: B.Sc.III

Department of Zoology

Name of Faculty Member: Dr. R.S. Madle

Paper No.: XIX (Semester VI)

Paper Name: EVOLUTION

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
6.	Basic patterns of evolution :- Sequential and divergent evolution. Microevolution: - Concept, silent features and mechanism with example. Macro evolution: - Concept, silent features and mechanism with example. Mega evolution: - Concept, silent features and mechanism with example	Lecture/Online	09	2 to 24 May 2022	
7.	Species and speciation:- Species: - Morphological concept, Genetical concept, biological concept of species Speciation: - Definition, concept, mechanism of speciation. Allopatric, Sympatric and Parapatric speciation.	Lecture/Online	07	25 May to 8 June 2022	
8.	Fossils :- Definition , fossil formation Types of fossils	Lecture/Online	04	13 to 22 June 2022	

Signature of Faculty Member

Madle

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Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

SKMG / 1000 / 2014-15

Class: B.Sc.III

Department of Zoology

Name of Faculty Member: Dr. R.S. Madle

Paper No.: XVII (Semester V)

Paper Name: ECOLOGY (PRACTICAL)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of days	Duration of Date / Month/ Year	Remarks
1.	Estimation of productivity of pond ecosystem using white and dark bottle method	Demonstration	02	5 to 22 Oct 2021	
2.	Determine the following parameters of soil. pH Alkalinity Chlorinity Salinity	Demonstration	04	23 Oct to 30 Nov 2021	
3.	Analysis of DO, CO ₂ , Salinity, Chlorinity of water sample.	Demonstration	04	3 to 31 Dec 2021	
4.	Study of animal association ship with example (Charts/photo) - Competition, mutualism, parasitism, predation and commensalisms	Demonstration	01	1 to 7 Jan 2022	
5.	Estimation of population density by Quadrate method on field 04 and by Simulation method	Demonstration	03	8 to 29 Jan 2022	
6.	Preparation of permanent slides of following <i>Spirogyra</i> , <i>Verticella</i> , <i>Odogonium</i> , <i>Daphnia</i> , <i>Cyclops</i> , <i>Mysis</i> , <i>Cypris</i> , <i>keretella</i>	Demonstration	01	1 to 5 Feb 2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

SKMG / 1000 / 2014-15

Class: B.Sc.III

Department of **Zoology**

Name of Faculty Member: **Dr. R.S. Madle**

Paper No.: **XXI** (Semester VI)

Paper Name: **EVOLUTION (PRACTICAL)**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of days	Duration of Date / Month/ Year	Remarks
1.	Embryological evidences of evolution with the help of slide/chart/pictures	Demonstration	02	4 to 15 March 2022	
2.	Adaptive modification in feet of birds and mouth parts of insects	Demonstration	02	19 March to 1 April 2022	
3.	Study of successive stages of evolution with the help of models/charts Horse Human	Demonstration	02	5 to 19 April 2022	
4.	Discussion on patterns of speciation with the help of charts /pictures. Allopatric speciation Sympatric speciation	Demonstration	02	22 April to 6 May 2022	
5.	Study the homologous and analogous organs	Demonstration	04	7 May to 3 June 2022	
6.	Study of natural selection using <i>E.coli</i> bacteria against antibiotics (Tetramycin/ Penicillin)	Demonstration	01	4 to 10 June 2022	
7.	Study of geographical area	Demonstration	02	11 to 24 June 2022	


Signature of Faculty Member


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar For 180 Days

Faculty of Science

Academic Year: (2021-2022)

(Department of Zoology)

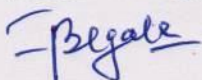
Name of Faculty Member: Dr.Ugale B.J

Term	Month	Teaching Days	Theory Periods		Practical Periods		Total Periods
			I year	II year	I year	II year	
First Term	October	22	11	11	18	12	52
	November	16	08	08	36	24	76
	December	26	13	13	36	24	86
	January	24	12	12	27	24	75
	February	06	01	01	18	06	26
Total 1		94	45	45	135	90	315
Second Term	March	25	12	13	36	24	85
	April	23	11	12	27	18	68
	May	24	12	12	36	24	84
	June	26	10	08	36	24	78
Total 2		98	45	45	135	90	315
Total 1 + 2		192	90	90	270	180	630

Total Working Days = 192

Total Theory Periods = 180

Total Practical Periods = 450



Signature of Faculty Member



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Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2021-2022)

Class: B.Sc. I

Department of Zoology

Name of Faculty: Dr. Ugale B.J.

Paper No.: I (Semester I)

Paper Name: Protozoa to Annelida

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Introduction to animal kingdom	Lecture	03	1 Oct. 2021 to 8 Oct. 2021	
2.	Protozoa	Lecture	09	9 Oct. 2021 to 11 Nov. 2021	
3.	Porifera	Lecture	08	12 Nov. 2021 to 2 Dec. 2021	
4.	Coelenterates	Lecture	06	3 Dec. 2021 to 16 Dec. 2021	
5.	Helminthes	Lecture	12	17 Dec. 2022 to 15 Jan. 2022	
6.	Annelida	Lecture	07	20 Jan. 2022 to 3 Feb. 2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2021-2022)

Class: B.Sc. I

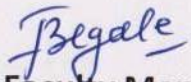
Department of Zoology

Name of Faculty Member: Dr. Ugale B.J.

Paper No. : III (Semester I)

Paper Name: PROTOZOA TO ANNELIDA & CELL BIOLOGY (PRACTICAL)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Study of slides from Ciliates, Opalirates, and Flagellates	Demonstration	01	II Week of October 2021	
2.	Study of museum specimen and slides from Porifera to Annelids.	Demonstration	02	III Week To IV Week of October 2021	
3.	Dissection:	Demonstration	05	I Week of Nov. 2021 To I Week of December 2021	
4.	Mounting of any five of the following.	Demonstration	01	II Week of Dec. 2021	
5.	Study of cell organelles by using Models, Charts, Slides & Electron micrographs.	Demonstration	01	III Week of December 2021	
6.	Squash preparation of Onion root tip to study Mitosis.	Demonstration	01	IV Week of December 2021	
7.	Preparation of polytene chromosome in chironomous larva/fruit flies.	Demonstration	01	I Week of January 2022	
8.	Microtechnique	Demonstration	02	II, III Week of Jan. 2022	
9.	Study of Microscopy	Demonstration	01	IV Week of Jan. 2022	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2021-2022)

Class: B.Sc. I

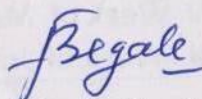
Department of Zoology

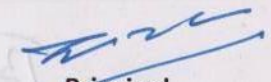
Name of Faculty Member: Dr. Ugale B.J.

