

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

Academic Planning and Evaluation Committee

Academic Year 2019-2020

The constituted Academic Planning and Evaluation Committee for the Academic Year 2019-2020 is as under.

- | | |
|------------------------|--------------|
| 1. Dr.D.R. Kulkarni | Chairman |
| 2. Dr. R.S.Madale | 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 diary of the faculties.

Madle R S
Co-ordinator
Dr-madle R S


PRINCIPAL
Shrikrishna Mahavidyalaya
Gunjoti Tq. Omerga

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Tq. Omerga Dist. Osmanabad
Teaching Days Calendar 2019-20

Sr. No.	Months	Teaching Days	Total Days	Sunday	Holiday
First Term – 15 June 2019 to 19 October 2019					
1	June	25,26,27,28,29	05	30	
2	July	1,2,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,20,22,23,24,25,26,27,29,30,31	27	7,14,21,28	
3	August	1,2,3,5,6,7,8,9,10,13,14,16,19,20,21,22,26,27,28,29,30,31	22	4,11,18,25	12,15,17,23,24
4	September	3,4,5,6,7,9,11,12,13,14,16,18,19,20,21,23,24,25,26,27,28,30	22	1,8,15,22,29	2,10,17
5	October	1,3,4,5,9,10,11,12,14,15,16,17,18,19	14	6,13	2,7,8
Total			90		

First term - Total working days 98, Total teaching days 90, Total exam days 15
Total Admission days - 20

Winter Vacation 21 October 2019 to 10 November 2019

Second Term – 11 November 2019 to 01 May 2020

6	November	11,13,14,15,16,18,19,20,21,22,23,25,26,27,28,29,30	17	17,24	12
7	December	2,3,4,5,6,7,9,10,11,12,13,14,16,17,18,19,20,21,23,24,26,27,28,30,31	25	15,18,22,29	25
8	January	1,2,3,4,6,7,8,9,10,11,13,15,16,17,18,20,21,22,23,24,25,27,28,29,30,31	26	5,12,19,26	14
9	February	1,3,5,6,7,8,10,11,12,13,14,15,17,18,20,21,22,24,25,26,27,28,29	23	2,9,16,23	4,19
10	March	2,3,4,5,6,7,9,10,11,12,13,14	12	1,8	
Total			103		

Second term - Total working days 136, Total teaching days 103, Total exam days 25

Second Term Examinations 25

Summer Vacation 02 May 2020 to 14 June 2020

Total Working Days	= 234	32 Weeks for Teaching
Total Teaching Days	= 193	15 Weeks for Admission & Examination
Examination Days	= 40	10 Weeks for Vacation
Curricular and Extra curricular activities = 35		02 Weeks for Holiday
Winter vacation days	= 21	
Summer Vacation Days	= 44	

Shrikrishna Mahavidyalaya, Gunjoti

Tq. Omerga, Dist. Osmanabad

Curricular and extra - curricular activities.

Annual Planning Academic year 2019-2020.

15 June 2019	:	Opening day and academic meeting of the staff under Chairmanship of the Principal and beginning of admission process Annual planning of each department.
01 June to 18 June 2019	:	Registration of CET Examination
20 June 2019	:	Conduction of CET Examination : P.G. Courses (excluding CET Exam conducted by Central Govt. And State Govt.) Complete the admission process
15 June to 20 June 2019	:	Result Analysis every department wise and college wise
15 June to 01 July 2019	:	Admission UG and PG
16 June 2019	:	Maharana Pratap Singh Jayanti (Sunday)
18 June 2019	:	Time Table Framing
25 June 2019	:	Beginning of Lectures at College for - II YEAR (UG and PG)
26 June 2019	:	Anti-Intoxication Day and celebration of Shahu Maharaj birth Anniversary. (Chemistry / Cultural Dept.)
29 June 2019	:	Report on syllabus progress / DTR Verification
01 July 2019	:	A special programme on the occasion of Agriculture Day (Bot Dept.) / Vasantao Naik Jayanti, Plantation programme
01 July 2019	:	Induction Programme (UG)
02 July 2019	:	Induction Programme (PG)
02 July 2019	:	UG Teaching commencement I YEAR (UG and PG)
11 July 2019	:	Arrangement of lecture on the occasion of World Population Day on behalf of NSS department / Geography Dept.
13 July 2019	:	Pre-knowledge Test of the newly admitted students by all departments in class
20 July 2019	:	Students-parents Meet (by Association) present and Ex students.
22 July 2019	:	A Workshop for the scholarship-holder students (by committee)
23 July 2019	:	Lokmanya Tilak Jayanti
25 July 2019	:	NSS Registration / Earn and Learn registration
26 July 2019	:	A lecture on the occasion of Kargil Victory Day (History Dept)
31 July 2019	:	Formation of Students Council as per university guideline or as per date.
31 July 2019	:	Report on syllabus progress / DTR Verification / Eligibility submit date 31 July
01 August 2019	:	Lokmanya Tilak Punayatithi and Annabhau Sathe Jayanti
03 August 2019	:	Krantisinh Nana Patil Jayanti
03 August 2019	:	Opening of associations.
09 August 2019	:	A programme on the occasion of 'Revolution day' (History Dept)
12 August 2019	:	Class wise first test, in respective classes.
12 August 2019	:	Bakari Eid
14 August 2019	:	One day NSS Camp and selection of students for 'Earn and Learn' scheme
15 August 2019	:	Flag hosting and cleanliness of campus / Plantation
17 August 2019	:	Parsi Nav Varsha Din
20 August 2019	:	Sadbhavana Diwas, Rally by NSS
16 August 2019	:	Opening function of students council. (as per schedule) declared by University

23 August 2019	: 'University Foundation Day' arrangement of special programmes in behalf of the departments of NSS and culture activity committee.
24 August 2019	: Shrikrishna Janmasthanmi. (Local Holiday)
28 August 2019	: Arrangement of lectures by associations.
29 August 2019	: World Sport Day : Special Programmes by sports dept.
30 August 2019	: Arrangement of Elocution and Debate competitions and team selection (by literary association) Report on Syllabus progress / DTR verification
02 September 2019	: Ganesh Chaurthi
05 September 2019	: Teacher's day
07 September 2019	: Raje Umaji Naik Jayanti
08 September 2019	: International Literacy Day : NSS Programme Lecture/Rally/ Campaign. (Sunday)
10 September 2019	: Moharam (Holiday)
14 September 2019	: Hindi Day (by Hindi dept) special programme.
17 September 2019	: Marathwada Liberation Day, Special programme. (Holiday)
19 September 2019	: Conduct of collegiate Story Narration and Poetry Reading competitions. (English and Marathi Dept)
21 September 2019	: Arranging the camps of Competitive Examinations and Vocational Guidance (Competitive exam / career guidance cell)
24 September 2019	: NSS Day (by NSS Unit) special lecture
25 September 2019	: Pandit Dindayal Upadhya Jayanti
28 September 2019	: Expert guidance under various associations of the college by committee
30 September 2019	: Report on syllabus Progress / DTR Verification
02 October 2019	: Programmes on the occasions of birth anniversaries of Mahatma Gandhi and Lal Bahadur Shastri / Gandhian Studies Center
08 October 2018	: Dasara (Holiday)
15 October 2019	: Dr.A.P.J.Abdul Kalam Jayanti
24 October 2019	: Maharshri Valmiki Jayanti
31 October 2019	: Indira Gandhi Punayatithi, Vallabhabhai Patel Jayanti, Rashtriya Ekta Divas
27 October 2019	: Dipawali / Laxmipujan (Holiday) (Sunday)
28 October 2019	: Balipratipada (Holiday)
29 October 2019	: Bhaubij (Holiday)
21 Oct To 10 Nov. 2019	: Period of Winter Vacation / Study Tour
10 November 2019	: Id-Milad (Sunday)
11 Nov to 02 Dec 2019	: End term Examination
12 November 2018	: Guru Nanak Jayanti (Holiday)
14 November 2019	: Pandit Jawaharlal Nehru Jayanti
15 November 2019	: Birsa Munda Jayanti
19 November 2019	: Indira Gandhi Jayanti, Rashtriya Ekatmata Din
26 November 2019	: Sanvidhan Din
30 November 2019	: Report on Syllabus Progress / DTR Verification
01 December 2019	: Street Play and Awareness Rally on the occasion of World AIDS Day (NSS Unit) (Sunday)
12 December 2019	: World Consumer Day : Conduct of Programmes (History Dept)
11 & 12 December 2019	: Conduct of the Third Test at the respective classes.
18 December 2019	: National Integration Day : Conduct of various programmes (Pol.Sci. Dept)
18-24 December 2019	: NSS Camp or as per university guidelines
25 December 2019	: Christmas (Holiday)
31 December 2019	: Report on Syllabus Progress

December third week	: Avishkar
03 January 2020	: <i>Savitribai Phule Jayanti</i>
12 January 2020	: <i>Birth Anniversary of Vivekanand : Arrangement of Programmes (NSS and Vivekanand Studies Center) (Sunday)</i>
14 January 2020	: Lectures on the occasion University Renaming Day.
26 January 2020	: Republic Day : Flag hosting and conduct of other programmes on nationality
28 January 2020	: Convening subject-wise seminars in class
30 January 2020	: Death Anniversary of Mahatma Gandhi : Various Programmes
30 January 2020	: Report on Syllabus Progress / DTR Verification
05-07 February 2020	: Annual Gathering Function as per schedule
19 February 2020	: Birth Anniversary of Chhatrapati Shivaji Maharaj: Various Programmes
04 February 2020	: Mahashivratri (Holiday)
27 February 2020	: Marathi as Official Language Day : Programmes on behalf of the Dept. of Marathi
28 February 2020	: World Science Day : Various Scientific Programmes (Physics /Comp. Dept) (Sunday)
28 February 2020	: Report on Syllabus Progress / DTR Verification
01-10 March 2020	: Local Preliminary Examinations / Fourth unit test
08 March 2020	: World Women's Day : Special Program Women development committee (Sunday)
16 Mar – 20 April 2020	: Term end examination
17 March 2020	: World Physically Challenged Day (Geography Dept)
21 March 2020	: Dhulivandan (Holiday)
31 March 2020	: Report on Syllabus Progress / DTR Verification
06 April 2020	: Gudi Padwa (Holiday)
07 April 2020	: World Health Day : Special Programmes (Zoology Dept)
11 April 2020	: Mahatma Phule Jayanti
14 April 2020	: <i>Dr. Babasaheb Ambedkar Birth Anniversary : Special Programmes</i>
17 April 2020	: Mahavir Jayanti
19 April 2020	: Good Friday (Holiday) (Sunday)
23 April 2020	: Submission of DTR, API, Self Appraisal, Report on Syllabus completion, Meeting of the Staff.
02 May to 14 June 2020	: Summer Vacation.
01 May 2020	: Maharashtra Day;
15 June 2020	: Opening Day of 2020-21 Academic Year

N.B. : The activities given above be implemented besides completion of the assigned teaching work.

- 1 July Induction Programme for U.G. Students.
- 2 July Induction Programme for PG Students.
- Every Saturday Internal Evaluation Test, tutorials, Seminars & Project work in respective classes.
- Every second & fourth Saturday, Student Centric, Extension & co-curricular activities. Seminar, conferences, workshop will be organized in the month of December and January.
- Ist Term – 15/06/2019 to 19/10/2019
- Winter Vacation (Both day inclusive) – 21/10/2019 to 10/11/2019
- Re-opening day – 11/11/2019
- IInd term (Both day inclusive) – 11/11/2019 to 01/05/2020
- Summer Vacation (Both day inclusive) – 02/05/2020 to 11/06/2020.

Shrikrishna Mahavidyalaya, Gunjoti

Tq. Omerga, Dist. Osmanabad

Appendix - "A"

Academic Calendar For the Year 2019-2020

First Term		
1.	Opening Day of Affiliated Colleges and Recognized Institutions as per the Provisions of Ordinance-169	15-06-2019
2.	First Term (Both days inclusive)	15-06-2019 to 19-10-2019
3.	Admission of P.G. Courses (III Semester) and U.G. Classes (III & V Semester)	15-06-2019 to 01-07-2019
4.	Commencement of P.G. Classes (III Semester) and U.G. Classes (III & V Semester)	02/07/2019 to 19/10/2019
5.	Notification of Common Entrance Test.	As per schedule
6.	Registration of CET Examination	01/06/2019 to 18/06/2019
7.	Conduction of CET Examination : P.G. Courses (excluding CET Exam conducted by Central Govt. And State Govt.) Complete the admission process	20/06/2019
8.	Induction programme (UG)	01/07/2019
9.	Induction Programme (PG)	02/07/2019
10.	Submission of Eligibility Forms by the students at college.	30-07-2019
11.	Last date for submission of Eligibility Forms by College to University	16-08-2019
12.	Winter Vacation (Both days inclusive)	21-10-2019 to 10-11-2019
13.	Re-opening of College	11/11/2019
14.	Term End Examination (I, III, V Semester)	11/11/2019 to 05/12/2019
15.	Declaration of First Term End Examination	11/11/2019 to 05/12/2019
Second Term		
16.	Second Term (Effective Teaching Period) (Both days inclusive)	11-11-2019 to 01-05-2020
17.	Commencement of classes for all courses	06/12/2019 to 14/03/2020
18.	Declaration of Term end Examination Programme	16/03/2020 to 20/04/2020
19.	Declaration of the Result of Second Term end Examination	01/06/2020
20.	Term End Examination (II, IV VI Semester)	As per schedule
21.	Summer Vacation (Both days inclusive)	02-05-2020 to 14-06-2020
22.	As per the provisions of Ordinance - 169 First Opening day for the Academic year 2019-2020	15-06-2020

N.B.	1.	The Colleges must adopt at least 180 working days, i.e. there should be a minimum of 30 weeks of actual teaching in a 6 day week of the remaining period, 12 weeks may be devoted to admission and examination, activities and non-instructional days for co-curricular, sports, college day etc. 10 Weeks for vacations and 2 weeks may be attributed to various public holidays approximately.
	2.	All faculty members should maintain 40 working hours and 20 teaching hours record in a week in the daily teaching report.
	3.	The examination of all students shall be conducted by the Examination Section as per their own schedule.
	4.	Circular of Public Holidays and other Cultural Programmes are enclosed herewith for your information & necessary action.
	5.	The result of the students of each term should be declare by the University within 30 days from the last date of the examination for that particular course as per the Provisions of Section-72 of the Maharashtra Universities Act, 1994. It should be mandatory & obligatory on the concerned authority.
	6.	It is also informed that where less than 10 students for any course run at college level the University could not take the examination of the such students, as per the decision of Academic Council at its meeting held on 19-06-2012 which may please be note.
	7.	For any inconvenience is caused within the students and college administration a Biometric System should be follows for the attendance of the students.
	8.	Students Centric activities shall be conducted on every Second & Fourth Saturday by the Department.
	9.	On the basis of this Academic Calendar every department shall prepare detail academic calendar along with examination programme for the year 2019-2020.



SHRIKRISHANA MAHAVIDYALAYA, GUNJOTI

Tq. Omerga, Dist. Osmanabad

Date : 29/07/2019.

NOTICE

All the teaching staff member of our College is informed the the Daily Teaching Report, Attendances Academic Calendar for 180 days, Teaching Day Calendar and Annual Teaching Plan for the Academic year 2019-2020 are being distributed. The information filled Annual Teaching Plan and Academic Calendar for 180 days must be ssubmitted to Dr.B.J.Ugle on or before 05/08/2019.