Paper No. : V (Semester II)

Paper Name: GENETICS – I

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Elements of heredity & variation	Lecture	04	3 March 2022 to 10 March 2022	
2.	Gene interaction	Lecture	05	11 March 2022 to 24 March 2022	
3.	Multiple Alleles	Lecture	05	25 March 2022 to 7 April 2022	
4.	Cytoplasmic inheritance.	Lecture	08	8 April 2022 to 29 April 2022	
5.	Sex Determination	Lecture	08	31 April 20122 to 19 May 2022	
6.	Mutation	Lecture	15	20 May 2022 to 23 Jun 2022	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2021-2022)

Class: B.Sc. I

Department of Zoology

Name of Faculty Member: Dr. Ugale B.J.

Paper No. : VI (Semester II)

Paper Name: ARTHROPODA TO ECHINODERMATA AND PROTOCHORDATA & CELL BIOLOGY (PRACTICAL)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Study of museum specimen & slides of relevant Invertebrates & Protochordata. (At least 3 from each phylum).	Demonstration	03	I To III Week of March 2022	
2.	Dissections:	Demonstration	05	IV Week of March 2022 To IV Week of April 2022	
3.	Mounting of any five of the following. Mouthparts of Cockroach, Mosquito, House fly, Bed bug and Honeybee. Salivary glands of cockroach. Redula of Pila, Pedicillaria of Star fish.	Demonstration	01	I Week of May 2022	
4.	Culture of Drosophila	Demonstration	01	II Week of May 2022	
5.	Determination of human blood groups A, B, AB, and O, Rh factor.	Demonstration	01	III Week of May 2022	
6.	Major and minor problems in genetics	Demonstration	04	IV Week of May 2022 To III Week of June 2022	

Signature of Faculty Member

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2021-2022)

Class: B.Sc. II

Department of **Zoology**

Name of Faculty Member: **Dr. Ugale B.J.**

Paper No. : **VIII (Semester III)**

Paper Name: **Genetics –II**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Genes and its expression	Lecture	08	4 Oct. 2021 to 20 Oct. 2021	
2.	Population Genetics	Lecture	05	25 Oct. 2021 to 16 Nov. 2021	
3.	Human Genetics	Lecture	12	17 Nov. 2021 to 14 Dec. 2021	
4.	Microbial Genetics	Lecture	05	15 Dec. 2021 to 27 Dec. 2021	
5.	Genetic Engineering	Lecture	15	28 Dec. 2021 to 1 Feb. 2022	

Signature of Faculty Member

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Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2021-2022)

Class: B.Sc. II

Department of Zoology

Name of Faculty Member: Dr. Ugale B.J.

Paper No. : X (Semester III)

Paper Name: Genetics –II (Practical)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Preparation of paper model of DNA and study of DNA structure	Demonstration	01	II Week of Oct. 2021	
2.	Study of protein synthesis with the help of chart/models.	Demonstration	02	III To IV Week of Oct. 2021	
3.	Estimation of DNA from animal tissue with the help of Diphenyl amine method.	Demonstration	02	I, II Week of Nov. 2021	
4.	Study of preparation of Normal Karyotype of human.	Demonstration	01	III Week of Nov. 2021	
5.	Karyotypic study of Down's syndrome, Turner's syndrome, Klinefelter's syndrome with the help of photograph.	Demonstration	02	IV Week of Nov. 2021 To I Week of Dec. 2021	
6.	Detection of Barr body from epithelial cell.	Demonstration	01	II Week of Dec. 2021	
7.	Problems on sex linked inheritance.	Demonstration	02	III Week To IV Week of Dec. 2021	
8.	Problem based on Hardy-Weinberg's Law.	Demonstration	02	I To II Week of Jan 2022	
9.	Study of gene frequency and mutants of man:	Demonstration	02	III To IV Week Jan. 2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2021-2022)

Class: B.Sc. II

Department of Zoology

Name of Faculty Member: Dr. Ugale B.J.

Paper No. : XII (Semester IV)

Paper Name: BIOCHEMISTRY AND ENDOCRINOLOGY

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
A. 1	BIOCHEMISTRY Enzymes:-	Lecture	05	2 March 2022 to 14 March 2022	
2.	Carbohydrates: -	Lecture	06	15 March 2022 to 28 March 2022	
3.	Proteins:-	Lecture	06	29 March 2022 to 11 April 2022	
4.	Lipids: -	Lecture	05	12 April 2022 to 20 April 2022	
5.	Vitamins: - Sources and deficiency.	Lecture	02	25 April 2022 to 26 April 2022	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2021-2022)

Class: B.Sc. II

Department of Zoology

Name of Faculty Member: Dr. Ugale B.J.

Paper No. : XII (Semester IV)

Paper Name: BIOCHEMISTRY AND ENDOCRINOLOGY

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
B. 1.	ENDOCRINOLOGY Endocrine system of vertebrates	Lecture	04	27 April 2022 to 9 May 2022	
2.	Pituitary gland	Lecture	05	10 May 2022 to 23 May 2022	
3.	Thyroid gland	Lecture	03	24 May 2022 to 30 May 2022	
4.	Adrenal gland	Lecture	05	31 May 2022 to 8 June 2022	
5	Pancreas	Lecture	04	13 June 2022 to 20 June 2022	

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Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2021-2022)

Class: B.Sc. II

Department of Zoology

Name of Faculty Member: Dr. Ugale B.J.

Paper No. : XIV (Semester IV)

Paper Name: BIOCHEMISTRY AND ENDOCRINOLOGY (PRACTICAL)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Preparation of solutions of given percentage, normality and molarity.	Demonstration	02	I, II, Week of March 2022	
2.	Study of analytical instrument principal and applications.	Demonstration	04	III Week of march To II Week of April 2022	
3.	Factors affecting enzyme activity temperature and pH.	Demonstration	02	III, V Week of April 2022	
4.	Detection of amino acid by paper chromatography.	Demonstration	01	I Week of May 2022	
5.	Qualitative test for organic compound. Carbohydrate, Protein and Fat.	Demonstration	03	II To IV Week of May 2022	
6.	Quantitative estimation of protein from animal tissue using Lawry's method.	Demonstration	02	I To II Week of June 2022	
7.	Study of permanent histological slides of endocrine glands.	Demonstration	01	III Week of June 2022	

Dr. Ugale

Signature of Faculty Member

[Signature]

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tal. Oranga Dist. Orissa

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar For 180 Days

Faculty of Arts / Science / Management Science

Academic Year: (2021-22)

(Department of Mathematics)

Name of Faculty Member: **H. S. Bhosale**

Term	Month	Working days	B.Sc. I	B.Sc. II	B.Sc. III	Total Periods
First Term	Oct	22	18	18	36	72
	Nov	16	13	13	26	52
	Dec	26	21	21	42	84
	Jan	24	21	21	42	84
	Feb	06	5	5	10	20
Total 1		94	78	78	156	312
Second Term	Mar	25	21	21	40	82
	Apr	23	18	18	36	72
	May	24	21	21	42	84
	Jun	26	21	21	42	84
Total 2		98	81	81	160	322
Total 1 + 2		192	159	159	316	634

Total Working Days = 192

Total Theory Periods = 634

Total Practical Periods = 000

Signature of Faculty Member



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Teaching-Learning Academic Plan (2021 - 22)

Faculty of Science
Department of Mathematics
Paper No. MAT - 102

Class : B.Sc. – I (First Semester)
Name of Teacher: **Bhosale H. S.**
Paper Name: **DIFFERENTIAL EQUATIONS**

Chapter No. Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	Equations of The First Order and of The First Degree: Exact differential equations, linear equations, equations reducible to the linear form.	Lecture	05	Oct 2021	
2	Linear Equations with Constant Coefficients: Linear equations, complementary functions, particular integral, complete integral, The linear equations with constant coefficients and second member zero, case of auxiliary equation having equal roots, case of auxiliary equation having imaginary roots, the symbol D , the linear equation with constant coefficients and second member a function of x , the symbolic function $1/f(D)$, methods of finding the particular integral, short methods of finding particular integrals corresponding to the terms e^{ax} , x^m , $\sin ax$, $\cos ax$, $e^{ax}V$ and xV in the second member.	Lecture	15	Nov 2021	
3	Linear Equations with Variable Coefficients: The homogeneous linear equation, methods of finding solution, the symbolic functions $f(\theta)$ and $1/f(\theta)$, methods of finding the particular integral, integral corresponding to a term of form x^n in the second member, equations reducible to homogeneous linear form..	Lecture	15	Dec 2021	
4	Exact Differential Equations and Equations of Particular Forms: Exact differential equations, criterion of an exact differential equation, the integration of an exact equation: first integral, equations of the form $d^2y/dx^2 = f(x)$, equation of the form $d^2y/dx^2 = f(y)$	Lecture	05	Jan – 2022	
5	Ordinary Differential Equations with More Than Two Variables: Simultaneous differential equations which are linear, simultaneous equations of the First order.	Lecture	10	Jan 2022	
6	Partial Differential Equations: Definitions, derivation of a partial differential equation by the elimination of constants, Derivation of a partial differential equation by the elimination of arbitrary functions.	Lecture	10	Jan, Feb 2022	

Signature of Associate Professor

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Teaching-Learning Academic Plan (2021 – 22)

Faculty of Science
Department of Mathematics
Paper No. MAT - 202

Class : B.Sc. – I (Second Semester)
Name of Teacher: **Bhosale H. S.**
Paper Name: **GEOMETRY**

Chapter No. Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	The Plane: Equations of the first degree in x, y, z , transformation to the normal form, determination of plane under given conditions, equations of the plane through three given points, systems of planes, two sides of a plane, length of the perpendicular from a point to a plane, bisectors of angles between two planes, joint equation of two planes.	Lecture	15	Mar 2022	
2	Right Line: Equations of a line, equations of a straight line in terms of its direction cosines and the co-ordinates of a point on it, equations of a line through two points, symmetrical and unsymmetrical forms of the equations of a line, transformation of the equations of a line to the symmetrical form, angle between a line and a plane, the condition that a given line may lie in a given plane, the condition that two given lines are coplanar, number of arbitrary constants in the equations of a straight line, sets of conditions which determine a line, the shortest distance between two lines, the length and equations of the line of shortest distance between two straight lines, length of perpendicular from a given point to a given line.	Lecture	15	Apr 2022	
3	Sphere: Definition and equation of the sphere, equation of the sphere through four given points, plane section of a sphere, intersection of two spheres, equation of a circle, sphere through a given circle, intersection of a sphere and a line, equation of a tangent plane.	Lecture	15	May 2022	
4	Cones, Cylinders: The right circular cone, equation of a right circular cone, the right circular cylinder, equation of a right circular cylinder.	Lecture	07	June 2022	
5	The Conicoid: Central conicoids, intersection of a line and a central conicoid, tangent lines and tangent plane at a point, condition that a plane may touch a central conicoid.	Lecture	08	Jun 2022	

Signature of Associate Professor

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Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Teaching-Learning Academic Plan (2021– 22)

Faculty of Science
Department of Mathematics
Paper No. MAT - 302

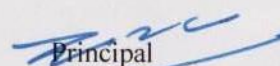
Class : B.Sc. – II (Third Semester)

Name of Teacher: **Bhosale H. S.**

Paper Name: **Integral Transforms**

Chapter No. Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	<u>Beta and Gamma Functions:</u> Euler's Integrals – Beta and Gamma Functions, elementary properties of Gamma function, Transformation of Gamma function, Another form of Beta function, Relation between Beta and Gamma function, Other transformations.	Lecture	10	Oct, Nov - 2021	
2	<u>Laplace Transform:</u> Piece-wise or sectional continuity, Function of exponential order, Function of class A, The transform concept, Laplace transform, Notation, Some standard results.	Lecture	15	Nov 2021	
3	<u>Inverse Laplace Transform:</u> Definition, Null function, Uniqueness of inverse Laplace transform, Partial fractions, Heaviside's expansion formula, The complex inversion formula	Lecture	10	Nov, Dec - 2021 2021	
4	<u>Application to Laplace Transform:</u> Differential Equations, Notations	Lecture	05	Jan 2022	
5	<u>Fourier Transform:</u> Infinite Fourier sine transform of $F(x)$, Finite Fourier cosine transform of $F(x)$, Infinite Fourier transform of $F(x)$, Relationship between Fourier transform and Laplace transform, Finite Fourier sine transform, Finite Fourier cosine transform, Fourier integral theorem.	Lecture	05	Feb 2022	

Signature of Associate Professor


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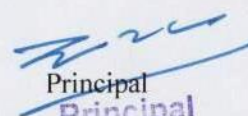
Teaching-Learning Academic Plan (2021– 22)

Faculty of Science
Department of Mathematics
Paper No. MAT - 402

Class : B.Sc. – II (Fourth Semester)
Name of Teacher: **Bhosale H. S.**
Paper Name: **Partial Differential Equations**