Sr.No.	Name and Address for Emppoyee	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.Ku.A.M.Chisti		
14	Prof.N.J.Pawar		
15	Prof.S.S.Badodkar		
16	Dr.A.R.Kaldate		
17	Dr.J.A.Nanware		
18	Prof.R.N.Nigde		
19	Dr.R.S.Madle		
20	Dr.R.D.Patre		

Dr. B. J. Ugle
29/07/2019

Sr.No.	Name and Address for Employee	Signature	Remark
21	Dr.V.S.Hogade	<u>Bhogade</u>	
22	Prof.Y.A.Vijapure	<u>[Signature]</u>	
23	Dr.B.J.Ugale	<u>[Signature]</u>	
24	Dr.R.H.Kadam	<u>[Signature]</u>	
25	Dr.D.P.Chavan	<u>[Signature]</u>	
26	Dr.Ku.M.G.Ambuse	<u>[Signature]</u>	
27	Prof.I.S.Inamdar	<u>[Signature]</u>	
28	Prof.B.G.Botewad	<u>[Signature]</u>	
29	Prof.Ku.V.V.Gaikwad	<u>[Signature]</u>	
30	Prof.Ku.S.L.Sayyad	<u>[Signature]</u>	
31	Dr.L.A.Dhale	<u>[Signature]</u>	
32	Prof.Ku.P.G.Rathod	<u>[Signature]</u>	
33	Prof.M.B.Bhalerao	<u>[Signature]</u>	
34	Prof.R.S.Patre		
35	Prof.Ku. Rohini. C.B.	<u>Rohini C.B.</u>	
36	Prof.R.D.Kamble	<u>[Signature]</u>	
37	Prof.Ku.P.A.Gunjkar	<u>[Signature]</u>	
38	Prof.Ku.Siddhiki	<u>[Signature]</u>	
39	Prof.S.P.Hotage	<u>[Signature]</u>	
40	Prof.S.D.Kode	<u>[Signature]</u>	
41	Prof.K.R.Shanediwan	<u>[Signature]</u>	
42	Prof.K.L.Kadam	<u>[Signature]</u>	5
43	Prof.H.B.Deshmukh	<u>[Signature]</u>	10
		<u>[Signature]</u>	4



SHRIKRISHANA MAHAVIDYALAYA, GUNJOTI

Tq. Omerga, Dist. Osmanabad

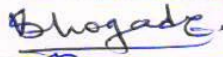

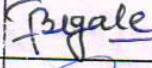
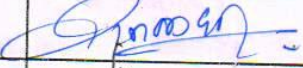
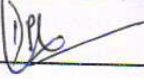

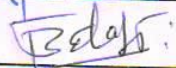
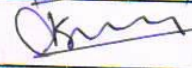
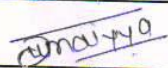
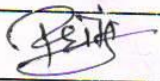

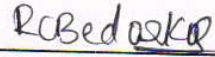

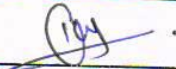
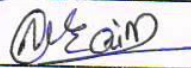
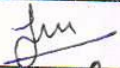
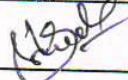



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14	Prof.N.J.Pawar		10
15	Prof.S.S.Badodkar		12
16	Dr.A.R.Kaldate		
17	Dr.J.A.Nanware		
18	Prof.R.N.Nigde		06
19	Dr.R.S.Madle		
20	Dr.R.D.Patre		

Staff
Copy submitted
29/07/2019

Sr.No.	Name and Address for Employee	Signature	Remark
21	Dr. V.S.Hogade		
22	Prof. Y.A. Vijapur		
23	Dr. B.J. Ugale		
24	Dr. R.H. Kadam		
25	Dr. D.P. Chavan		
26	Dr. Ku. M.G. Ambuse		
27	Prof. I.S. Inamdar		
28	Prof. B.G. Botewad		15
29	Prof. Ku. V.V. Gaikwad		
30	Prof. Ku. S.L. Sayyad		10
31	Dr. L.A. Dhale		
32	Prof. Ku. P.G. Rathod		
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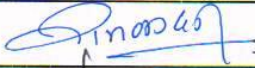
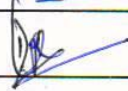

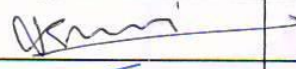
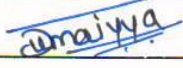
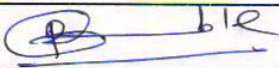
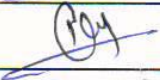
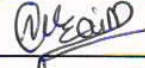
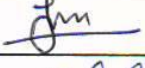
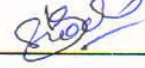

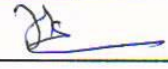
Date : 07/08/2019.

NOTICE

All the teaching staff member of our College is informed to submit the Monthly Report During the date 01 to 05 in every month to the Principal.

Sr.No.	Name and Address for Employee	Signature	Remark
1	Dr.D.R.Kulkarni		
2	Prof.H.S.Bhosale		
3	Dr.B.E.Konale	 05/08/2019	
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	 8/8	
10	Dr.D.M.Pathan		
11	Dr.G.M.Rathod		
12	Dr.P.S.Raut		
13	Dr.Ku.A.M.Chisti		
14	Prof.N.J.Pawar		
15	Prof.S.S.Badodkar		
16	Dr.A.R.Kaldate		
17	Dr.J.A.Nanware		
18	Prof.R.N.Nigde		
19	Dr.R.S.Madle		
20	Dr.R.D.Patre		

PRINCIPAL
Shrikrishana Mahavidyalaya
Gunjoti, Omurga

Sr.No.	Name and Address for Employee	Signature	Remark
21	Dr.V.S.Hogade		
22	Prof.Y.A.Vijapure		
23	Dr.B.J.Ugale		
24	Dr.R.H.Kadam		
25	Dr.D.P.Chavan		
26	Dr.Ku.M.G.Ambuse		
27	Prof.I.S.Inamdar		
28	Prof.B.G.Botewad		
29	Prof.Ku.V.V.Gaikwad		
30	Prof.Ku.S.L.Sayyad		
31	Dr.L.A.Dhale		
32	Prof.Ku.P.G.Rathod		
33	Prof.M.B.Bhalerao		
34	Prof.R.S.Patre		
35	Prof.Ku. Rohini Lokhande		
36	Prof.R.D.Kamble		
37	Prof.Ku.P.A.Gunjkar		
38	Prof.Ku.Siddhiki		
39	Prof.S.P.Hotage		
40	Prof.S.D.Kode		
41	Prof.K.R.Shanediwan		
42	Prof.K.L.Kadam		
43	Prof.H.B.Deshmukh		

PRINCIPAL

PRINCIPAL 2.....

Shrikrishna Mahavidyalaya
Gunjoti Tq. Omarga

DTR and Attendance

28/06/2019

Signature

① Dr. Kulkarni D.R. -

② Dr. Lohar K.S. -

③ Dr. Hogade V.S. -

④ Mr. Vijayveer Y.A. -

⑤ Dr. Patange S.M. -

⑥ Dr. Kadam R.H. -

⑦ Mr. Bhosale H.S. -

⑧ Dr. Nanwaze J.A. -

⑨ Dr. Rathod G.M. -

⑩ Dr. Chavan D.P. -

⑪ Dr. Ambuse M.G. -

⑫ Dr. Pathan D.M. -

⑬ Dr. Madle R.S. -

⑭ Dr. Vgate B.J. -

⑮ Dr. Konale B.B. -

⑯ Dr. Khat M.C. -

⑰ Mr. Pawar N.J. -

⑱ Mr. Chaudhari P.G. -

⑲ Dr. Chishti A.M. -

⑳ Dr. M.T. Surywanshi -

㉑ Mr. R.G. Koli -

㉒ Dr. Raut P.S. -

㉓ Mr. Nigde R.N. -

㉔ Mr. Badodkar S.S. -

㉕ Mr. Shamdar J.S. -

Bhogade

Patange

Patange

Patange

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Patange
02/07/2019

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Patange

26	Sayyad sumaiyya L	(physics)	-	<u>sumaiyya</u>
27	Geaikwad V.V.	(phy)	-	<u>Geini</u>
28	Shamediwam K.R.	(maths)	-	Shamediwam
29	काश के एम	Geography	-	काश के एम
30	देवपुरा. लक्ष्मी	"	-	<u>दे</u>
31	Hotage S.P.	comp-sci.	-	<u>Hotage</u>
32	Siddiqui A.A.	Comp. Sci	-	<u>Siddiqui</u>
33	Batewad B G.	History	-	<u>Batewad</u>
34	Kode. S.D	comp-sci	-	Kode
35	Dhale. L.A.	chemistry	-	<u>Dhale</u>
36	Bhalerao M.B.	chemistry	-	<u>Bhalerao</u>
37	Gunjkar P.A.	English	-	Gunjkar
38	Rathod priti G	chemistry	-	<u>Rathod</u>
39	Rohini. C.B.	chemistry	-	<u>Rohini</u>
40	R.D. Kamble	English	-	<u>R.D. Kamble</u>



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

(09)

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : Marathi Class : B.A./B.Sc. / M.A./ M.Sc. IST

Semester : I Paper No : I Paper Name : Sk - Marathi

Name Of Faculty : Chaudhari P.P. राज्य - पद्य व व्यंग्योक्ति मराठी.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1	अखिक रक्षण - महिना	व्याख्यान	04	July 1, 2, 3, 4	
2.	अर्जुनस्य - संत एकनाथ	"	03	8, 9, 10	
3.	राजाची कलव्ये - रामचंद्रपंत कमाव्ये	"	04	11, 15, 16	
4.	जिजाऊ कामुची रूग जोळी - वीकनघोस	"	03	17, 18, 22	
5.	लुमी सदाचरणाने वागा - लाराबाई शिंदे	"	02	23, 24	
6.	परमेश्वराचे भक्तिव्य - क्षी.म. मारु.	"	04	25, 29, 30, 31	
1.	धुकी आलीक श्ल - मुकुंदराज	"	02	Aug 5, 6	
2.	कृश्चक भूमिवर - संत नामदेव	"	02	7, 8	
3.	आनंद कोषीया - संत जिमिळा	"	01	13, 14	
4.	भासा बांधोजी मराठीया - फादर स्टेफनस	"	02	19, 20	
5.	पूर्वभाष्यदिशा - संत जमीननादिन	"	02	21, 22	
6.	पांडसुखा - संत दासोपंत	"	02	26, 27	
7.	यातिनेद कळकर्त - रामानंद स्वामी	"	02	28, 29	
8.	ऐसे केळे या गोवाळे - संत शेरम महंमद	"	01	24, 3	
9.	मग कराडे मयल - संत लक्ष्मणराव	"	02	4, 5,	
10.	वृद्ध्या मीतिचे - होजाजी बाळा	"	02	9, 11,	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2010)

Faculty : Arts / Science

Department : Marathi

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

Semester : II

Paper No : II

Paper Name : Sk - Marathi

Name Of Faculty : Chaudhaki P.P.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
	31थ विभाग				
1	शिवलये कविता - संतु गाडगे वावा	व्यख्यात	03	Nov-11, 13, 14	
2	देशाचे भविष्य - डा. वाघासाहेब जोषेकर	"	04	18, 19, 20, 21	
3	लोकभाषा हीच ज्ञानभाषा - गा. नयका	"	04	26, 27, 28, डिसें 02	
4	कोवळे मरण - डा. भाळचंद्र नेमाडे	"	04	3, 4, 5, 9	
5	विणगी - रामराव इंग्लिश	"	03	10, 11, 12	
6	गुरूक - महाराज गाथकवाड	"	02	16, 17	
	4थ विभाग	"			
7	कुळकीण - म. कुळे	"	1	18	
8	निर्झराल - बालकवी	"	02	19, 23	
9	गण महाराज गीत - सुरेश भट	"	02	24, 26	
10	आई - शैल	"	02	30, 31	
11	गिरीबा - वीर धवळे परब	"	02	Jan 6, 7	
12	मराठी कुलाकुलीच्या - अनेक काळे	"	02	8, 9	
13	विश्वामुंडा - गुणगंगा मंगार	"	02	13, 14	
14	गुणवत्तेचा निकष - शंभाजी सावळकर	"	1	15	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Amroli Dist. Amroli



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

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Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : Marathi

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

Semester : I

Paper No : 77

Paper Name : ना. इ. भा. म. साहित्य

Name Of Faculty : _____

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1	फाळेका पलंग, चिंगी सहिमान्नी शाळी नाही लोच - शंकर जैविंद. दिवाकर	सा/ख्यान	10	जुलै: 1, 2, 3, 4, 8, 9, 10, 11, 15, 16.	
2	मुळगी शाळी हो ! - ज्योती महापरेकर		15	जुलै: 17, 18, 22, 23 24, 25, 29, 30, 31, ऑगस्ट: 5, 6, 7, 8, 13 14.	
3	उपरे: वा. रं. बोरडे	33	15	ऑगस्ट: 19, 20, 21, 22, 26, 27, 28, 29, 30 सप्टेंबर: 3, 4, 5, 9, 11, 12, 13.	
4	यातना उत्सव: वापू बोंबे		15	सप्टेंबर: 18, 19, 23, 24 25, 26, 30, ऑक्टो: 1, 3, 9, 10, 14, 15, 16, 17	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Solapur



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : Marathi

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

Semester : II

Paper No : IV

Paper Name : सुविने माल्यमायति करवण करिणे

Name Of Faculty : Chaudhari P.W.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1	वृत्तपत्राचे स्वरूप आणि महत्त्व	व्यक्तिगत	06	नोव्हेंबर : 11, 13, 14, 18	
2	व्यापकी करवण	"	"	19, 20 Nov - 21, 26, 27, 28	
3	स्वयं करवण	"	"	डिसेंबर - 2, 3, डिसेंबर : 4, 5, 9, 10, 11	
4	मुळावण	"	"	12 डिसेंबर : 16, 17, 18, 19	
5	संवाद करवण	"	"	23, 24, डिसेंबर : 26, 30, 31	
6	अज्ञाकरवण	"	"	जाने : 6, 7, 8 जाने : 9, 13, 14, 15,	
7	जाणिराण	"	"	16, 20 जाने : 21, 22, 23, 27, 28	
8	समिष्टान्मक करवण	"	"	29 जाने : 30, फेब्रुवारी : 3, 4, 5, 6, 10	
9	वाचकांची पत्रे	"	"	30, फेब्रुवारी : 11, 15, 16, 20 फेब्रुवारी : 11, 12, 13, 17, 18, 20	
10	निविद	"	"	फेब्रुवारी : 34, 25, 26, 27, 28, 3	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Amraoti Dist. Osmerabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

(07)

Annual Teaching - Plan Academic Year (2019 -2010)

Faculty : Arts / Science

Department : Marathi

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

Semester : III

Paper No : V

Paper Name : अ. 4 अ. 5. मराठी इतिहास

Name Of Faculty : _____

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1:	सांस्कृतिक पारंपार्य	व्याख्यान	01	26, 27	
1.1	सांस्कृतिक संकल्पना आणि स्वरूप	"	01	26, 27	
1.2	सांस्कृतिक आणि इतिहास	"	02	27, 28	
1.3	सांस्कृतिक आणि साहित्य अंल. संबंध	"	02	29, 30	
1.4	साहित्य आणि सामाजिक दृष्टी	"	02	4, 5	
1.5	सुश्रुतकालीन उद्योग	"	02	6, 10	
1.6	शाक्य पुराणक मंडळी व ख्रिश्ची मिशनरी	"	02	11, 12	
1.7	धार्मिक प्रबोधनाच्या चळवळी	"	02	13, 17	
1.8	नियतकालिकांचा उद्योग	"	02	18, 19	
27	निकेय : स्वरूप आणि विशेष	"	.		
2.1	लोकनिवादींची वागणूक	"	05	20, 24, 25, 26, 27	
2.2	म. पुणेचे लक्षण	"	05	31 ऑगस्ट 7, 8, 9, 10	
2.3	निकेयमाहा. .	"	05	14, 16, 21, 22, 28	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Chingla Dist. ...



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

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Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : Marathi

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

Semester : IV

Paper No : VII

Paper Name : अ.य. वाङ्मयाची इतिहास.

Name Of Faculty : Chavalkhaki P.Y.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
17	माल्य वाङ्मयाचे स्वरूप	परिचय	20	13, 14, 15, 16, 20, 21 22, 23, 27, 28, 29	
1.1	नाटकाची भारतीय परंपरा व विकास	11		30, D. 4, 5, 6, 7, 11,	
1.2	मराठी संगीतमीमा उदय	11		12, 13, 14.	
1.3	संगीत नाटकाचा हास्य : किर्लोस्कर	11			
1.4	इ.स. 900 ते 1920 या काळातील माल्यवाङ्मय	11			
27	काव्य वाङ्मय: स्वरूप आणि विशेष	11	20	18, 19, 20, 21, 26, 27,	
2.1	मराठीची आधुनिक कविता	11		28, J. 1, 2, 3, 4, 8, 9	
2.2	विशेषज्ञ व समकालीन कवी	11		10, 11, 15, 16, 22, 23	
				24	
37	आत्मचरित्र वाङ्मयाचे स्वरूप	11	20	.	
3.1	इ.स. 900 ते 1920 या काळातील आत्मचरित्र			25, 29, 30, 31	
3.2	इ.स. 900 ते 1920 या काळातील आत्मचरित्र			F. 5, 6, 7, 8, 12, 13,	
				14, 15, 20, 21, 22,	
				26, 27, 28, 29, 31-4.	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

(10)

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : Marathi

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

Semester : V

Paper No : X

Paper Name : माध्याह्निक

Name Of Faculty : Chandhok P. S.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1.	माध्याह्निक	Lecture			
1.1	माध्याह्निक व्याख्या	"	03	June: 1, 2, 3	
1.2	माध्याह्निक विचार	"	03	4, 8, 9	
1.3	माध्याह्निक समग्र संश्लेषण	"	03	10, 11, 15	
1.4	माध्याह्निक एक संक्षेप प्रयोग	"	03	16, 17, 18	
2.	संस्कृत विचार	"			
2.1	संस्कृत - संक्षेप	"	03	22, 23, 24	
2.2	संस्कृत संश्लेषण	"	03	25, 29, 30	
2.3	संस्कृत विचार प्रयोग	"	03	31, Aug 5, 6	
2.4	संस्कृत संक्षेप	"	03	7, 8, 13	
3.	संस्कृत विचार	"			
3.1	संस्कृत : संक्षेप	"	03	14, 19, 20	
3.2	संस्कृत विचार प्रयोग	"	02	21, 22, 26	
3.3	संस्कृत संक्षेप	"	02	27, 28	
				29, 30, 3	

Signature of Faculty

Principal
Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

(12)

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science Department : Marathi Class : B.A./B.Sc. / M.A./ M.Sc. III
 Semister : VI Paper No : XIV Paper Name : साहित्य व विद्या
 Name Of Faculty : Chandrabati P. G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1	संस्कृत भाषा व साहित्य	साहित्यिक			
1.1	संस्कृत	11	04	Nov 11, 13, 14, 18	
1.2	विश्वसाहित्य	11	04	19, 20, 21, 26	
1.3	संस्कृत भाषा - गुणवत्तापूर्ण शिक्षण	11	04	27, 28 Dec 23	
2	संस्कृत	11			
2.1	आधुनिक संस्कृत	11	03	4, 5, 9	
2.2	साहित्यिक संस्कृत	11	03	10, 11, 12	
2.3	संस्कृत भाषा	11	03	16, 17, 18	
2.4	साहित्यिक संस्कृत	11	03	19, 23, 24	
3	साहित्य	11			
3.1	साहित्य	11	02	24, 30	
3.2	साहित्य	11	02	31 June 6	
3.3	साहित्य	11	02	7, 8	
3.4	साहित्य	11	02	9, 13	

Signature of Faculty

Principal
 Shrikrishna Mahavidyalaya, Gunjoti
 Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

(13)

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : Marathi

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

Semester : VI

Paper No : XIV

Paper Name : व्याकरण व विभक्ति कला

Name Of Faculty : Chandheli P.G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
3.5	चेलना 1, 2, 3, 4, 5	"	02	14, 15	
3.6	अणु व संज्ञा	"	02	16	
3.7	संज्ञा व संज्ञा	"	01	20	
4.1	संज्ञा विचार	"	04	21, 22, 23, 27	
4.2	संज्ञा संज्ञा	"	04	28, 29, 30 Feb 3	
4.3	विभक्ति संज्ञा	"	04	4, 5, 6, 10	
5.	विभक्ति				
1	वाक्यमयी विभक्ति कला	"	06	11, 12, 13, 17, 18, 20	
2	वैचारिक विभक्ति कला	"	06	24, 25, 26, 27 Mar 23	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti,
Ta. Omerga Dist. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science Department : Masathi Class : B.A./B.Sc. / M.A./ M.Sc. III
 Semister : V & VI Paper No : XII & XVI Paper Name : History part
 Name Of Faculty : Chandrabha P. S.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
				30, 31, Jan: 3, 4,	
				6, 7, 10, 11, 13, 14,	
				20, 21, 24, 25, 27,	
				28, 30 Mar: 2, 3,	
				6, 7, 9, 10, 13, 14.	
				10-30 11-30 12-30	
			27	SL-I	I
			4	SL-I	II
			9	opt I	(5/11/19)
			3	opt I	(11/12)
			21	(1/12/19)	
			27		
				(1/12/19)	
				1/12/19	
				2/12/19	
				3/12/19	
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				28/12/19	
				29/12/19	
				30/12/19	
				31/12/19	

Signature of Faculty Chandrabha P. S.