Chapter No. Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	<u>Linear Partial Differential Equations of First order:</u> Definition of partial differential equation, Lagrange's Linear partial differential equations, Geometric interpretation of the Lagrange's partial differential equation $Pp + Qq = R$.	Lecture	10	Mar – 2022	
2	<u>Non-linear Partial Differential Equations of First order:</u> Complete and particular integrals, General integral, Singular integral, Special method, Standard form I, Standard form II, Standard form III, Standard form IV, Charpit's method, Non-linear Partial Differential Equations of First order with three or more independent variables, Jacobi's Method	Lecture	15	Apr – 2022	
3	<u>Linear Partial Differential Equation:</u> Definitions, Linear partial differential equations with constant coefficients, Non-homogeneous Linear partial differential equations, Reducible to Linear form with constant form	Lecture	15	May - 2022	
4	<u>Linear Partial Differential Equations of Second order:</u> Equations that can be integrated by inspection, Monge's method to solve the equation $Rr + Ss + Tt = V$, Method of transformation (Canonical form)	Lecture	10	Jun – 2022	

Signature of Associate Professor


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Teaching-Learning Academic Plan (2021 – 22)

Faculty of Science
Department of Mathematics
Paper No. MAT - 501

Class : B.Sc. – III (Fifth Semester)
Name of Teacher: **Bhosale H. S.**
Paper Name: **ANALYSIS – I**

Chapter No. Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	1) Prerequisite: Sets and elements, Operations on sets. 2) Functions: Functions, Real-valued functions, Equivalence, Countability, Real numbers, Least upper bounds.	Lecture	10	Oct 2021	
2	3) Sequences of Real Numbers: Definition of sequence and subsequence, Limit of a sequence, Convergent sequences, Divergent sequences, Bounded sequences, Monotone sequences, Operations on convergent sequences, Operations on divergent sequences, Limit superior and limit inferior, Cauchy sequences.	Lecture	20	Nov 2021	
3	4) Series of Real Numbers: Convergence and divergence, Series with non-negative terms, Alternating series, Conditional convergence and convergence, Test for absolute convergence.	Lecture	15	Dec 2021	
4	5) Jacobians: Definitions, Case of function of functions, Jacobian of implicit functions, Necessary and sufficient condition for a Jacobian to vanish.	Lecture	15	Jan, Feb 2022	


Signature of Associate Professor


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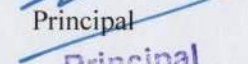
Teaching-Learning Academic Plan (2021 – 22)

Faculty of Science
Department of Mathematics
Paper No. MAT - 502

Class : B.Sc. – III (Fifth Semester)
Name of Teacher: **Bhosale H. S.**
Paper Name: **ABSTRACT ALGEBRA- I**

Chapter No. Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	1) Prerequisite: Sets, Functions, Integers. 2) Group Theory: Definition of a group, Some examples of groups, Some preliminary lemmas Subgroups, A counting Principle, Normal subgroups and quotient groups, Homomorphism, Automorphism.	Lecture	30	Oct, Nov, Dec 2021	
2	3) Ring Theory: Definition and examples of rings Some special classes of ring, Ideals and quotient rings More ideals and quotient rings, Polynomial ring.	Lecture	30	Dec 21 Jan, Feb 2022	


Signature of Associate Professor


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Teaching-Learning Academic Plan (2021 – 22)

Faculty of Science
Department of Mathematics
Paper No. MAT - 601

Class : B.Sc. – III (Sixth Semester)
Name of Teacher: **Bhosale H. S.**
Paper Name: **ANALYSIS – II**

Chapter No. Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	1) Limits in Metric Spaces: Metric spaces, Limits in metric spaces. 2) Continuous Functions on Metric Spaces: Functions continuous on metric spaces, open sets, Closed sets.	Lecture	15	Mar 2022	
2	Connectedness, Completeness and Compactness: More about open sets, connected sets, bounded sets and totally bounded sets, Complete metric spaces, Compact metric spaces, Continuous functions on compact metric spaces, Uniform continuity.	Lecture	15	Apr 2022	
3	Calculus: Sets of measure zero, Definition of Riemann Integral, Existence of Riemann Integral, Fundamental Theorem of Calculus.	Lecture	15	May 2022	
4	Fourier Series: Introduction.	Lecture	15	Jun 2022	

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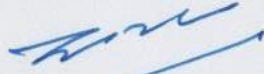
Teaching-Learning Academic Plan (2021 – 22)

Faculty of Science
Department of Mathematics
Paper No. MAT - 602

Class : B.Sc. – III (Sixth Semester)
Name of Teacher: **Bhosale H. S.**
Paper Name: **ABSTRACT ALGEBRA – II**

Chapter No. Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	Vector Spaces and Modules: Elementary basic concepts	Lecture	15	Mar 2022	
2	Linear independence and bases	Lecture	10	Apr 22	
3	Dual Spaces,	Lecture	10	Apr 22	
4	Inner product spaces	Lecture	15	May 22	
5	Modules	Lecture	10	Jun 22	


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Academic Calendar for 180 Days

Faculty of Science

Academic Year- 2021- 2022

Department of Mathematics

Name of Faculty: **Dr. J.A. Nanware**

Term	Month	Working days	Theory periods			Practical periods			Total periods
			I	II	III	I	II	III	
First Term	October	22	00	20	10	00	00	00	30
	November	16	10	20	10	00	00	00	40
	December	26	25	40	20	00	00	00	85
	January	24	20	40	20	00	00	00	80
	February	06	05	00	00	00	00	00	05
Total 1		94	60	120	60	-			240
Second Term	March	25	15	40	15	00	00	00	70
	April	23	15	35	15	00	00	00	65
	May	24	15	35	15	00	00	00	65
	June	26	15	10	15	00	00	00	40
	July	00	00	00	00	00	00	00	00
Total 2		98	60	120	60	-			240
Total 1+2		192	120	240	120	-			480

Total working days = 180

Total theory periods = 480

Signature of Faculty Member

J.A. Nanware

J.A. Nanware
Principal

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

Class: B.Sc.First Year

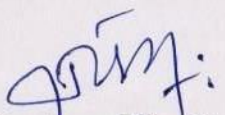
Department of Mathematics

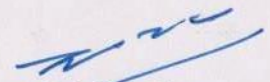
Paper No.: MAT 101

Name of Faculty: Dr. J. A. Nanware

Paper Name: Differential Calculus

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Prerequisite:Functions: Domain and range of a function, independent and dependent variables, polynomial functions and rational functions, constant functions and identity functions, one-one functions, onto function, invertible functions, composite function	Lecture	05	11/11/2021-22/11/2021	
	Limit and continuity: Limit of a function, left handed and right handed limits, nonexistence of limit, theorems on limits(statements only), theorems on continuity (statements only), discontinuity, types of discontinuity.	Lecture	05	23/11/2021-30/11/2021	Unit test
2.	Differentiations: Derivative of a function, derived function, derivability implying continuity, geometrical interpretation of a derivative, hyperbolic functions, derivatives of hyperbolic and inverse hyperbolic functions, logarithmic differentiation, derivative of implicit functions	Lecture	05	01/12/2021-07/12/2021	Tutorial
	Successive Differentiation: Higher order derivatives, calculation of n^{th} derivatives, some standard results, determination of n^{th} derivative of rational functions, the n^{th} derivatives of the products of the powers of sines and cosines, Leibnitz's theorem: n^{th} derivative of the product of two functions	Lecture	10	08/12/2021-18/12/2021	Seminar Unit test
3.	Mean Value Theorems: Rolle's theorem, Lagrange's mean value theorem, meaning of the sign of the derivative, Cauchy's mean value theorem, higher derivatives, Taylor's theorem, Maclaurin's theorem, Maclaurin's power series for a given function.	Lecture	05	20/12/2021-27/12/2021	Tutorial
	Partial Differentiation: Functions of two variables, limit of a function of two variables, continuity of a function of two variables at a point, limit of a continuous function, partial derivatives, partial derivatives of higher order, homogeneous function, Euler's theorem on homogeneous function, total differentials, differentiation of composite function and implicit function	Online	10	28/12/2021-06/01/2022	Tutorial Unit test
	Prerequisite: Scalar product of two vectors, sign of the scalar product, length of a vector as a scalar product, angle between two vectors, commutativity, distributivity, right handed and left handed vector triads, vector product, some properties of vector product, scalar triple product, distributive law, some properties of scalar triple product, vector triple product	Lecture	05	07/01/2022-15/01/2022	
	Differential Operators: Point functions: scalar valued point functions, vector valued point functions, limits and continuity, directional derivatives, Cartesian representation of point functions and their directional derivatives, directional derivatives of point functions along co-ordinate axes and along any line, gradient of a scalar point function, character of gradient as a point function, the operator ∇ , operator $\text{a} \cdot \nabla$, divergence and curl, gradient, divergence and curl of sums and product	Online	15	16/01/2022-07/02/2022	Unit test


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

Class: B.Sc. Second Year

Department of Mathematics

Name of Faculty: Dr. J. A. Nanware

Paper No. : MAT 301

Paper Name : Number Theory

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Divisibility Theory in the integers: The Division Algorithm, The greatest common divisor, The Euclidean algorithm, The Diophantine equation $ax+by=c$.	Lecture	15	01/10/2021-25/10/2021	Unit test
2.	Primes and their distribution: The fundamental theorem of arithmetic	Lecture	10	26/10/2021-30/10/2021 11/11/2021 -16/11/2021	Tutorial Unit test
3.	The theory of congruences : Basic properties of congruences, Linear congruences	Lecture	10	17/11/2021-26/11/2021	Tutorial
4.	Fermat's theorem: Fermat's factorization theorem, the Little theorem, Wilson's theorem	Lecture	10	27/11/2021-03/12/2021	Unit test
5.	Number –Theoretic functions: The functions τ and σ , The Mobius inversion formula	Online	07	04/12/2021-08/12/2021	Seminar Unit test
6.	Euler's generalization of Fermat's Theorem: Euler's Phi-function, Euler's theorem, Some properties of Phi function.	Online	08	09/12/2021-11/12/2021	Unit test

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Teaching –Plan Academic Year (2021-2022)

Class: B.Sc. Second Year

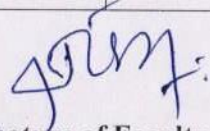
Department of Mathematics

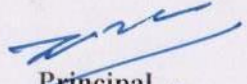
Paper No.: MAT 303

Name of Faculty: Dr.J. A. NANWARE

Paper Name: Mechanics_I

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Forces acting on a Particle: Particle, Rigid body, Force, The force as a vector, Equilibrium, An Axiom for the equilibrium of two forces, statics, resultant of forces, Law of a parallelogram of forces, Principle of transmissibility of forces, Deductions, Resultant of forces $m.OA$ and $n.OB$, Components and resolved parts, the algebraic sum of resolved parts of two forces, To find the magnitude and direction of the resultant of any number of coplanar forces acting at a point, resultant of parallel forces	Lecture	20	15/12/2021-31/12/2021	Unit test/ Seminar
2.	Equilibrium of forces acting on a particle: Triangle law of forces, Converse of the triangle law of forces, Polygon of forces, Lami's theorem, Conditions of equilibrium of forces acting on a particle.	Lecture	15	01/01/2022-18/01/2022	Tutorial Unit test
3	Forces acting on a Rigid Body: Introduction, Moment of a force, Sum of vector moments of two like parallel forces, couples, conditions of equilibrium of forces acting on a rigid body, Trigonometrical Theorems.	Online	15	19/01/2022-28/01/2022	Unit test
4	Centre of Gravity: Centroid of weighted points, Centre of gravity, Center of gravity of some uniform bodies.	Online	10	29/01/2022-07/02/2022	Unit test


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Teaching –Plan Academic Year (2021-2022)

Class: B.Sc. Third Year

Department of Mathematics

Name of Faculty: Dr. J.A. Nanware

Paper No.: – MAT-504

Paper Name: Ordinary Differential Equations-I

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Periods	Duration Date / Month/ Year	Remarks
1	Preliminaries:				
	Introduction, Complex numbers, functions, polynomials	Lecture	05	01/10/2021- 16/10/2021	
	Complex series and the exponential function	Lecture	06	18/10/2021- 30/10/2021	
	Determinants	Lecture	04	11/11/2021- 16/11/2021	Unit test
2	Linear equations of the first order:				
	Introduction, differential equations, problems associated with differential equations	Lecture	15	17/11/2021- 06/12/2021	
	Linear equations of the first order, The equation $y' + ay = 0$, The equation $y' + ay = b(x)$	Lecture	10	07/12/2021- 24/12/2021	Unit test
3	Linear equations with constant coefficients:				
	Introduction, The second order homogeneous equation, Initial value problems for second order equations	Online	10	26/12/2021- 11/01/2022	Seminar
	Linear dependence and independence, A formula for the Wronskain, The nonhomogeneous equation of order two, The homogeneous equation of order n	Online	10	12/01/2022- 31/01/2022	Seminar Unit test

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Teaching –Plan Academic Year (2021-2020)
Class: B.Sc. First Year