Principal [Signature]

MIP Latour @ gnanai.com



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science Department : Marathi Class : B.A./B.Sc. / M.A./M.Sc. III - (M)
Semester : VI Paper No : XII & XVI Paper Name : संस्कृत कवि
Name Of Faculty : Chandhaxi P. S.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1	संस्कृत कवि - V sem -	चर्चा	60	ऑक्ट 25, 28, 29 उत्तर: 1, 2, 5, 6, 12 13, 15, 16, 19, 20, 22 23, 26, 27, 29 अंतर - 2, 3, 5, 6, 9 16, 19, 20, 21, 26, 27 30, 31 उत्तर: 3, 6, 7 9, 13, 14, 16, 20, 21 23, 24, 27, 28, 30 अंतर: 1, 4, 5, 11, 12, 14, 15, 18, 19	
2	संस्कृत कवि	चर्चा	60	Nov: 11, 15, 16, 18 19, 22, 23, 25, 26, 29, 30, Dec 2, 3, 6 7, 9, 10, 13, 14, 16, 17 20, 21, 23, 24, 27, 28	

Signature of Faculty

Chandhaxi P. S.

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Principal

Shrikrishna Mahavidyalaya, Gunjoti,
Tq. Omega Dist. Osmanabad.

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Academic Calendar For 180 Days

Faculty of Arts/ science

Academic Year: (2019-20)

(Department of marathi)

Name of Faculty Member: Chishti A-m.

Term	Month	Working days	Theory Periods	Practical Periods	Total
First Term	June	05	16	—	16
	July	27	91	—	91
	August	22	79	—	79
	September	22	76	—	76
	October	14	49	—	49
Total 1		90	311	—	311
Second Term	November	17	56	—	56
	December	25	85	—	85
	January	26	87	—	87
	February	23	83	—	83
	March	12	40	—	40
Total 2		103	351	—	351
Total 1 + 2		193	662	—	662

Total Working Days = 234
Total Teaching Days = 193
Total Theory Period = 662
Total Practical Periods = Nil

Signature of Faculty Member



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : Marathi Class : B.A./B.Sc. / M.A./ M.Sc.
 Semister : I Paper No : I (OPT) Paper Name : काव्यात्म साहित्य
 Name Of Faculty : A.M. CHISHTI

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
①	निवडक कवींच्या कवितांचा अभ्यास केशवसुत - ① कोणीकडून १ कोणीकडे १ ② मूर्तिभजन ③ नुतारी ④ कविता आणि कवी ⑤ प्रीति	व्याख्यान	10	26 जून ते 11 जुलै 2019	
②	बहिणाबाई चौधरी - ① मन ② संसार ③ उगवले नारायण ④ खोपा ⑤ हिरीताचं देनं घेणं.	व्याख्यान	10	15 जुलै 2019 ते 30 जुलै 2019	
③	कुसुमाग्रज - ① सात ② माळचे मनोगत ③ स्वप्नांची समाप्ती ④ अष्टवथामा ⑤ सर्वात्मका शिवसुंदरा	व्याख्यान	10	31 जुलै 2019 ते 20 ऑगस्ट 2019	
④	नारायण सुर्वे - ① दोन दिवस ② मनी ऑर्डर ③ कार्लमार्क्स ④ तूमकंय नावनिवा ⑤ चार शब्द	व्याख्यान	10	21 ऑगस्ट 2019 ते 11 सप्टेंबर 2019	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201 -201)

Faculty : Arts / Science

Department : marathi

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

Semister : III

Paper No : II (SL)

Paper Name : गद्य-पद्य उपयोजित मराठी

Name Of Faculty : Chishti A.m.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
	गद्य विभाग				
①	छत्रपती शिवाजी महाराजांच्या कार्याचे स्वरूप - प्र.न.देशपांडे	व्याख्यान	20	28 जून 2019 ते 18 जुलै 2019	①
②	लोकसंस्कृती आणि जागतीकीकरण - डॉ.द.ता. भासले.				②
③	मरणानं डाव साधला नाशिकानं हात दिला.				③
④	लोकराज मा.खा. पवारसाहेब - प्रा.लक्ष्मण बोबळे.				④
⑤	वही - सुरेश पाटील (इलेक्टर)				⑤
	पद्य विभाग				
①	निलकंठ - सुहासिनी इलेक्टर	व्याख्यान	20	01 ऑगस्ट 2019 ते	
②	आकाशापुवडा - सदानंद सिनगारे			06 सप्टेंबर 2019	⑥
③	साऱ्या घरालाच लागली वाळवी - प्रदीपपाटील				
④	कुठवीमाझा - अमिल गव्हाणे.				
⑤	वीरसा - बाबाराव मडावी				
⑥	अकंद दारातून				

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq.Omerga Dist.Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science Department : Marathi Class : B.A./B.Sc. / M.A./ M.Sc.
Semester : III Paper No : III Paper Name : ग्रद्य-पद्य उपयोजित मराठी
Name Of Faculty : Chishmi A.M.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
	बाहेर पडताना - संजीवनी तडेगावकर उपयोजित मराठी				
①	परिभाषा : तंत्र स्वरूप उपयोजन - स्वरूप व वैशिष्ट्ये परिभाषेची आवश्यकता शासन व्यवहारातील परिभाषा कार्यलयीन परिभाषा	व्याख्यान	20	07 सप्टेंबर 2019 ते 17 ऑक्टोबर 2019	
②	आकाशवाणी प्रसार माध्यम : लेखन तंत्र व उपयोजन - श्राव्य माध्यम आकाशवाणी या प्रसार माध्यमाचे घटक, बातमी, श्रुतिका, नभोनाट्य				
③	पुस्तक परिचय - तंत्र व स्वरूप - वाङ्मय वाङ्मयेतर लेखनाचा परिचय - कथा, कादंबरी कविता				
④	जलनियोजन : तंत्र व स्वरूप - जलनियो-जनाचे महत्त्व, जलनियोजन दारणे आणि शेती दारणातील जलनियोजन, पिण्यासाठी जलनियोजन				

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omurga Dist. Dahanu



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science Department : Marathi Class : B.A./B.Sc. / M.A./ M.Sc.

Semester : III Paper No : VI (OPT) Paper Name : दृकप्राच्य माध्यमांसाठी लेखन कौशल्य

Name Of Faculty : Chishiti A.M.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
①	नभोवाणी	व्याख्यान	20	01 जुलै 2019 ते	
1.1	नभोवाणी स्वरूप आणि कार्य			30 जुलै 2019	
1.2	नभोवाणी संप्रवेश				
1.3	नभोवाणीवरील आषण चर्चा व मुलाखत				
1.4	नभोवाणीवरील बातमीपत्रे				
1.5	रूपक, श्रुतिका आणि नभोनाट्य				
1.6	नभोवाणीच्या जाहिराती				
②	दूरचित्रवाणी	व्याख्यान	20	05 ऑगस्ट 2019	
①	दूरचित्रवाणी स्वरूप कार्य व विस्तार			ते 16 सप्टेंबर 2019	
②	दूरचित्रवाणी लेखन व निर्मिती				
③	दूरचित्रवाणी कार्यक्रमांचे प्रकार				
④	दूरचित्रवाणीवरील बातम्या				

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : Marathi Class : B.A./B.Sc. / M.A./ M.Sc.

Semester : III Paper No : VI (opt) Paper Name : हृकथाव्य माध्यमांसाठी लेखन

Name Of Faculty : Chishti A.m. कौशळ्य

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
(3)	संकेतस्थळ	व्याख्यान	20	17 सप्टेंबर 2019	(1)
(1)	संकेतस्थळ संकल्पना आणि उपयोजन	प्रात्यक्षिक		15 ऑक्टोबर 2019	1-1
(2)	संकेतस्थळाचा परिचय				5-1
(3)	संकेतस्थळावर साहित्याविषयक घडामोडी				6-1
(4)	ई- डिक्शनरी, विष्वकोष				1-1
					2-1
					3-1
					4-1
					5-1
					6-1
					7-1
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					10-1
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					13-1
					14-1
					15-1
					16-1
					17-1
					18-1
					19-1
					20-1

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : Marathi Class : B.A./B.Sc. / M.A./ M.Sc.
 Semister : V Paper No : TX Paper Name : भारतीय साहित्याविषय
 Name Of Faculty : Chishhi A.m.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1.	साहित्याचे स्वरूप - व्याख्या (आमर, दंडी, हेमचंद्र, वरदट, मम्मट, विश्वनाथ व इतर संस्कृत अभ्यास कांच्या मतांचा विचार) साहित्याची लक्षणे - अलंकार, रिती, वक्रोक्ती, ओचित्य, एवनी, रस.	व्याख्यान	15	28 जून 2019 ते 20 जुलै 2019	
2.	साहित्याचे प्रयोजने - आमर, दंडी भरतमुनी आदींची मते, मम्मटाचा प्रयोजन विचार.	व्याख्यान	10	20 जुलै 2019 ते 09 ऑगस्ट 2019	
3.	साहित्याची निर्मितीप्रक्रिया (प्रतिभा, व्युत्पन्नता अभ्यास व इतर पूरक कारणे)	व्याख्यान	10	10 ऑगस्ट 2019 ते 30 ऑगस्ट 2019	
4.	रसाविचार - भरताचे रससूत्र अहलोत्पल, श्रीशंकर, भटनायक व आभिनवगुप्त यांच्या मतांचा विचार वसंख्या रसाविघ्न.	व्याख्यान	15	31 ऑगस्ट 2019 ते 25 सप्टेंबर 2019	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : marathi Class : B.A./B.Sc. / M.A./ M.Sc.
 Semester : V Paper No : IX Paper Name : भारतीय साहित्यविचार
 Name Of Faculty : Chishmi A.M.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
5.	शब्दशक्ती व अर्थविचार आग्नेया, लहणा, व्यंजना	व्याख्यान	10	28 सप्टेंबर 2019 ते 18 ऑक्टोबर 2019	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : Marathi

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

Semister : V

Paper No : XI

Paper Name : मध्ययुगीन मराठी वाङ्मयाचा इतिहास

Name Of Faculty : Chishmi A.M.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1	मराठीचा प्रारंभकाल व मुकुंदराज	व्याख्यान	10	26 जून 2019 ते 11 जुलै 2019	
2.	महानुभाव पंथ आणि त्यांचे वाङ्मयीन कार्य	व्याख्यान	12	12 जुलै 2019 ते 01 ऑगस्ट 2019	
	महानुभाव पंथाचे पंचकूष्ण, महानुभाव पंथाचे तत्त्वज्ञान, महानुभावांचे वाङ्मयीन कार्य, महानुभावविद्यांचे गद्य साहित्य पद्य साहित्य.				
3.	वारकरी संप्रदाय आणि त्यांचे वाङ्मयीन कार्य - ① संत ज्ञानेश्वर, संत नामदेव, ज्ञानेश्वर पंचक, जनाबाई, चौखामेळा, कर्मिळा, गोरकुंभार, विशोबा खेचर, सावतामाळी, नरहरी सोनार, परिसा आगवत, सेनान्हवी, कान्होपाबा.	व्याख्यान	20	02 ऑगस्ट 2019 ते 06 सप्टेंबर 2019	
4.	बहामनीकालीन मराठी साहित्य - दत्त संप्रदाय दासोपंत, संत पुकनाथ, संत पुकनाथांची वाङ्मयीन रचना.	व्याख्यान	10	07 सप्टेंबर 2019 ते 26 सप्टेंबर 2019	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science Department : Marathi Class : B.A./B.Sc. / M.A./M.Sc.
 Semester : II Paper No : III (opt.) Paper Name : कथात्म साहित्य
 Name Of Faculty : Chishti A-m.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1.	सरत्या पावसाळ्यातील राज - की-रघूनाथ	व्याख्यान	05	11 नोव्हें. 2019 ते 19 नोव्हें. 2019	
2.	भोमक्या - अण्णाभाडू साठे	"	05	20 नोव्हें. ते 27 नोव्हें. 2019	
3.	अंतःकरणाचे रत्नदीप - विभाकरी शिरकर	"	06	28 नोव्हेंबर ते 09 डिसें. 2019	
4.	नदीकाठचा प्रकार - द.मा. भिरसदार	"	05	10 डिसें. ते 17 डिसें. 2019	
5.	गांधीजी 2009 - रंगनाथ पठारे	"	05	18 डिसें. ते 26 डिसें. 2019	
6.	आपण माणसात जमा नाही - राजन गवस	"	06	30 डिसें. 2019 ते 07 जाने. 2020	
7.	द्विशोब - भास्कर चंदनारीव	"	06	08 जाने. ते 16 जाने. 2020	
8.	चोकी - आबासाहेब वाघमारे	"	05	20 जाने. ते 27 जाने. 2020	
9.	अण्णा - पुन. पी. उगले	"	05	28 जाने. ते 04 फेब्रु. 2020	
10.	केशी - ज्ञा.श. पंडित	"	06	05 फेब्रु. ते 13 फेब्रु. 2020	
11.	तीन पावलं दान - कुमार खरत	"	06	17 फेब्रु. ते 27 फेब्रु. 2020	

Signature of Faculty

Principal
 Shrikrishna Mahavidyalaya, Gunjoti
 Tq. Omarga Dist. Osmanabad





SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201 -201)

Faculty : Arts / Science Department : Marathi Class : B.A./B.Sc. / M.A./ M.Sc.
 Semister : IV Paper No : IV (SU) Paper Name : गद्य-पद्य व उपयोजित मराठी
 Name Of Faculty : Chishti A-m.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
	गद्य विभाग				
1	चिपाड - अंबादास केदार	व्याख्यान	20	11 नोव्हेंबर 2019	
2	मिश्रीपेश - विजय जावळे			16 डिसेंबर 2019	
3	काठूर - अंजली भयवाळ				
4	गायान - पुकनाथ खिल्लारे				
5	भूक - उमेश मोहिते				
	पद्य विभाग				
1.	गर्भाशयात असताना - म-मो. जोशी	व्याख्यान	20	17 डिसेंबर 2019	
2.	आवा - शिवाजी मारुती पाटील			21 जाने. 2020	
3.	पाचटाच्या मुलुखाले - कल्पना दुधाळ				
4	जागलं - शिवाजी मरगीळ				
5	कळसूत्री बाहूली - भारती रेवडकर				
6.	दृशोव चुकता करा - वि-सो. वराट				


Signature of Faculty


Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : Marathi

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

Semester : IV

Paper No : IV (SU)

Paper Name : गद्य-पद्य व उपयोजित मराठी

Name Of Faculty : Chushti A-m.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
	उपयोजित मराठी				
1	संगणक क्षेत्रातील संकल्पना : स्थूल परिचय सॉफ्टवेअर, हार्डवेअर, विंडोज फॉर्मल, डाटा संगणकाची वैशिष्ट्ये, भारतीय समाजा- वरील संगणकाच्या प्रभाव	व्याख्यान/ प्रात्यक्षिक	20	22 जाने - 2020 ते 25 फेब्रु - 2020	
2	संगणकाची वैशिष्ट्ये - अचूक काम, फ्लॅट वेग कामाची सलगता, माहितीचे संक्रमण व सादरी- करण कामाची विविधता स्विकारक्षमता नसणे.				
3	मराठी समाजावरील संगणकाचा प्रभाव-सामा- जिक क्षेत्राचे मार्गदर्शन, नैसर्गिक आपत्तीचे पूर्वकथन, लोकसंख्याबदलचे मार्गदर्शन, निवडणूक व मतदान क्षेत्र हवामानाच्या अंदाज वैज्ञानिक संशोधन, साहित्य क्षेत्रातील उपयोग				
4	इंटरनेट : स्वरूप आणि कार्यप्रणाली - इंटरनेट- अर्थ आणि व्याख्या वेबसाईट, ई-मेल-चॅट, सर्कि ब्राउझिंग अकाउंट इंटरनेटचा भारतीय समाजावरील प्रभाव, सामाजिक परिवर्तन, हवामानाच्या अंदाज				

Signature of Faculty

Chushti

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : Marathi

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

Semister : IV

Paper No : VIII

Paper Name : साहित्य प्रकारांतर आणि

Name Of Faculty : Chudhari A.M.