Department of Mathematics

Paper No.: MAT 201

Name of Faculty: Dr.J. A. NANWARE

Paper Name: Integral Calculus

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Methods of Integration: Reduction formulae.	Lecture	07	02/03/2022-09/03/2022	Unit test
	Integration of Algebraic Rational Functions: Case of non-repeated linear factors, Case of non-repeated linear or repeated linear factors, Case of linear or quadratic non-repeated factors		10	10/03/2022-04/04/2022	
	Integration of Trigonometric Functions: Integration of $\sin^n x$, $\cos^n x$ and reduction formulae for integration of $\sin^n x$, $\cos^n x$ Definite Integral as the Limit of a sum: Introduction, fundamental theorem.	Lecture	10 08	05/04/2022-23/04/2022 25/04/2022-06/05/2022	Unit test
2.	Areas of Plane Regions: Areas of region bounded by a curve, x-axis and two ordinates	Lecture	05	07/05/2022-23/05/2022	Tutorial Unit test
	Rectification, Length of Plane Curves: Introduction, expression for lengths of curves $y=f(x)$, expressions for lengths of arc $x=f(y)$; $x=f(t)$, $y=\phi(t)$; $r=f(\theta)$.		05		
3.	Volumes and Surfaces of Revolution: Introduction, expressions for the volume obtained by revolving about either the axis Integral Transformation: Introduction, line integrals, circulation, irrotational vector point functions, surface integrals, volume integrals, reduction of volume to surface integral, physical interpretation of Gauss theorem, reduction of surface to line integrals, condition for irrotational vector functional, Green's theorem.	Online	15	24/05/2022-30/06/2022	Unit test

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

Class: B.Sc. Second Year

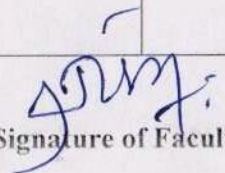
Department of Mathematics


Paper No.: MAT 401

Name of Faculty: Dr.J. A. NANWARE

Paper Name: Numerical Methods

Chap.No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date / Month/ Year	Remarks
1	Solution of Algebraic and Transcendental Equations: Introduction, Bisection method, Method of False position, Newton-Raphson method, Generalized Newton's method	Lecture	10	02/03/2022-12/03/2022	Seminar
2	Interpolation: Introduction, Finite Differences, Forward differences, Backward differences, Central differences, Symbolic relations and separation of symbols, Differences of a polynomial, Newton's formulae for interpolation, Interpolation with unevenly spaced points, Lagrange's interpolation formula, Hermite's interpolation formula, Divided differences and their properties, Newton's general interpolation formula	Online	15	14/03/2022-28/03/2022	Unit test
3	Curve Fitting and Approximations: Introduction, Least-Squares curve fitting procedures, fitting a straight line, nonlinear curve fitting, Applications of functions, Chebyshev polynomials, Economization of power series.	Online	10	29/03/2022-31/03/2022	Unit test
4	Solution of Linear System of Equations: Solution of linear systems-direct methods, Gaussian elimination method, Method of factorization, Solution of Linear systems-iterative methods, The Eigenvalue problem, Householder's method, Eigenvalues of a symmetric tridigonal matrix, The QR method	Lecture	15	01/04/2022-16/04/2022	Tutorial
5	Numerical Solution of Ordinary Differential Equations: Introduction, Solution by Taylor's series method, Picard's method of successive approximations, Euler's method, Runge Kutta methods.	Lecture	10	18/04/2022-25/04/2022	Tutorial Unit test


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2021-2022)

Class: B.Sc. Second Year

Department of Mathematics

Paper No.: MAT 403

Name of Faculty: Dr.J. A. NANWARE

Paper Name: Mechanics-II

Chap.No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date / Month/ Year	Remarks
1	Kinematics and dynamics of a particle in two dimensions: Introduction, Definitions, Velocity and acceleration in terms of vector derivatives, Tangent and unit vector along the tangent, Rate of change of unit vector moving in a plane, Curvature, principal normal, Tangential and normal components of velocity and acceleration, Angular speed and angular velocity, Radial and transverse components of velocity and acceleration, Areal speed and areal velocity	Lecture	15	26/04/2022-06/05/2022	Unit test
2	Kinetics of a particle: Introduction, Newton's law of motion, Matter, Linear momentum, Angular momentum, An Impulsive force and its impulse, Conservation of linear momentum, Impact of two bodies, Work, Energy, Scalar point function, Vector point function, Field of force, Conservative field of force	Lecture	15	07/05/2022-19/05/2022	Seminars
3	Motion of a projectile and motion in a resisting medium: Rectilinear motion, Motion under gravity, Projectile, Motion of projectile, Range on an inclined plane, Parabola of safety, Projectile to pass through a given point, Motion in a resisting medium, Motion of a body moving under gravity and in a medium whose resistance varies as velocity	Lecture/Online	15	20/05/2022-27/05/2022	Tutorial/ Unit Test
4	Central Orbits: Definitions, Areal velocity in central orbit, Differential equation of central orbit, Apses, Law of force, Pedal equation of some curves	Online	15	28/05/2022-30/06/2022	Unit Test

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Teaching –Plan Academic Year (2021-2022)

Class: B.Sc. Third Year

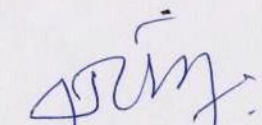
Department of Mathematics

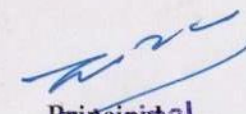
Paper No.: – MAT -604

Name of Faculty: Dr. J.A.Nanware

Paper Name: Ordinary Differential Equations-II

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1	Linear equations with variable coefficients: Introduction, Initial Value problems for the homogeneous equation, Solutions of the homogeneous equation. The Wronskian and linear independence	Lecture	10	01/03/ 2022 - 25/03/2022	Unit test
1	Reduction of the order of a homogeneous equation, The non-homogeneous equation, Homogeneous equations with analytic coefficients, The Legendre equation	Lecture	20	25/03/2022- 30/04/2022	Group discussion Unit test
2	Linear Equations with Regular Singular Points: Introduction, The Euler Equation, Second order equations with regular singular points (An example)	Lecture/Online	20	02/05/2202- 06/06/2022	Seminar Unit test
2	Second order equations with regular singular points-general case, The Bessel equation.	Online	10	07/06/2022- 30/06/2022	Unit test


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2021-2022

Class: B.Sc.

Department of Computer Science

Paper No.: CS01 (I Sem.)

Name of Faculty: Mr. I. S. Inamdar

Paper Name: Computer Fundamentals

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Fundamentals of Computer System: <ul style="list-style-type: none">• Introduction., Characteristics & features of Computers, Components of Computers.• Organization of Computer	Lecture	04	July	
	Algorithm: Definition, Characteristics, Advantages and disadvantages, Examples	Lecture	01	August	
	Flowchart: Definition, Define symbols of flowchart, Advantages and disadvantages Examples	Lecture	05	September	
	Generation of Computers : First to Fifth, Classification of Computers, Distributed & Parallel computers	Lecture	01	September	
2.	Computer Languages Types of Programming Languages <ul style="list-style-type: none">o Machine Languageso Assembly Languageso High Level Languages Assembler, Linker, Loader, Interpreter & Compiler	Lecture	02	November	
	Memory Cell & Organization Types of Memory (Primary And Secondary) RAM, ROM,PROM,EPROM, Secondary Storage Devices (FD, CD, HD, Pen drive, DVD, Tape Drive, DAT)	Lecture	13	July	
3.	<ul style="list-style-type: none">• Input Devices :<ul style="list-style-type: none">o Touch screen , OMR, OBR , OCR, Light pen• Output Devices :<ul style="list-style-type: none">o Scanners, Digitizers, Plotters, LCD, Plasma Display, Printers, Structure of Instruction, Description of Processor, Processor, Features, RISC & CISC	Lecture	03	August	

Operating system Concepts

Why Operating System

- Functions of Operating System
- Types of Operating System
 - o Batch O.S.
 - o Multiprogramming O.S.
 - o Time Sharing O.S
 - o Personal Computers O.S.
 - o Network O.S.

Lecture

12

September

Signature of Faculty

HEAD

Department of Computer Science
SKM Gunjoi

Principal

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Shrikrishna Mahavidyalaya,
Gunjoti, Tq. Omerga.



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2021-2022

Class: B.Sc.

Department of Computer Science

Paper No.: CS05 (II Sem.)

Name of Faculty: Mr. I. S. Inamdar

Paper Name: Programming in C

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Introduction: An Overview of C , History of C language, C as a Structured Language, Features of C.	Lecture	04	July	
2.	Basic Elements & Operators • Character set, C Token, Identifier & Keywords, Variables • Constant and its types. Integer constant, floating point constant, character constant, String constants. • Operators: Arithmetic, Relational, And Logical, Unary operators: Increment & decrement Assignment and Conditional operator. • Precedence & Associativity of Operators	Lecture	10	August	
3.	Data Types • Data Types: int, char, float, double. Declaration & Initialization. • Type modifiers: long, short, signed and unsigned	Lecture	03	September	
4	Structure of C Program: Compilation & Execution of C program, I/O: Introduction, Formatted Input/Output function: scanf & printf, Escape sequence characters. Library functions: General used & Mathematical.	Lecture	05	September	
5	Control and Iterative Statements : Simple if, nested if, if-else, else if ladder • Switch-case statement • The conditional expression (? : operator) • while and do-while loop, and for loop • break & continue statement, goto statement	Lecture	08	October	

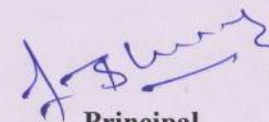
6	<p>Arrays: Introduction, Declaration and initialization Accessing array elements, Memory representation of array. • One dimension and multidimensional arrays, character array, Introduction to string</p> <p>Functions Introduction, types of functions. Defining functions, Arguments, Function prototype, actual parameters and formal parameters, Calling function, Returning function results, Call by value, Recursion</p>	Lecture	12	November	
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Signature of Faculty

HEAD

Department of Computer Science
SKM Gunjoti.



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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2021-2022

Class: B.Sc.

Department of Computer Science

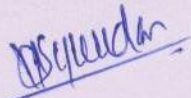
Paper No.: CS07 (III Sem.)

Name of Faculty: Mr. I. S. Inamdar

Paper Name: Advance C Programming

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Functions Introduction, types of functions. Defining functions, Arguments, Function prototype, actual parameters and formal parameters, Calling function, Returning function results, Call by value, Recursion. Structure & Union Structure: Introduction, Declaration and initializing structure, Accessing structure members, Nested structures, Arrays of structure, typedef statement. Unions: Declaration, Difference between structure and union	Lecture	12	July	
2.	Pointers: Introduction, Memory organization. Declaration and initialization of pointers. The pointer operator * and &, De-referencing, Pointer expression and pointer arithmetic, Pointer to pointer. Storage Class & Library Functions: Storage classes, Scope, visibility and lifetime of variable, block and file scope, auto, extern, static and register storage classes. String handling functions: strcpy(), strcmp(), strcat(), strlen(),strupr(), striwr(), gets(), puts() Data conversion functions from stdlib.h: atoi(), atol(), atof(), itoa(), Itoa(), random(), calloc(),malloc(),exit(), abs(), toupper(), tolower()	Lecture	15	August Sptember	

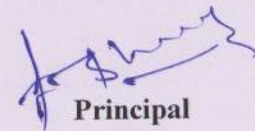
	Preprocessor Directives: File inclusion and conditional compiler directives, Macro substitution, #define, #if, #ifdef, #else, #elif, #endif				
3.	File handling: Introduction, Opening & closing a file, Input/Output operations on files, text and binary files, getc(), putc() function. File copy program, fprintf() and fscanf(). fread() and fwrite() function. Writing and reading records from binary file, Appending, modifying and deleting a record from file, Random access functions fseek(), rewind(), fflush(), remove(), rename(). Command line arguments: use of argc and argv. Graphics in C: Introduction: initgraph() and detectgraph() function, Drawing object in C, Line, Circle, Rectangle, Ellipse, Changing foreground & background colors, Filling object by color, outtextx() function.	Lecture	15	October	



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Teaching –Plan Academic Year 2021-2022

Class: B.Sc.

Department of Computer Science

Paper No.: CS09 (III Sem.)

Name of Faculty: Mr. I. S. Inamdar

Paper Name: Adv C Programming(Practical)

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Write a Program in C to call by reference to swap a number.	Demonstration	06	June and July	
2.	Write a Program in C to pass a array to function.	Demonstration	03	July	
3.	Write a Program in C to demonstrate a storage of class.	Demonstration	03	August	
4.	Write a Program in C for reading and writing a file	Demonstration	03	August	
5	Write a Program in C for passing structure pointer to function (use arrow pointer)	Demonstration	06	September	
6	Write a Program in C to copy content of one file to another	Demonstration	06	September	
7	Write a Program in C for reading/ writing binary file	Demonstration	03	September	
8	Write a Program in C for file copy	Demonstration	03	October	
9	Write a Program in C to use command line arguments	Demonstration	06	October	
10	Write a Program in C to writing, reading content of file (use getc and putc function)	Demonstration	06	October	

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Teaching –Plan Academic Year 2021-2022

Class: B.Sc.

Department of Computer Science

Paper No.: CS011 (IV Sem.)