साहित्याचे माध्यमांतर

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
①	साहित्य प्रकारांतराची संकल्पना व स्वरूप	व्याख्यान	15	18 नोव्हेंबर 2019	
1.1	साहित्य प्रकारांतर म्हणजे काय ?			ते 16 डिसेंबर	
1.2	साहित्य प्रकारांतर : मूळ स्वनाबंध मोडून नवा स्वनाबंधाची निर्मिती			2019	
1.3	वाङ्मय प्रकारांतराची लेखकांना वाटगारी आवश्यकता. (उदा. पुकांकिकेचे नाटक, कादंबरीचे नाटक करणे)				
1.4	साहित्य प्रकारांतराची काही उदाहरणे.				
②	माध्यम संकल्पना : प्रकार व वैशिष्ट्ये	व्याख्यान	15	17 डिसेंबर 2019	
2.1	महत्त्वाची माध्यमे : मुद्रित, श्राव्य व दृक-श्राव्य माध्यम			ते 13 जाने. 2020	
2.2	माध्यमे व साहित्य यांच्या अनुबंध				
2.3	माध्यमांसाठी साहित्याची आवश्यकता				
2.4	माध्यम : आधुनिक काळाची गरज				

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq.Omerga Dist.Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : Marathi

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

Semister : IV

Paper No : VIII

Paper Name : साहित्य प्रकारांतर उगाळी

Name Of Faculty : Chandani A.M.

साहित्याचे माध्यमांतर

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
①	माध्यमासाठीचे लेखन				
1-1	मुद्रित माध्यमासाठीचे लेखन (स्कूल परिचय)	व्याख्यान	05	14 जाने. ते 21 जाने.	
1-2	सदरलेखन, स्फुटलेखन, अभिलेख, ग्रंथ- -परीक्षण इ.)			2020	
②	ब्राह्म माध्यमासाठीचे लेखन - श्रुतिका, व नभोनाट्य लेखन	व्याख्यान	05	21 जाने. ते 28 जाने. 2020	
③	दृक-ब्राह्म माध्यमासाठीचे लेखन (परकथा लेखन (मालिकेसाठी) साहित्य- विषयक अन्य कार्यक्रम उदा. वाचाल तर वाचाल, साहित्यविषयक गप्पा, मुलाखती इ. माध्यम लेखनाची वैशिष्ट्ये उदा. संवाद लेखन चित्रिकरणाचे भान असणे इवनी संयोजन पार्वसिंघीतत्या वापर करेच्या शुंफणीतील रहस्यमयता इ.	व्याख्यान	05	03 फेब्रुवारी 2020 ते 10 फेब्रुवारी 2020	
		व्याख्यान	05	11 फेब्रु. ते 18 फेब्रु. 2020	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science Department : Marathi Class : B.A./B.Sc. / M.A./M.Sc.
Semester : VI Paper No : XIII Paper Name : पाश्चात्य साहित्यविचार
Name Of Faculty : Chishiti A.M.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1.	साहित्याचे स्वरूप - व्याख्या - हॅसलिट, रस्किन, कोलरिज, कोटिहोप, कार्लिडल, वडस्वर्थ, मॅथ्यू अर्नोल्ड, कोट (व इतर) लक्षण - कल्पना भावना, बुद्धी लयवद्धता शैली.	व्याख्यान	12	15 नोव्हेंबर 2019 ते 30 नोव्हेंबर 2019	
2.	साहित्याची प्रयोजने - पर्यायनवाद, स्वप्नरंजन, जिज्ञासापूर्ती, आत्माविष्कार, उद्बोधन, विश्वना (कॅथोसिस) व प्रचार	व्याख्यान	12	06 डिसेंबर 2019 21 डिसेंबर 2019	
3.	साहित्याची निर्मिती प्रक्रिया - सिगमंड फ्रायड, कार्ल गुस्टाव युंग, फुफ.सी. प्रिस्कॉट कोलरिज, टी.एस. पुलियट, मरे कायगर यांचे निर्मिती प्रक्रियेसंदर्भात मत.	व्याख्यान	14	27 डिसेंबर 2019 17 जानेवारी 2020	
4.	माक्सवादी साहित्यविचार - कार्ल माक्सचा साहित्यविषयक दृष्टीने समाजवादी वास्तव- वाद, परात्मतेची संकल्पना, वांछिलकीची संकल्पना.	व्याख्यान	12	18 जानेवारी ते 07 फेब्रुवारी 2020	

Signature of Faculty

Principal

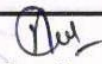


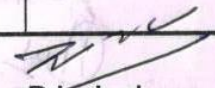
SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : marathi Class : B.A./B.Sc. / M.A./ M.Sc.
 Semister : VI Paper No : XIII Paper Name : पारिचात्य साहित्यविचार
 Name Of Faculty : Chishmi A.M.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
5.	ऐतिहासिक व मार्क्सवादी समीक्षा पद्धती	व्याख्यान	10	08 फेब्रुवारी 2020 22 फेब्रुवारी 2020	


Signature of Faculty


Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : Marathi

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

Semister : VI

Paper No : XV

Paper Name : मध्ययुगीन मराठी वाङ्मयाचा इतिहास (१६०९ ते १८१८)

Name Of Faculty : Chishmi A.M.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1.	पंडिती साहित्य - प्रेरणा स्वरूप व वैशिष्ट्ये	व्याख्यान	10	13 नोव्हें. ते 28 नोव्हें. 2019	
2.	मुक्तेश्वर, वामनपंडित, रघूनाथपंडित, सामराज, श्रीधर मोरोपंत यांचे ग्रंथ आणि ग्रंथकारांचा परिचय.	व्याख्यान	20	29 नोव्हें. ते 03 जाने. 2020	
3.	शाहिरा वाङ्मय - प्रेरणा स्वरूप व वैशिष्ट्ये परशुराम राम जोशी, होनाजी बाळा, अनंत फंदी, सगनभाऊ, प्रभाकर यांच्या वाङ्मयाचा परिचय.	व्याख्यान	18	04 जानेवारी 2020 ते 05 फेब्रुवारी 2020	
4.	बखर वाङ्मय प्रेरणा स्वरूप व वैशिष्ट्ये - शिवपूर्वकालीन बखरी, शिवकालीन बखरी, पेशवेकालीन बखरी यांचा परिचय.	व्याख्यान	12	06 फेब्रुवारी 2020 ते 28 फेब्रुवारी 2020	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Academic Calendar For 180 Days

Faculty of Arts and science

Academic Year: (2019-20)

(Department of Hindi)

Name of Faculty Member: Dr B.E. Korale

Term	Month	Working days	Theory		Practical		Total
			BAI	BAII	BAI	BAII	
First Term	June	05	04	03	04	02	
	July	27	19	18	16	32	
	August	22	15	12	15	29	
	September	22	14	14	16	30	
	October	14	08	09	11	20	
Total 1		90	60	56	62	118	
Second Term	November	17	11	11	12	23	
	December	25	17	18	15	33	
	January	26	17	16	19	35	
	February	23	15	17	17	34	
	March	12	08	08	08	16	
Total 2		103	68	70	62	141	
Total 1 + 2		193	128	126	124	259	

Total Working Days = ~~180~~ 234
 Total Teaching Days = ~~180~~ 193
 Total Theory Period = ~~180~~ 637
 Total Practical Periods =

Signature of Faculty Member

B.E. Korale



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : Hindi

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

Semester : I

Paper No : I

Paper Name : Samanya Hindi

Name Of Faculty : Dr. B.F. Korale

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1)	परिचय, अक्षरालंकार और उद्देश्य	चर्चा/विचार/लेखन	02	25, 29 June	
2)	कथा/संसार - कहानी साहित्य पर प्रकाश	चर्चा/लेखन	02	30 June	
3)	स्त्री और पुरुष - प्रेम-बंधन	चर्चा/लेखन	04	1, 2, 3, 4 July	
4)	हृदय का जीत - उद्देश्य	do	04	8, 9, 10, 11 July	
5)	दो संत -	do	04	15, 16, 17, 18 July	
6)	बाल्य - उद्देश्य/विचार/लेखन	do	04	22, 23, 24, 25 July	
7)	पुरुषत्व - अंगुष्ठांकुशिका	do	04	29, 30, 31 July, 1 Aug	
8)	पंचालिका - उद्देश्य/विचार/लेखन	do	05	5 to 13 Aug.	
9)	अपारिचित - म.एन. राठोड़	do	05	14 to 22 Aug.	
10)	हिन्दु काव्य - उद्देश्य और विचार	चर्चा/लेखन	03	26 to 28 Aug.	
11)	दूतावली लिपि - स्वल्प और विचार	do	04	29 Aug to 5 Sep.	
12)	हिन्दु काव्य का भाव और रूप	do	06	9 Septo 19 Sep.	
13)	पारिभाषिक शब्दमाला - स्वल्प और विचार	do	07	23 Septo 1 Oct.	
14)	पारिभाषिक शब्दमाला	do	07	3 Oct to 14 Oct	
15)	अक्षरालंकार	पुस्तक पठन	03	15 Oct to 17 Oct	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201 -201)

Faculty : Arts / Science Department : Hindi Class : B.A./B.Sc. / M.A./M.Sc. I
Semester : I Paper No : II Paper Name : Samanya Hindi
Name Of Faculty : Dr. B. E. Konale

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1)	पाठ्यक्रम और उद्देश्य	पठन	02	11, 12 NOV.	
2)	घर का मंत्रालय	do	03	14 to 19 NOV.	
3)	कर्म का आदर्श	do	04	20 to 26 NOV.	
4)	प्राणिक	do	04	27 NOV to 3 DEC.	
5)	छुट्टी का दिन	do	04	4 DEC to 10 DEC.	
6)	उत्सव का मंत्रालय	do	04	11 DEC to 17 DEC.	
7)	इतिहास का विकास	do	04	18 DEC to 24 DEC.	
8)	म. श. र. और व.	do	04	26 DEC to 1 JAN.	
9)	म. श. र. (उत्सव संस्थाएं, पत्रिकाएं)	do	08	2 JAN to 16 JAN.	
10)	पत्रिकाएं - (विज्ञान, समाज, सरकार, शिक्षा)	do	08	20 JAN to 30 JAN.	
11)	कर्मसुख (हस्त) का प्रयोग	do	04	3 FEB to 10 FEB.	
12)	उत्सव का स्वरूप और भाव	do	06	11 FEB to 19 FEB.	
13)	पाठ्यक्रम पर प्रयोग	do	08	20 FEB to 4 MAR.	
14)	प्रयोग का प्रयोग	do.	03	5 to 12 MAR.	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : Urdu

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

Semester : V

Paper No : X

Paper Name : Adli Fatha Madya Jughon

Name Of Faculty : Dr. B.E. Korale

Urdu Sahitya ka Itihaas

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1)	ਪਾਠਮਕ ਅਤੇ ਉਦੇਸ਼	ਸਮਾਜਕ	02	26, 27 Jun	
2)	ਦਿੱਕੀ ਸਾਹਿਤਯੋਗਿਕ - ਲੇਖਕ ਸ਼ਾਹਿਦ ਕੰਪੋਜ਼	- " -	06	28 Jun to 6 Jul	
3)	ਆਦਿਕਾਲ ਦੀ ਪਾਠੀ ਸਭਿਅਤਾ	- " -	05	10 Jul to 17 Jul	
4)	ਕੀਰਤੀ, ਸੋਹ, ਸਿਦਕ ਮਹਾ ਗਾਠਕ ਪੁਸਤਕ	- " -	05	18 Jul to 25 Jul	
5)	ਲਯਾਕਾਟ - ਸੁਸਰ, ਵਿਆਪਕ, ਗਾਠਕ	- " -	06	26 Jul to 7 Aug	
6)	ਆਦਿਕਾਲ ਦੀ ਪਾਠੀ ਸਭਿਅਤਾ	- " -	06	8 Aug to 21 Aug	
7)	ਸੁਠਕ ਗਾਠਕ - ਸੋਹ, ਸੁਠਕ	- " -	05	22 Aug to 31 Aug	
8)	ਗਿਰਠਕ ਗਾਠਕ ਸੋਹ ਸਾਹਿਤ, ਸੁਠਕ	- " -	05	4 Septo 11 Sep	
9)	ਲਯਾਕਾਟ - ਸੋਹ, ਗਾਠਕ, ਸੁਠਕ, ਸੁਠਕ	- " -	05	12 Septo 19 Sep	
10)	ਲੀਨਿਕਾਲ ਦੀ ਪਾਠੀ ਸਭਿਅਤਾ	- " -	06	20 Septo 28 Sep	
11)	ਲੀਨਿਕਾਲ ਸਾਹਿਤ, ਸੀਨਿਕ, ਸਿਦਕ, ਪੁਸਤ	- " -	03	2 Oct to 5 Oct	
12)	ਲਯਾਕਾਟ - ਸੁਠਕ, ਪੁਸਤਕ, ਸੀਨਿਕ, ਸੁਠਕ	- " -	04	6 Oct to 12 Oct	
13)	ਪਾਠਮਕ ਪੁਸਤਕ - ਪੁਸਤਕ	- " -	02	16, 17 Oct	
14)	ਪੁਸਤਕ	- " -	02	18, 19 Oct	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201 -201)

Faculty : Arts / Science Department : Hindi Class : B.A./B.Sc. /M.A./M.Sc. 111
Semester : V Paper No : XIV Paper Name : Adhunik Hindi Sahitya
Name Of Faculty : Dr. B.E. Konale

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1)	प्राचिन हिंदी साहित्य	परिचय	03	13 NOV to 15 NOV	
2)	आधुनिक काल	- 11 -	03	16 NOV to 21 NOV	
3)	कालसाहित्य - भाग 2 (सुश्रीलक्ष्मी)	- 11 -	03	22 NOV to 27 NOV	
4)	हिंदी की मुलक कविता	- 11 -	02	28, 29 NOV	
5)	सामाजिक कविता	- 11 -	03	30 NOV to 5 DEC	
6)	प्रगतिवादी कविता	- 11 -	03	6 DEC to 11 DEC	
7)	प्रगतिवादी कविता	- 11 -	02	12 DEC to 13 DEC	
8)	गड कविता	- 11 -	02	14, 15 DEC 19	
9)	समकालीन कविता	- 11 -	02	19, 20 DEC	
10)	दलित आंदोलन कविता	- 11 -	02	21, 26 DEC	
11)	समकालीन - काल साहित्य	- 11 -	15	27 DEC to 18 JAN	
12)	साहित्य - भाग 2 (काल साहित्य, आधुनिक, आधुनिक, आधुनिक)	- 11 -	10	24 JAN to 8 FEB	
13)	समकालीन - भाग 2 (काल साहित्य, आधुनिक, आधुनिक, आधुनिक)	- 11 -	10	12 FEB to 27 FEB	
14)	प्राचिन हिंदी साहित्य	- 11 -	10	28 FEB to 14 MAR	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Academic Calendar For 180 Days

Faculty of Arts

Academic Year: (2019-20)

(Department of Hindi)

Name of Faculty Member: Dr. Mahadeo Chintamani Khot

Term	Month	Working days	Theory		Practical		Total	
			BAF II Periods	P.A. BSLD SL Periods	B.A. II Periods	B.A. II		
First Term	June	05	04	04	02	03	04	17
	July	27	18	16	20	18	17	89
	August	22	16	15	14	14	15	74
	September	22	16	16	14	15	16	77
	October	14	10	12	16	10	11	59
Total 1		90	64	63	65	60	63	316
Second Term	November	17	12	12	08	10	12	54
	December	25	14	16	20	18	15	83
	January	26	20	19	14	16	19	88
	February	23	14	16	14	15	14	73
	March	12	08	08	08	08	08	40
Total 2		103	68	71	64	67	68	338
Total 1 + 2		90 + 103 = 193	132	134	130	127	131	654

Total Working Days = ~~234~~ 234
 Total Teaching Days = 193
 Total Theory Period = ~~658~~ 654
 Total Practical Periods = -


 Signature of Faculty Member


Principal
 Shri Krishna Mahavidyalaya, Gunjoti
 Dist. Dahanu



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : Hindi

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

Semester : I

Paper No : II

Paper Name : नाट्य साहित्य

Name Of Faculty : डॉ. एम.जी. शर्मा

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1.	विजयपर्व	व्याख्यान	22	जून 26, 26, 27, 28 29, 33, 4, 5, 10, 10, 11, 12 17, 17, 18, 19, 24, 24, 25, 26 31, 31	
2.	होरी: प्रेमचंद काथ्यरूपांतर		20	अप्रैल 2, 1, 2, 7, 7, 8, 9, 14. 14, 14, 16, 21, 21, 22, 28, 28, 29, 30 मार्च 4, 4, 5, 6,	
3.	आरंभ आजादी की		22	मार्च 11, 11, 12, 13 18, 18, 19, 20, 25, 25 28, 27 अप्रैल 3, 4, 9, 9, 10, 11, 16, 16, 17, 18	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti




SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science Department : हिंदी Class : B.A./B.Sc. / M.A./M.Sc.
Semester : II Paper No : 14 Paper Name : रुकी शक्ति
Name Of Faculty : डॉ. एम. सी. खेत

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1. 1.	रुकी नए फुलने (3) मीना कहें हैं ?		4	नोव 13,13,14,15	
2.	शरणागत		4	नोव 20,20,21,22	
3.	महाभारत की सौंझ		4	नोव 27,27,28,29	
4.	कोरुडर		4	डिस 4,4,5,6,	
5.	रुस्ता बंद है		4	डिस 11,11,12,13	
6.	कुवारी धरती		4	डिस 18,18,19,20	
7.	पडोसीन का कोर		4	डिस 26,27 जौन 1,1	
2. 1.	प्रतिनिधि मंडल रुकी (3) डॉक्टर शाहब मंडल मंडल		4	जौन 2,3,8,8,	
2.	रुकी और दिन		4	जौन 9,10,15,15	
3.	जान से आर		4	जौन 16,17,22,22	
4.	महामिष्ट		4	जौन 23,24,29,29	
5.	उधम		4	जौन 30,31 फेब्र 5,5	
6.	कुकी और नारी		4	फेब्र 6,7,12,12	
7.	कुकीनरुकी की रजवधु		4	फेब्र 13,14,20,21	
8.	कुकीनरुकी		4	फेब्र 26,26,27,28	
	रिजिजन		08	मार्च 4,5,6,11,11,12,13	


Signature of Faculty


Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science Department : हिंदी Class : B.A./B.Sc. / M.A./M.Sc. II
 Semester : III Paper No : 11 Paper Name : सामान्य हिंदी
 Name Of Faculty : डॉ. राम सी खोल

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1	गद्य के विविध आयाद				
9.	महा जीवन	व्याख्यान	4	जून 27, 27, 28, 29	
2	नीलकण्ठ मौर		5	जुलै 4, 4, 5, 6, 11	
3	कुम्भ		5	जुलै 11, 12, 13, 18, 18	
4	शिरष के कुंठ		5	जुलै 19, 20, 25, 25, 26	
5	सोडोपर मोदगी		2	जुलै 27 अगस्त 1	
आ. 9.	पृथजन मुक्त भाषा की स्वरूप एवं महत्व		3	अगस्त 2, 3, 8	
2.	भाषा की परिभाषा विशेषताएं एवं महत्व		4	अगस्त 8, 9, 10, 16	
3.	वैशाली के परिप्रेक्ष्य में हिंदी भाषा का महत्व		4	अगस्त 22, 22, 25, 25	
4.	भाषा शिक्षण की प्रक्रिया		4	अगस्त 30, 31 सितंबर 5, 5	
5	भाषा कोश		4	सितंबर 6, 7, 12, 12	
6	वाणिज्य व्यापार: तात्पर्य एवं महत्व		3	सितंबर 13, 14, 19	
7	वाणिज्य व्यापार के साधन		4	सितंबर 19, 20, 21, 26	
8	वाणिज्य व्यापारिक भाषा की संरचनात्मक विशेषताएं		4	सितंबर 26, 27, 28 अक्टूबर 3	
9	व्यापारिक पत्राचार		4	अक्टूबर 3, 4, 5, 10	
10	वाणिज्य व्यापार एवं भाषिक प्रकाश		4	अक्टूबर 10, 11, 12, 17	
11	निबंध तात्पर्य स्वरूप निबंध लेखन		3	अक्टूबर 17, 18, 19	

Signature of Faculty

Principal
 Shrikrishna Mahavidyalaya, Gunjoti
 Tq. Omega Dist. Damanbad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : हिंदी

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

Semester : IV

Paper No : हिंदी

Paper Name : शाभाबत हिंदी

Name Of Faculty : डॉ. एम.सी. श्वेत

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
अ	गद्य के विविध आश्रय				
१.	श्लोक		4	नोवें 18, 19, 14, 15	
2.	ऊर कुमल हो गये		4	नोवें 21, 21, 22, 23	
३	जहाँ आकाश ही दिखाई देता		4	नोवें 28, 28, 29, 30	
४.	कुरीतों तोडा, परिवार नहीं		5	डिसे 5, 5, 6, 7, 12	
५.	स्वामी दयानंद		5	डिसे 12, 13, 14, 19, 19	
आ. १	मिडिया लेखन जनसंचार माध्यम के विविध रूप		5	डिसे 20, 21, 26, 26, 27	
2.	समाचार, रेडियो, फ़िल्म लेखन		5	डिसे 28, जन 2, 3, 4	
३.	वैज्ञानिक तकनीकी हिंदी लेखन का स्वरूप विशेषताएँ		5	जन 9, 10, 11, 16	
४	पारिभाषिक शब्दावली भूमिका निर्माण के लक्ष्य, प्रकार		5	जन 16, 17, 18, 23, 23	
५.	पारिभाषिक शब्दावली वैज्ञानिक अ परिशिष्ट		5	जन 24, 25, 30, 30, 31	
६	वैज्ञानिक तकनीकी अनुवाद स्वरूप संज्ञावाचक		5	फ़ेब्रु 6, 6, 7, 8, 13	
७	अशुद्ध शोधन शब्द वाक्य मुद्रित शोधन		5	फ़ेब्रु 13, 14, 15, 20, 20	
८	अनुवाद वैकिक अनुवाद		4	फ़ेब्रु 21, 22, 27, 27	
९.	मिडिया अनुवाद		6	फ़ेब्रु 28, 29, मार्च 5, 5	
				6, 7, 12, 13,	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science Department : हिंदी Class : B.A./B.Sc. / M.A./ M.Sc. II
Semester : III Paper No : 11 Paper Name : प्रयोजनमूंक हिंदी
Name Of Faculty : डॉ. राम सी. शर्मा

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
9.9.	हिंदी नामसूची संघ विभिन्न अर्थ	व्याख्यान	3	जून 25, 25, 25	
2.	भारतीय आर्यभाषा विकासमंडु सामान्य भाषा		3	जुलै 1, 2, 2	
3.	हिंदी भाषा की क्रमिक विकास		4	जुलै 8, 8, 9, 9	
4.	हिंदी भाषा को आंतराष्ट्रीय परिदृश्य		2	जुलै 15, 15	
2.9.	मानक भाषा: संकल्पना एवं स्वरूप		4	जुलै 16, 16, 22, 22	
2.	भाषा मानककरण प्रक्रिया पद्धति संस्था विरोधताएं		4	जुलै 23, 23, 29, 29	
3.	मानक भाषा की स्वरूपगत संरचनात्मक विशेषताएं		4	जुलै 30, 30, अक्टूबर 5, 5	
4.	मानक हिंदी की विकास योजना		4	अक्टूबर 6, 6, 13, 13	
3.9.	लिपि उद्भव और विकास लिपि का तात्पर्य		4	अक्टूबर 19, 19, 20, 20	
2.	देवनागरी लिपि का उद्भव और विकास		4	अक्टूबर 26, 26, 27, 27	
3.	देवनागरी लिपि की वैज्ञानिकता		4	सितंबर 3, 3, 9, 9	
4.	इतिहासिक माध्यम संघ देवनागरी लिपि		5	सितंबर 16, 16, 23, 23, 27	
4.9.	प्रयोजनमूंक हिंदी तात्पर्य नामसूची परिभाषा		7	सितंबर 24, 30, 30	
	एवं स्वरूपगत विशेषताएं			अक्टूबर 1, 1, 14, 14	
2.	प्रयोजनमूंक हिंदी के प्रयोजन संघ प्रयुक्तियां		02	अक्टूबर 15, 15	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2010)

Faculty : Arts / Science Department : हिंदी Class : B.A./B.Sc. / M.A./M.Sc. II
 Semester : IV Paper No : VIII Paper Name : प्रयोगमूलक हिंदी
 Name Of Faculty : डॉ. राम. सी. खोत

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
१.१.	पारिभाषिक शब्दावली लापथ प्रमाणा विरोधनाय		4	तीळ 18,18,19,19	
2.	पारिभाषिक शब्दावली निदर्शना लुपिधना वृद्धी लुपिधना		4	तीळ 25,25,26,26	
3.	अपुनिय पारिभाषिक शब्दावली समस्य पं सभाधान		4	डिसे 2,2,3,3,	
४.	हिंदी शब्दसपदा पारिभाषिक शब्दावली		4	डिसे 9,9,10,10	
2.१.	राजभाषा पं राठुभाषा अवधारणा पं स्वल्प		4	डिसे 16,16,17,17	
2.	राजभाषा हिंदी को पति हारिक परिपूर्य		4	डिसे 23,23,24,24	
	साविधानिक प्राधान		४		
3.	राजभाषा हिंदी को प्रसार प्रसार कथानक कार्य पं		5	डिसे 30,30,31,31,जान 6	
४.	राजभाषा हिंदी को प्रसार प्रसार कथानक कार्य		5	जान 6,7,7,13,13.	
	म. गांधी नेताजी सुभाषचंद्र बोस डॉ. आंबेडकर				
३.१.	प्रयोगमूलक हिंदी प्रादपराधियन सिद्धांत संन्यवहर		4	जान 20,20,21,21	
2.	संन्यवहर प्रविदध सभाचार सिद्धांत संन्यवहर		4	जान 27,27,28,28	
४.१.	प्रयोगमूलक हिंदी अनुवाद संन्यवहर प्रविध		5	फेब्रु 3,3,10,10,11	
2.	काथानिक अनुवाद कथानिक अनुवाद संन्यवहर		5	फेब्रु 11,17,17,18,18	
	संन्यवहर				
3.	जानसंन्यवहर मंड्यमो अनुवाद संन्यवहर संन्यवहर		8	फेब्रु 24,24,25,25	
				मार्च 2,2,3,3	

राम. सी. खोत
Signature of Faculty

[Signature]
Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : हिंदी

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

Semister : V

Paper No : IX

Paper Name : प्रतिरिक्त भाषा साहित्य

Name Of Faculty : डॉ. रम. शी. श्रोत

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1.	प्रतिनिधि कृतान्तियों: पराधी	व्याख्यान	30	जून 25, 28, 29	
	डॉ. माधव शोनाटक			जुलै 1, 2, 5, 6, 8, 9, 12,	
				13, 15, 16, 19, 20, 22,	
				23, 26, 27, 29, 30	
				ऑक्टोबर 2, 3, 5, 6, 9, 10	
				13, 16, 19	
2.	पराधी - विष्णु भाषणे		32	ऑक्टोबर 20, 26, 27, 30, 31	
				नोवेंबर 3, 6, 7, 9, 13, 14, 16	
				20, 21, 23, 24, 27, 28	
				नोवेंबर 1, 4, 5, 11, 12, 14	
				15, 18, 19	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department :

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

Semester :

IV

Paper No :

हिंदी
XII

Paper Name :

प्रौढरीक भाषा साहित्य

Name Of Faculty :

डॉ. लम शी. शेखत

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
	मध्ययुगीन काल - डॉ. म. शी. शेखत		68	सत्र 26, 27, 28, 29 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science Department : हिंदी Class : B.A./B.Sc. / M.A. / M.Sc. III
 Semester : V Paper No : 8 Paper Name : साहित्यशास्त्र
 Name Of Faculty : डॉ. एम. सी. खोत

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
१.१.	साहित्य का शब्द संग्रह	व्याख्यान	२	जून २६, २७	
२.	संस्कृत आचार्योद्धार साहित्य की परिभाषाएँ		२	जून २८, २९	
३.	पश्चात् आचार्योद्धार साहित्य की परिभाषाएँ		२	जून ३, ४	
४.	हिंदी विद्वानों द्वारा साहित्य की परिभाषाएँ		२	जून ५, ६	
२.१.	साहित्य के तत्व: भावतत्व, विचार संग्रह, बुद्धितत्व		१२	जून १०, ११, १२, १३, १७, १८	
	कल्पना तत्व, शक्ति तत्व		४	१९, २०, २४, २५	
३.१.	साहित्य के प्रयोजन संग्रह		३	जून २६, २७, ३१	
२.	संस्कृत आचार्योद्धार प्रस्ताव साहित्य के प्रयोजन		२	ऑगस्ट १, २	
३.	पश्चात् आचार्योद्धार साहित्य के प्रयोजन		२	ऑगस्ट ३, ७	
४.	हिंदी विद्वानों द्वारा साहित्य के प्रयोजन		२	ऑगस्ट ८, ९	
४.१.	साहित्य के हेतु संग्रह		२	ऑगस्ट १०, १४	
२.	संस्कृत आचार्योद्धार साहित्य के हेतु		२	ऑगस्ट १६, २१	
३.	पश्चात् आचार्योद्धार साहित्य के हेतु		३	ऑगस्ट २२, २८, २९	
४.	हिंदी विद्वानों द्वारा साहित्य के हेतु		३	ऑगस्ट ३०, ३१, सेप्टे ४	
५.१.	शब्दशास्त्र विचार संग्रह		२	सेप्टे ५, ६	
२.	शब्दशास्त्र के प्रमुख भेद		२	सेप्टे ७, ११	

Signature of Faculty
 Shrikrishna Mahavidyalaya, Gunjoti
 Tq. Omarga Dist. Osmania

Principal
 Shrikrishna Mahavidyalaya, Gunjoti
 Tq. Omarga Dist. Osmania



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : हिंदी Class : B.A./B.Sc. / M.A. / M.Sc. III

Semester : V Paper No : 214 Paper Name : साहित्यशास्त्र

Name Of Faculty : प्रा. डॉ. राम. सी. खोत

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
१.१.	आंध्रकाश के नामक रंग परिभाषा	व्याख्यान	3	तीथे 13,14,15	
2.	आंध्रकाश के लक्षण		3	तीथे 16,20,21	
3.	आंध्रकाश के भेद		7	तीथे 22,23,27,28,29 30, 31, 4	
2.१.	छंद के नामक रंग परिभाषा		2	डिसे 5,6	
2.	छंद के लक्षण		2	डिसे 7,11	
3.	छंद के प्रमुख भेद		2	डिसे 12,13	
अ.	माणिक्य छंद - चौपाई, दोहा, सोरठा, कुंडलिनो, रोली		8	डिसे 14,18,19,20,21	
	हरिगीतिका, वरव, आच्छा			28,27,28	
आ.	वाणिक्य छंद - इन्द्रजना वसंतगीतिका, माणिक्यो		7	जाने 1,2,3,4,8,9,10	
	मदाकाता शिरजरी, अंगुलीप्रमाण, शकेश				
3.१.	साहित्य की विधाएँ एवं वर्गीकरण		2	जाने 11,15	
2.	प्रमुख विधाओं का ऐतिहासिक दृष्टिकोण		2	जाने 16,17	
3.	इच्छाकाम्य - नाटक रूपाका संज्ञानाटक		4	जाने 18,22,23,24	
	धारवाहिक				
४.	शोककाल -				
क.	कुण्ठिता - ७ प्रबंध, महाकाल, रंडकाल		2	जाने 25,29	

राम. सी. खोत
Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad

2019-20

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Academic Calendar For 180 Days

Faculty of Arts

Academic Year: (2019-20)

(Department of English)Name of Faculty Member: Shri. N. J. Pawar

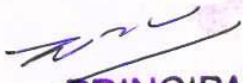
Term	Month	Working days	Theory		Practical		Total	
			BA I Periods	BA II Periods	BA III OP Periods	BA I Major Comp		
First Term	June	05	-	04	04	04	-	12
	July	27	14	20	17	17	12	80
	August	22	13	16	15	15	12	71
	September	22	12	14	16	16	12	70
	October	14	06	06	08	08	09	37
Total 1		90	45	60	60	60	45	270
Second Term	November	17	08	10	12	12	09	51
	December	25	13	20	15	15	12	75
	January	26	12	14	19	19	14	78
	February	23	11	14	14	14	10	63
	March	12	01	02	00	00	00	03
Total 2		103	45	60	60	60	45	270
Total 1 + 2		193	090	120	120	120	90	540

Total Working Days = 234

Total Teaching Days = 193

Total Theory Period = 540

Total Practical Periods = -


PRINCIPAL
 Shrikrishna Mahavidyalaya
 Gunjoti T.

Signature of Faculty Member

(N. J. Pawar)

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

TIME TABLE 2019-20

w.r.f. 02-07-2019.

Dept. *English*

Name of Teacher

Prof. N. J. Pawar

Time →	7:00	7:50	8:40	09:30	10:35	11:25	12:15	1:35	2:25	3:15	4:05	4:55
Day ↓	To 7:50	To 8:40	To 09:30	To 10:20	To 11:25	To 12:15	To 1:05	To 2:25	To 3:15	To 4:05	To 4:55	To 5:45
MON				B.A. II OPT- 20		B.A. I OPT 20	B.A. II OPT 20					
TUE				B.A. II OPT- 20		B.A. I OPT 20	B.A. II OPT 20					
WED					B.A. III OPT 20	B.A. I OPT 20	B.A. III major 3H					
THU				B.A. I Comp- 14	B.A. III OPT 20		B.A. III major 03 H					
FRI				B.A. I Comp- 14	B.A. III OPT 20		B.A. III major 03 H					
SAT				B.A. I Comp- 14	B.A. III OPT 20		B.A. III major 03 H					

Head

N. J. Pawar

Sub. Teacher

N. J. Pawar

Principal

PRINCIPAL

Shrikrishna Mahavidyalaya
Gunjoti Tq. Omega



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

2019-20

Annual Teaching - Plan Academic Year (2019-2020)

B.A. I

Opt. II

Sem-I

Faculty : Arts / Science

Department : English

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

Semester : I

Paper No : II

Paper Name : Reading Literature.

Name Of Faculty : Paway N. J.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
01.	Unit I Introduction	Lecture	02	02-07 to 03-07.	
02.	William Shakespeare - Life and Works	— —	02	08-07-2019.	
03.	Shakespeare's Sonnets	— —	04	09-07-2019.	
04.	Shakespeare's Sonnets				
	01. Sonnet No. 29.	— —	04	10-07 to 17-07.	
05.	02. Sonnet No. 60	— —	04	22-07 to 29-07	
06.	3. Sonnet No. 73	— —	04	30-07 to 05-08.	
07.	4. Sonnet No. 116	— —	04	06-08 to 08-08.	
08.	5. Sonnet No. 130	— —	04	13-08 to 20-08.	
09.	Unit-II. Fiction				
	R.K. Narayan - Life and Works	— —	02	21-08 to 22-08	
10.	Novel- The Guide-Chapterwise Summary	— —	16	26-08 to 14-10.	
11.	Revision	— —			
12.	University Written Exam			Oct/Nov. 2019.	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya
Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020) 20.

Faculty : Arts / ~~Science~~ Department : English Class : B.A./~~B.Sc./M.A./M.Sc.~~ I
 Semester : I Paper No : IV Paper Name : Reading Literature
 Name Of Faculty : Paway N. J.

2019-20
 B.A. I
 Opt - Eng.
 Sem. II
 Part - IV

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
13.	John Keats - Life and Works	Lecture	02	11-11 to 13-11	
14.	John Keats - Odes				
	1. Ode to a Nightingale	- " -	04	18-11 to 25-11	
15	2. Ode to Autumn	- " -	04	26-11 to 03-12	
16	3. Ode on a Grecian Urn	- " -	04	04-12 to 11-12	
17	Unit-II Drama				
	20th Century Drama	- " -	02	16-12 to 17-12	
18.	G.B. Shaw - Life and Works	- " -	04	18-12 to 30-12	
19.	Drama - Arms and the man	- " -	14	31-12 to 03-02	
20.	Guest Lectures, Unit Test	- " -			
21.	Revision	- " -			
22.	University Written Exam			March/April 2020.	

Signature of Faculty

PRINCIPAL
 Shrikrishna Mahavidyalaya
 Gunjoti, Dist. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

B.O. II
Eng. Opt.

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / ~~Science~~ Department : English Class : B.A./B.Sc./M.A./M.Sc. II
Semester : III Paper No : V Paper Name : Literature in English
Name Of Faculty : Pawar N. J. -1550-1750.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
01.	Introduction to the Syllabus.	Lecture	02	25 June 2019.	
02.	Background Study. The Essay - Its Definition, Origin & Kinds.	- II -	03	01-07 to 02-07	
03.	The Epic - Its Definition, Conventions and Kinds, Growth & Epic Art & Mock Epic.	- II -	03	02-07 to 08-07	
04.	Essayist - Francis Bacon Bacon - Life and Works.	- II -	03	09-07 to 15-07	
05.	Essays - 1. Of Friendship	- II -	03	22-07 to 23-07	
06.	2. Of Love	- II -	03	23-07 to 29-07	
07.	3. Of Studies	- II -	03	30-07 to 05-08.	
08.	4. Of Revenge	- II -	03	06-08 to 13-08.	
09.	5. Of Parents and Children	- II -	03	15-07 to 16-07.	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya
Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020) 20.

Faculty : Arts / ~~Science~~ Department : English Class : B.A./~~B.Sc./M.A./M.Sc.~~ II
 Semester : III - IV Paper No : V - VII Paper Name : Literature in English -
 Name Of Faculty : Pawar N. J. -1550-1750.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
10.	Poet Alexander Pope Life and Works.	Lecture	02	13-08 to 19-08.	
11.	Poem - The Rape of The Lock.	— " —	12.	19-08 to 16-09.	
12.	University Written Exam				
	Sem - IV				
13.	1. Shakespearean Tragedy - Its Characterisation & Plot	— " —	04	11-11 to 18-11	
14.	Features of Restoration Literature	— " —	03	19-11 to 25-11	
15.	William Shakespeare - Life and Works.	— " —	02	26-11-2019.	
16.	Drama - Julius Caesar	— " —	14	02-12 to 2	
17.	History of English Novel.	— " —	02	24-12 - 2019.	
18.	Daniel Defoe - Life and Works	— " —	02	30-12 - 2019.	

Signature of Faculty

Principal
 Shrikrishna Mahavidyalaya
 Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

BA III
ODT IX

Annual Teaching - Plan Academic Year (2019 -2020) 20.

Faculty : Arts / ~~Science~~ Department : English Class : B.A./B.Sc./M.A./M.Sc. III
Semester : V Paper No : IX Paper Name : 20th Century English Literature.
Name Of Faculty : Paway N.J.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
01.	Poetry - 20th Century Poetry	Lecture	02	26-06 to 27-06	
02.	T.S. Eliot - Life and Works	- " -	03	28-06 to 03-07	
03.	Poem-1. The Love Song of J. Alfred Prufrock (1917)	- " -	04	04-07 to 10-07	
04.	Poem-2. Preludes (1917)	- " -	04	11-07 to 17-07	
05.	Drama-Pyramalion-20th Century Drama	- " -	02	18-07 to 19-07	
06.	G.B. Shaw - Life and Works	- " -	04	20-07 to 26-07	
07.	Drama-Pyramalion-Actwise Summary	- " -	10	27-07 to 13-08.	
08.	Novel - Sons and Lovers 20th Century Novel.	- " -	02	14-08 to 16-08.	
09.	D.H. Lawrence - Life and Works.	- " -	04	21-08 to 29-08.	
10.	Sons and Lovers - Summary	- " -	10	30-08 to 14-09.	
11.	Revision	- " -			
12.	University Semester Exam				
				P.T.O. →	

Signature of Faculty

Principal



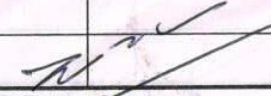
SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / ~~Science~~ Department : English Class : B.A./~~B.Sc./M.A./M.Sc.~~ III
Semester : VI Paper No : XIII Paper Name : 20th Century English
Name Of Faculty : Pawar N. J. Literature

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
13.	Poetry - W. B. Yeats's Poetry W. B. Yeats - Life and Works	Lecture	04	13-11 to 16-11	
14.	Poem-1. Easter 1916	- " -	04	20-11 to 23-11	
15.	2. The Second Coming	- " -	04	27-11 to 30-11.	
16.	3. Among School Children	- " -	04	04-12 to 07-12.	
17.	Drama - Look Back in Anger 20th Century Drama	- " -	02	11-12 to 12-12	
18.	John Osborne - Life and Works	- " -	04	13-12 to 19-12	
19.	Drama - Actwise Summary	- " -	10	20-12 to 28-01.	
20.	Novel - Lucky Jim 20th Century Novel.	- " -	02	09-01 to 10-01.	
21.	Sir Kingsley Amis - Life and Works	- " -	04	11-01 to 17-01	
22.	Summary of the Novel	- " -	10	18-01 to 05-02.	
23.	Revision - Guest Lecture	- " -			
24.	University Semester Exam				

Signature of Faculty


PRINCIPAL
Shrikrishna Mahavidyalaya
Gunjoti Tal. Chalisgaon



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

BA. III
Major
XII - XII

Annual Teaching - Plan Academic Year (2019-2020) 20.

Faculty : Arts / ~~Science~~ Department : English Class : B.A./~~B.Sc./M.A/M.Sc.~~ III
 Semester : V - VI Paper No : XII - XII Paper Name : Project Work
 Name Of Faculty : Pawar N. J.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
	Sem - V				
01.	Introduction	Lecture	02		
02.	Task - I - To Know about the Project	Guidance			
03.	Task - II - To Select the Topic for the Project.	Guidance		It is a throughout the Year Process.	
04.	Task - III - To Register the Topic.				
	Sem - VI				
05.	Completing the Project.			Feb/March 2020.	
	- x -		x		* * *

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020) 20.

Faculty : Arts / ~~Science~~ Department : English Class : B.A./~~B.Sc./MA/MSc~~ I
Semester : I Paper No : I Paper Name : Eng-Comp-Learning
Name Of Faculty : Pawar N.J. L.W Language Skills - I

B.A./I
Comp-Eng.
Sem-I
Paper-I

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
01.	Syllabus	Lecture	01	02-07-05-07.	
02.	Prose-1. The Happy Prince	— " —	04	06-07 to 13-07	
03.	Prose-2. Good Manners	— " —	03	18-07 to 20-07	
04.	Poem-1. One Day I Wrote Her Name	— " —	03	25-07 to 27-07	
05.	Poem-2. Ode on Solitude	— " —	03	01-08 to 03-08.	
06.	Prose-3. Forgetting	— " —	03	08-08 to 10-08.	
07.	Prose-4. The Eyes Are Not Here	— " —	03	16-08 to 22-08.	
08.	Poem-3. If.	— " —	03	29-08 to 31-08.	
09.	Poem-4. O My Love's Like a Red, Red Rose	— " —	03	03-09 to 07-09.	
10.	Prose-5. The Home Coming	— " —	04	12-09 to 19-09.	
11.	Poem-5. Stopping By Woods on A Snowy Evening.	— " —	03	20-09 to 26-09.	
12.	Revision	— " —			
13.	University Written Exam			04/Nov. 2019.	

Signature of Faculty

Principal

Gunjoti Tq. Omerga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

B.A.-I
Comp-Eng.

Annual Teaching - Plan Academic Year (2019 -2020) 20.

Faculty : Arts / Science Department : English Class : B.A./~~B.Sc./M.A./M.Sc.~~ I
Semester : I Paper No : I Paper Name : Eng. Comp - Learning Language Skills-
Name Of Faculty : Pawar N. J.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
14.	Syllabus	Lecture	01	14-11-2019.	
15.	Prose-6. The Bet	— " —	04	15-11 to 22-11	
16.	Prose-7. The Three Questions	— " —	03	23-11 to 29-11	
17.	Poem-6. Where The mind Is Without Fear	— " —	03	30-11 to 06-12	
18.	Poem-7. The Solitary Reaper	— " —	04	07-12 to 14-12	
19.	Prose-8. With The Photographer	— " —	03	19-12 to 21-12	
20.	Prose-9. National Prejudices	— " —	04	26-12 to 02-01	
21.	Poem-8. Ozymandias of Egypt.	— " —	03	03-01 to 09-01.	
22.	Poem-9. Laugh And Be merry	— " —	03	10-01 to 16-01	
23.	Prose-10. Playing The English Gentleman	— " —	03	17-01 to 23-01.	
24.	Poem-10. The Toys.	— " —	03	24-01 to 30-01	
25.	Revision	— " —			
26.	University Written Exam			March/April 2020.	
	— x —	— x —		— x —	

Signature of Faculty

PRINCIPAL
Shrikrishna Mahavidyalaya
Gunjoti Tq. Gunjoti

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Academic Calendar For 180 Days

Faculty of Arts

Academic Year: (2019-20)

(Department of History)

Name of Faculty Member: Bachchan S. J.

Term	Month	Working days	Theory Periods			Practical Periods	Total
			I	II	III		
First Term	June	05	04	03	06	-	13
	July	27	16	15	23	-	54
	August	22	15	16	22	-	53
	September	22	14	16	22	-	52
	October	14	10	11	16	-	37
Total 1		90	59	61	89	-	209
Second Term	November	17	08	08	17	-	33
	December	25	16	16	22	-	54
	January	26	16	17	24	-	57
	February	23	17	16	25	-	58
	March	12	08	08	12	-	28
Total 2		103	65	65	100	-	230
Total 1 + 2		193	114 + 126 + 189			-	439

= 439

Total Working Days = 193
 Total Teaching Days = 193
 Total Theory Period = 439
 Total Practical Periods = -

Bachchan S. J.
 Signature of Faculty Member

Principal
 Shri Krishna Mahavidyalaya, Gunjoti
 Dist. Dahanu



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science Department : History Class : B.A./B.Sc. / M.A./ M.Sc.
 Semister : VI Paper No : XIII (B) Paper Name : Fields of History
 Name Of Faculty : Baladev Karsis (Archeology, Museology & Tourism)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
①	प्राचीन इतिहास	Lecture method	10	11/11/19 - 21/11/19	
	अन्य विषय अड्डा			23/11/19 - 30/11/19	
	प्राचीन इतिहास विषयगत, प्राचीन इतिहास के विभिन्न शाखाएँ -			2019	
	इतिहास के विभिन्न शाखाएँ -		10	25/11/19 to 18/12/19	
②	प्राचीन इतिहास प्रक्रिया (process)			20/12/19 - 31/12/19	
	प्राचीन इतिहास के अर्थ, प्राचीन इतिहास के अर्थ, प्राचीन इतिहास के अर्थ			2019	
	प्राचीन इतिहास के अर्थ, प्राचीन इतिहास के अर्थ				
	प्राचीन इतिहास के अर्थ, प्राचीन इतिहास के अर्थ				
③	इतिहास शास्त्र		10	15/12/19 - 18/12/19 2020	
	इतिहास शास्त्र के अर्थ, इतिहास शास्त्र के अर्थ			20/12/19 - 31/12/19	
	इतिहास शास्त्र के अर्थ, इतिहास शास्त्र के अर्थ			2019 - 2020	
	अर्थ				
④	इतिहास शास्त्र के अर्थ		10	1/1/20 to 17/1/20	
				18/01/20 to 24/01/20	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : History

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

Semester : IV

Paper No : VIII (8)

Paper Name : History of Ancient India

Name Of Faculty : _____

300 B.C. TO 647 AD

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
①	કાચ્છ - પુરાણ વીજ - વાસ: મનોજ કાચ્છ	lecture methods	10	11/11/19 25/11/2019 25/11/19 - 30/11/19	
②	કાચ્છના અર્થશાસ્ત્રીની કૃતિઓ - સુગ્રીવ અને શુભર કાચ્છ, કાચ્છના અર્થશાસ્ત્રી કાચ્છના અર્થશાસ્ત્રીની કૃતિઓ - પુણ્યની ભાગ્ય શાસ્ત્ર - 13/12/19 વાચાશ્રી અને દર્શન - 24/12/19	// // // //	10	2/12/19 - 13/12/19 11/12/19 - 24/12/19 26/12/19 - 31/12/19	
③	કાચ્છના અર્થશાસ્ત્રીની કૃતિઓ - કાચ્છના અર્થશાસ્ત્રીની કૃતિઓ - કાચ્છના અર્થશાસ્ત્રીની કૃતિઓ - કાચ્છના અર્થશાસ્ત્રીની કૃતિઓ -	// // // //	12	2019 . 1/1/2020 10/1/2020 12/1/2020	
④	કાચ્છના અર્થશાસ્ત્રીની કૃતિઓ - કાચ્છના અર્થશાસ્ત્રીની કૃતિઓ - કાચ્છના અર્થશાસ્ત્રીની કૃતિઓ -	// // //	08	10/2/2020 2020	
⑤	કાચ્છના અર્થશાસ્ત્રીની કૃતિઓ - કાચ્છના અર્થશાસ્ત્રીની કૃતિઓ - કાચ્છના અર્થશાસ્ત્રીની કૃતિઓ -	// // //	10	1/3/2020 - 10/3/2020 10/3/2020 12/3/2020	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti,
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : History

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

Semester : II

Paper No : III

Paper Name : History of Maratha

Name Of Faculty : Baladev Karas

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
①	सहायकी इंग्रज पुराणाचे संक्षेप १८१८-१८१९	Lecture Method	⑩	११ नोव्हें - २० नोव्हें २२ नोव्हें - ३१ नोव्हें	
	पुरावा साधनाचे विवरण -	॥			
②	पुरावा साधनाचे पध्दती मराठी संशोधन विचार पाठ्यपुस्तके वी.के. कुर्से इ.के. व पुराणे	॥ ॥ ॥	⑫	१५ नोव्हें - १७ नोव्हें २१ नोव्हें - ३१ १५ नोव्हें - २०१९	
③	मराठी संशोधन पुस्तकालय	॥	०८	२ जाने १७ जाने २०२०	
④	भाष्य व साधनाचे पुरावे	॥	⑩	२० जाने ३१ जाने २०२०	
		॥			
⑤	विशेष मराठी संशोधन - मराठी संशोधन विचार	॥	⑬	१ मार्च - १८ मार्च	
	मराठी संशोधन विचार - साधनाचे पुरावे	॥		१९ मार्च - २९ मार्च	
	पुरावे साधनाचे पुरावे	॥		२०२०	
	मराठी संशोधन	॥			
	नव्याने व साधनाचे पुरावे साधनाचे पुरावे	॥			

Baladev Karas
Signature of Faculty

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



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : History

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

Semester : V

Paper No : 10

Paper Name : Historiography

Name Of Faculty : Badalker S.S.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
①	ಇತಿಹಾಸ - ಉದ್ದೇಶ ಮತ್ತು ಮಹತ್ವ	Lecture method	⑩	25/07 - 29/07	
	ಇತಿಹಾಸದ ಮೂಲ - ಇತಿಹಾಸದ ಉದ್ದೇಶ			2/08 - 6/08 2019	
	ಶಾಸ್ತ್ರೀಯ ಇತಿಹಾಸದ ಉದ್ದೇಶ			8/08 - 12/08	
②	ಇತಿಹಾಸದ 9 ವಿಭಾಗಗಳು ಮತ್ತು ಶಾಸ್ತ್ರೀಯ -		⑩	15/08 - 22/08 2019	
	ಇತಿಹಾಸ - ಆಧುನಿಕ ಶಾಸ್ತ್ರೀಯ ಇತಿಹಾಸದ 9 ವಿಭಾಗಗಳು			29/08 - 31/08 2019	
	ಇತಿಹಾಸದ 9 ವಿಭಾಗಗಳು ಮತ್ತು ಇತಿಹಾಸದ 9 ವಿಭಾಗಗಳು				
	ಇತಿಹಾಸದ 9 ವಿಭಾಗಗಳು ಮತ್ತು ಇತಿಹಾಸದ 9 ವಿಭಾಗಗಳು				
	ಇತಿಹಾಸದ 9 ವಿಭಾಗಗಳು ಮತ್ತು ಇತಿಹಾಸದ 9 ವಿಭಾಗಗಳು				
	ಇತಿಹಾಸದ 9 ವಿಭಾಗಗಳು ಮತ್ತು ಇತಿಹಾಸದ 9 ವಿಭಾಗಗಳು				
③	ಇತಿಹಾಸದ ಮಹತ್ವ -		12	1/09/2019	
	ಇತಿಹಾಸದ ಮಹತ್ವ -			14/09/2019	
	ಇತಿಹಾಸದ ಮಹತ್ವ -			26/09/2019	
④	ಇತಿಹಾಸದ ಮಹತ್ವ -		08	31/09/2019	
	ಇತಿಹಾಸದ ಮಹತ್ವ -				
⑤	ಇತಿಹಾಸದ ಮಹತ್ವ -		10	01/10/2019	
	ಇತಿಹಾಸದ ಮಹತ್ವ -			14/10/2019 - 30/10/2019	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : History

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

Semester : III

Paper No : V

Paper Name : Early History of India

Name Of Faculty : Baladekars S.