Name of Faculty: Mr. I. S. Inamdar

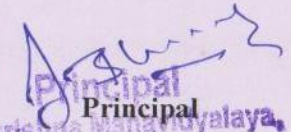
Paper Name: Programming in C++

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Procedural Vs Object Oriented Programming, Basic concepts of Object Oriented Programming, Class, Object, Data Abstraction, Encapsulation, Inheritance, Polymorphism, Dynamic Binding, Message Passing. Benefits and applications of OOP, History and overview of C++, C++ program structure. Reference variables, Scope resolution operator, Member de-referencing operators, new and delete, cin and cout, The endl and setw manipulator. Functions in C++: Function prototype, Call by reference (using reference variable), Return by reference, Inline function, Default arguments, Const arguments.	Lecture	15	October, November	
2.	Function overloading: Different numbers and different kinds of arguments Objects and Classes: Specifying a class, private and public, Defining member functions, Nesting of member function, Object as data types, Memory allocation for objects, static data members and member functions. Array of objects, Objects as function argument, returning objects, Friend function and its characteristics.	Lecture	15	December January	

3.	Constructors and Destructors: Introduction, default and parameterized constructors, Multiple constructors in a class, Copy Constructor, Destructors Operator Overloading: Overloading unary operators, Rules for operator overloading, Overloading without friend function and using friend function, Overloading binary operators such as arithmetic and relational operators, Concatenating	Lecture	13	February	
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Teaching –Plan Academic Year 2021-2022

Class: B.Sc.

Department of Computer Science

Paper No.: CS013 (IV Sem.)

Name of Faculty: Mr. I. S. Inamdar

Paper Name: Programming in CPP (Practical)

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Write a Program in C++ to prepare student result	Demonstration	6	October	
2.	Write a Program in C++ for reference variable	Demonstration	5	October	
3.	Write a Program in C++ for setw() function	Demonstration	6	November	
4.	Write a Program in C++ to demonstrate inline function	Demonstration	6	December	
5	Write a Program in C++ for object and class	Demonstration	6	January	
6	Write a Program in C++ to implement function overloading.	Demonstration	6	January	
7	Write a Program in C++ to use of array of object	Demonstration	6	January	
8	Write a Program in C++ to use of friend function	Demonstration	5	February	
9	Write a Program in C++ to use of constructor	Demonstration	5	February	
10	Write a Program in C++ to use of destructor	Demonstration	3	February	

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Teaching –Plan Academic Year 2021-2022

Class: B.Sc

Department of Computer Science

Paper No.: CS016 (V Sem.)

Name of Faculty: Mr. I. S. Inamdar

Paper Name: Web Designing

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/	Remarks
1.	<p>Introducing HTML5</p> <p>Understanding HTML, XHTML, and HTML5, Introducing semantic markup, Syntax, Attributes, Working with elements, Creating an HTML document, Embedding content, Embedding HTML by using inline frames, Working with hyperlinks, Adding images to your HTML document, Embedding plug-in content Advances of HTML5</p> <p>HTML5 Layout container, Format using <div> element, Working with Tables: creating regular and irregular tables, heading, columns and rows, captions, header, footer.</p>	Lecture	15	July August	
2.	<p>Introducing JavaScript</p> <p>Basic of JavaScript, JavaScript Variables, Operators & Its Precedence, Special Values, Predefined Built-in functions, Functions Declaration & Call, String Functions</p> <p>Conditions and looping structure, Inline JavaScript & External JavaScript</p> <p>Advances in JavaScript</p> <p>Object in JavaScript, Concept of array, how to use it in JavaScript, types of an array, array methods DOM Concept in JavaScript, DOM Objects, DOM Search Methods</p> <p>Event handling in JavaScript: Capturing & Bubbling, Subscribing, Unsubscribing and Cancelling Event, Windows Event, Keyboard and Mouse Events.</p>	Lecture	15	August september	
3.	<p>Cascading Style Sheet</p> <p>Introduction to CSS3, Defining and Applying a Style, Inline, Embedded and External Style Sheet. Selectors: element, id and class selector, grouping selector, attribute, Specificity and cascading, CSS properties: Color, box Model, border, , float, clear</p>	Lecture	15	September October	

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Teaching –Plan Academic Year 2021-2022

Class: B.Sc.

Department of Computer Science

Paper No.: CS018 (V Sem.)

Name of Faculty: Mr. I. S. Inamdar

Paper Name: Web Designing

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Create a simple website by using Visual Studio Express	Demonstration	03	June and July	
2.	Create additional pages.	Demonstration	03	July	
3.	Embedding Content.	Demonstration	03	August	
4.	Create a webpage using <table> and <div> elements	Demonstration	03	August	
5.	Create a webpages using conditional and looping statements.	Demonstration	03	September	
6.	Create a calculator webpage	Demonstration	03	September	
7.	Create a Webpage to introduce National Bird/Animal/Emblem/ Flower	Demonstration	03	September	
8.	Learn more about positioning by adding more <div> elements to the webpage to define a header and footer for the page. Use CSS style rules to set the position	Demonstration	03	October	
9.	Learn more about CSS selectors by adding more elements to the page and try setting the format by selecting the elements without using an id.	Demonstration	03	October	
10	Learn more about colors by changing the color scheme, using RGB values.	Demonstration	03	October	

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Teaching –Plan Academic Year 2021-2022

Class: B. Sc.

Department of Computer Science
Paper No.: CS019 (VI Sem.)

Name of Faculty: Mr. I. S. Inamdar
Paper Name: Data Communication and Networking

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Introduction Communication System, Components of communication system, Computer network Advantage and applications of computer n/w. point-to-point and multipoint line configuration, LAN, MAN and WAN. Analog and Digital signals, Data Transmission: Parallel and Serial, Synchronous and Asynchronous transmission, Transmission Mode: Simplex, half-duplex and full-duplex. Network Topologies, Mesh, Star, Tree, Bus and Ring and Hybrid Topology (Advantages and disadvantages of each)	Lecture	15	October, November	
2.	Transmission media <i>Guided and unguided media, Twisted-pair, UTP and STP cable, coaxial cable, Optical Fiber cable, Radio waves, Microwaves, Satellite Communication (Transmission characteristics and advantages of each type)</i> Modulation & Multiplexing Concept of modulation and demodulation, Digital-to-analog conversion, Amplitude Shift Keying (ASK)/AM, Frequency Shift Keying (FSK)/FM, Phase Shift keying (PSK)/PM.	Lecture	15	December January	
3.	The Mobile Telephone System: First Generation (1G), Second Generation(2G), Third Generation(3G), Internet over cable, Spectrum Allocation, cable Modem, ADSL Versus Cable.	Lecture	15	February	

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Teaching –Plan Academic Year 2021-2022

Class: B.Sc.

Department of Computer Science

Paper No.: CS022 (VI Sem.)

Name of Faculty: Mr. I. S. Inamdar

Paper Name: Project

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Case study	Demonstration	15	November, December January	
2.	Project	Demonstration	24	January February March	

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