(UP to 3000 B.C.)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
①	इतिहास की परिभाषा युगानुक्रमिकता का अर्थ	Lecture method	⑩	25/3/19 to 29/3/19	
②	होमो इरेक्टस का विकास, विकास, वंश- -वृक्ष.	11	⑩	10/3/19 to 10/3/19	
③	प्रागैतिहासिक काल प्रागैतिहासिक काल, पूर्व व- उच्च पूर्व- काल - कालों का अर्थ, प्रागैतिहासिक काल	11	⑩	15/3/19 to 20/3/19	
④	आर्यों का आगमन - पूर्व काल - विकास, प्रागैतिहासिक काल पूर्व काल - पूर्व काल - विकास, प्रागैतिहासिक काल पूर्व काल - विकास, प्रागैतिहासिक काल	11	⑩	2/4/19 to 19/4/19 22/4/19 to 31/4/19	
⑤	मौर्य काल - मौर्य काल - विकास, प्रागैतिहासिक काल	11	⑩	3/5/19 to 12/5/19 14/5/19 to 24/5/19 24/5/19 to 30/5/19	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omega Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : History Class : B.A./B.Sc./M.A./M.Sc.
 Semester : I Paper No : I Paper Name : History of Maratha
 Name Of Faculty : Baldeo Kar S.S.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
①	महाराष्ट्र शासना - 34	Lecture method	10	25/09/19 - 10/10/19	
	महाराष्ट्र शासना मराठा साम्राज्य - सार्वभौमिक	"		20/10/19 - 10/11/19	
	यादव मराठा	"		14/11/19 - 15/11/19	
②	विवाहीनी यादवी मराठा -	"	10	17/11/19 - 27/11/19	
	दिवस यादवी मराठा	"		29/11/19 - 8/12/19	
	महाराष्ट्र शासना, महाराष्ट्र शासना	"		10/12/19 - 12/12/19	
	यादवी मराठा मराठा	"		12/12/19 - 20/12/19	
③	विवाहीनी मराठा मराठा	"	12	28/12/19 - 8/1/20	
	महाराष्ट्र शासना मराठा	"		10/1/20 - 20/1/20	
	महाराष्ट्र शासना मराठा	"		24/1/20 - 30/1/20	
	महाराष्ट्र शासना मराठा	"			
④	विवाहीनी मराठा मराठा	"	08	1/2/20 - 4/2/20	
	महाराष्ट्र शासना मराठा	"		7/2/20 - 14/2/20	
	महाराष्ट्र शासना मराठा	"			
	महाराष्ट्र शासना मराठा	"			

Signature of Faculty

Principal
 Shrikrishna Mahavidyalaya, Gunjoti
 Tq. Omerga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Academic Calendar For 180 Days

Faculty of Arts

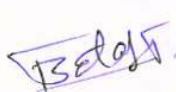
Academic Year: (2019-20)

(Department of History)

Name of Faculty Member: MR. Botewad B. G.

Term	Month	Working days	Theory Periods				Practical Theory Periods	Total
			I	II	III	IV		
First Term	June							
	July	25	08	06	11	10	35	
	August	22	15	14	15	15	59	
	September	22	14	16	10	14	54	
	October	14	11	12	08	07	38	
Total 1		83	48	48	44	46	186	
Second Term	November	17	11	12	11	11	45	
	December	25	17	16	17	17	67	
	January	26	18	16	18	18	70	
	February	23	15	16	11	15	57	
	March	12	10	10	08	07	35	
Total 2		103	71	70	65	68	274	
Total 1 + 2		186					460	

Total Working Days = 186
 Total Teaching Days = 186
 Total Theory Period = 460
 Total Practical Periods = -


 Signature of Faculty Member



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : History

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

Semester : I

Paper No : II

Paper Name : आद्युक्तिक महाराष्ट्राचा इतिहास

Name Of Faculty : Mr. Botewad B.G.

इ.स 1818-1905

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
[1]	ब्रिटिश राजवटीचे प्रारंभिक स्वरूप प्रशासन, शिक्षण, कृषि क्षेत्रे विसयानुसार कार्य		09	15 July to 30 July	
[2]	महाराष्ट्राची सामाजिक, आर्थिक व धार्मिक स्थिती		08	1 Aug to 13 Aug	
[3]	समजसुधारक, गोपाळ हरी देशमुख, महात्मा फुले महादेव गोविंद रानडे, गोपाळ गणेश आगरकर		10	16 Aug to 6 Sept.	
[4]	वसाहतवादी राजवटीस प्रारंभीचा प्रतिकार 1] रामेशी शिंदे व कौळ्याचे वंडे 2] 1857 चा उठाव व महाराष्ट्र 3] वासुदेव वसवत फडके यांचे वंडे		12	7 Sept to 28 Sept	
[5]	महाराष्ट्रातील स्वातंत्र्य चळवळ [अ] बॉम्बे असोसिएशन [ब] पुणे सार्वजनिक सभा [क] भारतीय राष्ट्रीय काँग्रेस 1885 गोखले व टिळक		10	1 Oct to 19 Oct.	

Mr. Botewad B.G.
Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : History

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

Semester : II

Paper No : III

Paper Name : 20 व्या शतकालीन महाराष्ट्र इ.स. 1905 ते 1960

Name Of Faculty : Botewad B G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
[1]	स्वातंत्र्य चळवळ 1) सुरत फौजेचे परिणाम 2) क्रांतिकारी चळवळ, आभिनव भारत होमरूल चळवळ		12	14 Nov to 30 Nov	
[2]	महाराष्ट्रातील स्वातंत्र्य चळवळ 1920-1947 1) असहकार चळवळ 2) सार्वजनिक कायदेभंग चळवळ 3) भारत छोडो चळवळ		12	3 Dec to 21 Dec	
[3]	महाराष्ट्रातील सामाजिक चळवळी 1) ब्राह्मणेतर चळवळ, शाहु महाराज केशवराव जेधे 2) दलित चळवळ डॉ. बी.आर. आंबेडकर 3) शिक्षण, कर्मवीर भादुराव पाटिल पंजाबराव देशमुख		12	24 Dec to 11 Jan	
[4]	हैद्राबाद मुक्तीलढा [मराठवाडा प्रदेश]		09	16 Jan to 31 Jan	
[5]	महाराष्ट्राची जमिनी 1) स्वतंत्र मुवई राज्य 2) संयुक्त महाराष्ट्राची जमिनी		12	1 Feb to 22 Feb	
(6)	महाराष्ट्रातील शेतकरी चळवळ व कामगार चळवळी		12	25 Feb to 14 March	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : History

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

Semester : III

Paper No : VI

Paper Name : दिल्ली सल्तनतचा इतिहास
इ.स. 1200 ते 1526

Name Of Faculty : Mr. Botewad B G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
(1)	दिल्ली सुल्तानशाहिया इतिहासाची साधने		08	19 July to 2 Aug	
(2)	राजकीय इतिहास - साक्षिण आढावा 1) तुर्कचे भारतावर आक्रमण, दिल्ली सुल्तान शाहिया स्थापना. 2) धिल्लजी, तुललक व लोदीची कारकिर्द 3) विजयनगर साम्राज्य व बहामनी		10	3 Aug to 30 August.	
(3)	सुल्तानशाहियाची धोरण व प्रशासन		10	31 Aug to 14 Sept.	
[4]	आर्थिक व सामाजिक जीवन		05	20 Sept to 27 Sept	
[5]	सुल्तानशाहिया काळखंडातील धर्म,		05	27 Sept to 4 Oct.	
[6]	संस्कृती 1] साहित्य 2] कला 3] वास्तुकला		10	5 Oct to 19 Oct	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Mumbai District, Maharashtra



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : History

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

Semester : IV

Paper No : VIII

Paper Name :

Name Of Faculty : Mr. Botewad B G.

मोगलकालीन भारताचा इतिहास
इ.स. 1526 ते 1707

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
[1]	मोगलकालीन भारताचा इतिहासाची साधने		10	15 Nov to 29 Nov	(1)
[2]	मोगलकालीन राजकीय इतिहासाचा सौक्ष्मिक अभ्यास.		10	30 Nov to 14 Dec	(2)
[3]	मोगलकालीन प्रशासन.		12	20 Dec to 4 Jane	(3)
	1) राज्याचे स्वरूप				
	2) सत्ताधारी वर्ग सरदार, जमिनदार, मनसबदार व जहागिरदार				
[4]	धार्मिक आणि सामाजिक जीवन		15	10 Jane to 01 Feb	(4)
	1) धार्मिक जीवन, धोरण इस्लामचा प्रसार सुफिवाद, हिंदुधर्म, वैष्णव व शिख पंथ				(5)
	2) समाज - सामाजिक रचना, गुलामगिरी शिक्षण, व समाजात स्त्रियांचे स्थान				(6)
[5]	आर्थिक स्थिती कृषी उद्योग - चलन		10	1 Feb to 21 Feb	(7)
			13	22 Feb to 14 March	
[6]	कला, स्थापत्य आणि साहित्य				

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Qmerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : History

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

Semester : V

Paper No : X

Paper Name : भारतीय स्वातंत्र्य चळवळीचा इतिहास
इ.स. 1885-1947

Name Of Faculty : Mr. Botewad B.G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
[1]	पार्श्वभूमी : भारतीय ब्रिटिशसत्तेचे स्वरूप द्वयैय चोरोन आणी प्रवासन.		09	15 July to 29 JULY	
[2]	भारतातील राष्ट्रवादाचा उदय. कारण विकास व महत्व		09	30 July to 13 Aug	
[3]	भारतीय राष्ट्रीय काँग्रेस आणी राष्ट्रीय चळवळ, 1) भारतीय राष्ट्रीय काँग्रेसचा उदय 2) महात्मा गान्धी व जहालगांधींचे नेतृत्व शिक्षक लाल, बाल, पाल ना. गौखले		10	14 Aug to 3 Sept	
[4]	भारतातील क्रांतिकारी चळवळ, क्रांतिकारी चळवळीचा उगम, स्वरूप व महत्व		10	4 Sept 24 Sept	
[5]	महात्मा गान्धी जिव्हा नेतृत्वाखालील राष्ट्रीय चळवळ 1920-1947		05	25 Sept to 03 Oct	
(6)	जातीयवादाचा उदय; भारताची फाळणी व भारतीय स्वातंत्र्य		05	9 Oct to 15 Oct	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : History

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

Semester : VI

Paper No : XI

Paper Name :

Name Of Faculty : Mr. Botewad B. G.

(major)

आधुनिक चिन्ता इतिहास
इस. 1900 - 1950

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
[1]	20 व्या शतकातील पाश्चिमा देशातील -चिन्ती राजकीय व आर्थिक परिस्थिती		08	15 July to 26 July	
[2]	4 मेची-चक्रवर्त (1919) कारणे स्वरूप व महत्व.		05	29 July to 5 Aug	
[3]	चिन्ती कम्युनिस्ट पक्षाची स्थापना : त्यांचे कोमिटेन व कोमिटेनशी संबंध		10	6 Aug to 26 Aug	
[4]	कोमिटेन - कम्युनिस्ट संघर्ष इस. 1928-1935		10	27 Aug to 16 Sept	
[5]	इस. 1936 ते 1945 या काळातील चिन्ती		06	18 Sept to 30 Sept	
[6]	माव झेडिंग आणि त्याची चिन्ती साभ्यवादी क्रांतिदलाची भूमिका		07	1 Oct to 16 Oct	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

65

Faculty : Arts / Science

Department : HISTORY

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

Semester : VI

Paper No : XIV

Paper Name : जागतिक घडामोडीचा इतिहास

Name Of Faculty : Mr. Botewad B.G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
[1]	युरोपमधील प्रबोधन चळवळ आणि सुधारणा		09	11 Nov to 26 Nov	
[2]	अमेरिकन स्वातंत्र्य युद्ध : कारणे स्वरूप - महत्त्व आणि परिणाम		09	27 Nov to 11 Dec	
[3]	फ्रेंच राज्यक्रांती : कारणे स्वरूप वैचारिक पार्श्वभूमी आणि परिणाम		12	12 Dec to 02 Jan	
[4]	औद्योगिक क्रांती : अर्थ क्रांतीची सुरवात स्वरूप व जगावरील क्रांतीचे परिणाम		12	6 Jan to 27 Jan	
[5]	पहिले महायुद्ध कारणे परिणाम इ.स. 1914 - 1918 स्वरूप कारणे परिणाम महत्त्व		10	28 Jan to 13 Feb	
[6]	रशियन राज्यक्रांती इ.स. 1917 कारणे, स्वरूप परिणाम, बोलशेविक क्रांती 1917 लेनिन व त्याचे कार्य नविन आर्थिक धोरण स्टॅलिनच्या पंचवार्षिक योजना		08	17 Feb to 3 March	
[7]	दुसरे महायुद्ध इ.स. 1939-1945 कारणे स्वरूप परिणाम - वाटचाल		05	03 March to 12 March	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2010)

Faculty : Arts / Science

Department : HISTORY

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

Semister : VI

Paper No : XVI

Paper Name : मराठवाड्याचा साक्षिप्त इतिहास

Name Of Faculty : Mr. Botewad B. G.

(major)

इ.स.पूर्व ते इ.स. 1948

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
[1]	राजकीय मराठवाड्याचा इतिहास: साक्षिप्त आढावा.		10	11 Nov to 27 Nov	
[2]	धार्मिक चळवळी : ब्रह्मण बौद्ध, जैन महानुभाव वीरशैव दारुणी चळवळ		15	29 Nov to 24 Dec	
[3]	कला आणि स्थापत्यशास्त्र : लेणी स्थापत्यशास्त्र मंदिर स्थापन व किल्ले स्थापत्य.		18	27 Dec to 28 Jan	
[4]	मिजामकालीन हैद्राबाद, नैसर्गिक नियम व मिजाम विरोधातील लढा 1948		15	29 Jan to 25 Feb	
[5]	हैद्राबाद स्वातंत्र्य संग्राम (मराठवाडा) इ.स. 1937 ते 1948 प्रदेश.		10	28 Feb to 13 march.	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Academic Calendar For 180 Days

Faculty of Social Science.

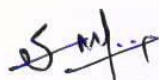
Academic Year: (2019-20),

(Department of Geography)

Name of Faculty Member: Dr. M.T. Suoyawanshi

Term	Month	Working days	Theory	Practical	Total
			Periods I + II + III	Periods I + III	
First Term	June	05			
	July	27.	19+18+19	15 + 12	
	August	22	15+16+15	09 + 12	
	September	22	14+15+14	12 + 12	
	October	14.	09+10+09	06 + 09	
Total 1		90.	57 + 59 + 57	42 + 45	260.
Second Term	November	17.	11 + 11 + 11	09 + 09	
	December	25	17+18+17.	15 + 12	
	January	26.	18 + 17 + 18	12 + 12	
	February	23	15+15+15	12 + 12	
	March	12	05+06+05	03 + 06.	
Total 2		103	86+67+86	51 + 51	341
Total 1 + 2					601

Total Working Days = 284
 Total Teaching Days = 193
 Total Theory Period = 412
 Total Practical Periods = 189.


 Signature of Faculty Member



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201 -201)

Faculty : Arts / Science

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

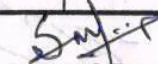
Semester : Ist.

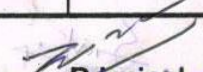
Paper No : I

Paper Name : Elements of Phy. Geography

Name Of Faculty : 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 Phy. Geography.	lect. Use of map Instruments & Diagrams.		1 July 2019 to 31 July 2019	
II	Lithospheres: Interior of the Earth, Wegner's continental drift theory, Isostasy and Plate Tectonic Theories.	—		1-31 Aug 2019	
III	Earths movements: Vertical & Horizontal, processes of folding causes and effect, processes of faulting. causes and effect. Volcanoes and Earthquakes.	—		1-30 sept 2019	
IV	Recks: Classification of rocks on the basis of origin. Properties of different rocks.	—		1-19 Oct 2019	


Signature of Faculty


Principal
Shrikrishna Mahavidyalaya, Gunjoti

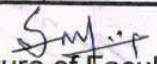


SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (201 -201)

Faculty : Arts / Science Department : Geography Class : B.A./B.Sc. / M.A. / M.Se.
 Semester : IInd Paper No : III Paper Name : Geography of Landform.
 Name Of Faculty : 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, Evolution and types of landforms, concept of cycle of Erosion.	Lect, use of Map Instruments and		11-30 Nov. 2019	I
II	Weathering : Types & classification of weathering mechanical, chemical & biological. Soil formation	Diagrams		1-31 Dec. 2019	II
III	Geographic Agents and processes. Erosion, Transportation, Disposition Landforms produced by river, winds and sea waves.	—n—		1-31 Jan 2020.	III
IV	Land form produced by Glacier and Underground water. Applied Geomorphology and Settlement, Geomorphology & Landuse, Geomorphology and Resources.	—n—		1-28 Feb. 2020.	IV
				1-30 Mar 2020.	


Signature of Faculty


Principal

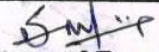


SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

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

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	Weather & Climate: Definition, nature & scope of climatology, significance composition and structure of Atmosphere, weather & climate.	lect. Use of map, Instrument & Diagrams.		1-31 July 2019	
II	Insolation & Temperature: Definition of insolation & Temp; Heat Budget of the Earth, Factors affecting the distribution of solar energy. Distribution of Temp: Vertical & horizontal Range of Temperature.	—u—		1-31 Aug. 2019	
III	Atmospheric pressure & winds: Evaporation & condensation, Hydrological cycle. Types of precipitation, World pattern of R.F. Regional & Seasonal distribution Air masses, Fronts cyclones.	—u—		1-30 Sept. 2019	
IV	Role of climate in human life: Pollution & Global Warming, General Causes, Consequences.	—u—		1-31 Oct.	


Signature of Faculty


Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Chhatrapati



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2010)

Faculty : Arts / Science

Department : Geography

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

Semester : IV

Paper No : VIII

Paper Name : Oceanography

Name Of Faculty : 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 &		11-30 Nov. 2019	
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 —		1-31 Dec. 2019	
III	Salinity Temp. of oceanic water: Salinity Causes, factors of oceanic water. Distribution of Salinity in the world. Distribution of Temp. in ocean water.	—		1-31 Jan 2020.	
IV	Marine Deposits & Coral Reefs: Ocean Deposition. shallow sea. deposits, Deep sea Deposits, Types of Corals. Ocean as a storehouse of resources for the future.	—		1-29 Feb. 2020. 1-14 Mar. 2020.	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : Geography Class : B.A./B.Sc. LM.A./M.Sc. III
Semester : V Paper No : XI Paper Name : Phy. Geog. of India
Name Of Faculty : 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 South East & South Asia.	Lect, Use of map		1-31 July 2019	
	India: a land of diversities, Unity within diversities, shape, size physical land scope of India.	Instruments & Diagrams			
II	Drainage systems of India. Their functional significance. Climate Regional & Seasonal Variations of climate. The Monsoons.	— " —		1-31 Aug -2019	
III	soil types of India. Their distribution and characteristics.	— " —		1-30 Sept. 2019	
IV	Natural Vegetation: Forest types and Their distribution. in India.	— " —		1-19 Oct. 2019	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omega Dist. Cernate

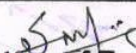


SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

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 : 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		1-31 July 2019	
	① Chain & Tape Survey. ② Plane Table survey	Instruments &			
	③ Prismatic Compass Survey	Diagrams		1-31 Aug. 2019	
B)	Field Survey. Using Plane Table & Prismatic	—			
	Compass Survey.				
	i) Open Travers. Method.				
	ii) Close —				
II. ①	Prismatic Compass Survey.	—		3-30 Sept. 2019	
	① open. ② close.				
②	Importance of Aerial photography in				
	Geographical Study.	—		1-19 Oct. 2019	
	i) Instruments used for Aerial Survey.				
	ii) Scale of Aerial Photo.				


Signature of Faculty


Principal
Shrikrishna Mahavidyalaya
Tq. Omarga Dist. Osmanabad

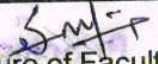


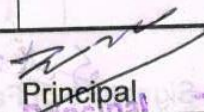
SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : Geography Class : B.A./B.Sc. / M.A./M.Sc. III
Semester : V & VI Paper No : XVIII Paper Name : Practical Geography
Name Of Faculty : 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			11-30 Nov. 2019	
	1) Whole circle Bearing				
	2) Reduced Bearing				
	3) FB, BB of WCB.			2-31 Dec. 2019	
	4) FB, BB of RB.				
	5) Conversion of Bearing				
	@ WCB into RB.			1-31 Jan 2020.	
	@ RB into WCB.				
IV	1) Correction of Bearing.			1-28 Feb. 2020	
	2) Closing Error by Bowditch Method				
	3) Determination of the height with the help of Abney level.			1-29 Mar. 2020.	
V	Representation in Geog. Excursion & Submission of Report.				
VI	Certified Journal & Viva-Voce.			1-24 March 2020.	


Signature of Faculty


Principal

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Academic Calendar For 180 Days

Faculty of Social science

Academic Year: (2019-20)

(Department of Geography)

Name of Faculty Member: Koli R.G.

Term	Month	Working days	Theory Periods			Practical Periods		Total
			BAI	II	III	II	III	
First Term	June	05	02	04	4+4	09	12	26
	July	27	17	16	17+18	12	12	94
	August	22	16	16	16+15	12	15	90
	September	22	15	16	16+15	12	12	86
	October	14	10	11	10+10	09	09	59
Total 1		90	60	63	63+69	54	60	352
Second Term	November	17	11	14	12+11	09	09	66
	December	25	18	15	16+16	12	12	89
	January	26	16	19	18+17	15	15	100
	February	23	16	17	16+16	12	12	89
	March	12	08	08	08+08	06	06	44
Total 2		103	69	73	70+68	54	54	388
Total 1 + 2		193	129	136	133 130	108	114	740

Total Working Days = 193
 Total Teaching Days = 740
 Total Theory Period = 528
 Total Practical Periods = 222

Signature of Faculty Member



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

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

Semester : I

Paper No : II

Paper Name : Human Geography

Name Of Faculty :

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	मानवी भूगोल - व्याख्या	व्याख्यान-चर्चा	04	26.06.19-10.7.19	I
	मानवी भूगोल - स्वरूप	उदाहरण-	04	20.07.19 - 08.7.19	
	मानवी भूगोल - व्याप्ती	प्रश्नोत्तरे	03	8.7.19 - 14.7.19	
	मानवी भूगोलाच्या शारवा	— 11 —	03	15.7.19 - 21.07.19	II
II	निसर्ग-मानव सहसंबंध - संकल्पना	— 11 —	04	22.7.19 - 30.7.19	
	पर्यावरणाचे प्रकार	— 11 —	04	1.8.19 - 7.8.19	
	शक्यतावाद	— 11 —	04	8.8.19 - 15.8.19	
	संभाव्यतावाद	— 11 —	04	16.8.19 - 23.8.19	
	धांवा व जा वाद	— 11 —	04	24.8.19 - 30.8.19	III
III	वंश गट - नैसर्गिक व सामाजिक संरचना	— 11 —	04	1.9.19 - 7.9.19	
	वांशिक गट - आदिम जमाती - जगभर भारत	— 11 —	04	8.9.19 - 15.9.19	
	एस्कीमी, बुशमन, मसई, गोंड व बज्जर	— 11 —	04	16.9.19 - 21.9.19	IV
IV	मानवी वसाहती - निर्मितीचे चटक	— 11 —	04	22.9.19 - 30.9.19	
	वसाहत प्रकार व वसाहतीची प्रारूपे	— 11 —	04	1.10.19 - 11.10.19	
	वसाहतीचे कार्यात्मक वर्गीकरण	— 11 —	03	12.10.19 - 19.10.19	
			-		

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : Geography

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

Semister : 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	लोक. भूगोल - व्याख्या - स्वरूप	व्याख्यान -	04	26.06.19-17.7.19	
	व्याप्ती व महत्व	थर्ची-उदाहरण	03	20.7.19 - 07.7.19	
	लोक. विषयक सांख्यिकीची उगमरुभौत	नकाशा वापर	04	7.7.19 - 14.7.19	
II	लोकसंख्या वितरण - वितरणावर परिणाम	-11-	04	15.7.19 - 23.7.19	
	करणारे घटक - 1 लोकसंख्या - घनता	-11-	04	24.7.19 - 1.8.19	
	जगातील व भारतातील लोक वितरणाची	-11-	03	04.8.19 - 15.8.19	
	प्रारूपे - जनन आणि मृत्युता	-11-	04	16.8.19 - 27.8.19	
	भारतातील व जगातील लोक वितरण विभाग	-11-	04	28.8.19 - 6.9.19	
III	लोकसंख्या रचना - लिंग, वय रचना -	-11-	04	7.9.19 - 14.9.19	
	लोक. रचनेची जागतिक प्रारूपे - भारतातील	-11-	04	15.9.19 - 22.9.19	
	लोकसंख्या रचना.	-11-	04	29.9.19 - 6.10.19	
IV	स्थानांतर - व्याख्या - वर्गीकरण -	-11-	05	7.10.19 - 14.10.19	
	स्थानांतरावर परिणाम करणारे घटक	-11-	05	14.10.19 - 18.10.19	
	स्थानांतर: जागतिक व भारतातील परिणाम	-11-	04	19.10.19 - 20.10.19	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tal. Omega Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

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	हवामान उपकरणांचा अभ्यास - साद्या तपमापक, क्रमांत व किमान तपमापक, ओल्मा व कोरड्या फूग्यांचा तपमापक	उपकरणे वापर - आकृती - रचना	06	26.6.19 - 30.7.19	
	- निर्द्रव वायुभारमापक - फॉर्टिनचा वायुभारमापक - वातकुंड	उपभोग - उदाहरण	06	17.7.19 - 27.7.19	
	- वायु वेग मापक - आर्द्रता मापक	- 11 -	06	28.7.19 - 7.8.19	
II	I DWR - सांकेतिक चिन्हे व खूणा - नकाशा	- 11 -	03	8.8.19 - 15.8.19	
	वाचन - उज्हाळा - पावसाळा - हिवाळा	- 11 -	06	17.8.19 - 30.8.19	
III	नकाशात्मक ज्ञान - व्यस्तता, स्वरूप, व्याप्ती, महत्व - हवामान	- 11 -	06	1.9.19 - 13.9.19	
	विषयक सांख्यिकीच्या साहाय्याने - तपमान आर्द्रता, तपमान प्रगती	- 11 -	03	14.9.19 - 20.9.19	
	वातपृष्ण, समोच्चरेखा, समतापरेखा	- 11 -	12	21.9.19 - 21.10.19	
IV	सांख्यिकीच्या साहाय्याने - रेखा व खणमापके, विभाजित वर्तुळ	- 11 -	09	10.11.19 - 19.11.19	
	विभाजित आयत, टिंब पद्धत, स्त्रायापद्धत - स्थानांकित वर्तुळ	- 11 -	09	20.11.19 - 29.11.19	
	थोरस व गोल्ड दर्शकित	- 11 -	09	30.11.19 - 10.12.19	
V	पृथ्वीचे भोजभाषण - अक्षांश, रेखांश - वृद्धवर्तुळ - नकाशा	- 11 -	10	11.12.19 - 26.12.19	
	प्रक्षेपण - वर्गिकरण - उपभोग - खमद्यक्षुविय, समक्षेत्र	- 11 -	10	27.12.19 - 16.1.20	
	शंकू, द्विप्रमाण, साद्ये दंडगोळीय, समक्षेत्र दंडगोळीय	- 11 -	10	17.1.20 - 14.2.20	
	खमद्य केडीय प्रक्षेपण तयार करणे	- 11 -	10	25.2.20 - 14.3.20	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : Geography

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

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	पर्यावरणशास्त्र - व्याख्या - स्वरूप -	व्याख्यान	04	26.6.19-4.7.19	
	व्याप्ती - महत्त्व - पर्यावरणाचे प्रकार.	उदाहरण-थर्चा प्रश्नोत्तरे	04	5.7.19 - 12.7.19	
II	परिस्थितीकी - जैविक घटक व अजैविक घटक	-11-	04	13.7.19-20.7.19	
	संकल्पना - जीव-जीवसमूह - जैविक	-11-	04	21.7.19 - 28.7.19	
	समाज - लोकसंस्था	-11-	04	29.7.19 - 7.8.19	
III	परिसंस्था - परिसंस्थेची मूळतत्वे - परिसंस्था	-11-	06	8.8.19 - 18.8.19	
	रचना - प्रदूषण द्रव्यांचे चर्चीकरण - परिसंस्था	-11-	06	19.8.19 - 29.8.19	
	कार्य - उर्जाप्रवाह - अन्नसारकी - अन्न जाळी	-11-	06	30.8.19 - 9.9.19	
	परिस्थितीकी मंगोरा - परिसंस्था प्रकार.	-11-	06	10.9.19 - 22.9.19	
IV	परिसंस्था समस्या - जागतिक तपमान वाढ -	-11-	04	23.9.19 - 30.9.19	
	अन्न सुरक्षा सुरक्षा - निर्वाणिकरण - प्लास्टिक	-11-	08	1.10.19 - 13.10.19	
	आम्ल पर्जन्य	-11-	04	14.10.19 - 19.10.19	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : Geography

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

Semester : VI

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	महा. ती औद्योगिक विकासाचे स्वरूप - व्याप्ती	व्याख्यान	04	26.6.19 - 3.7.19	I
	उद्योगाच्या स्थानिकीकरणावर परिणाम करणारे घटक	चर्चा - नकाशा	06	4.7.19 - 13.7.19	
		उदाहरण			
II	महा. ती उद्योगाचे वितरण व प्रकार -	—11—	06	14.7.19 - 24.7.19	
	• कापड उद्योग • साखर उद्योग - जैव	—11—	06	25.7.19 - 3.8.19	
	रसायन उद्योग - स्वयंचालित उद्योग	—11—	06	6.8.19 - 14.8.19	II
III	महा. ती औद्योगिक पट्टे व त्याची वैशिष्ट्ये	—11—	07	16.8.19 - 26.8.19	
	• उद्योग धंद्यांच्या महाराष्ट्राच्या विकासावर	—11—	07	17.8.19 - 26.8.19	
	इस्राबेला प्रभाव.	—11—	02	7.9.19 - 15.9.19	III
IV	औद्योगिक क्षेत्रामध्ये जागतिकीकरणची भूमिका	—11—	04	16.9.19 - 23.9.19	IV
	• उद्योगाचे स्थलांतर व त्याचा शहर-उपनगरावर	—11—	04	24.9.19 - 5.10.19	
	पडणारा प्रभाव	—11—	04	6.10.19 - 13.10.19	
	• महाराष्ट्राचे बदलते औद्योगिक क्षेत्र.	—11—	04	14.10.19 - 20.10.19	

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Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga, Dist. ...



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

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.G.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	सांख्यिकी - व्याख्या - महत्व	सूत्र-गणन	03	26.06.19 - 30.06.19	I
	केंद्रीय प्रवृत्तीचे मोजमापन	स्पष्टीकरण	03	30.6.19 - 6.7.19	
	• वैयक्तिक पदमाळेच्या साह्याने-माध्य, मध्यका, बहुलक	उदाहरण	09	7.7.19 - 19.7.19	
	• खंडित पदमाळेच्या साह्याने-माध्य, मध्यका, बहुलक काढणे	—11—	09	20.7.19 - 10.7.19	
	• सतत पदमाळेच्या साह्याने-माध्य, मध्यका, बहुलक काढणे.	—11—	09	11.7.19 - 30.7.19	
II	• विचलनाचे मोजमापन	—11—	03	1.8.19 - 7.8.19	
	• प्रमाणित विचलन	—11—	09	8.8.19 - 27.8.19	
	• माध्य विचलन	—11—	09	28.8.19 - 17.9.19	
	• यलुर्धक विचलन	—11—	09	18.9.19 - 6.10.19	
III	• सहसंबंध - ① स्फिअरमनची पध्दत	—11—	09	7.10.19 - 19.10.19	
	② कार्डिअरमनची पध्दत	—11—	09	11.11.19 - 29.11.19	
IV	समांशयन समीकरण तयार करणे	—11—	09	30.11.19 - 19.12.19	
	1) न्यूनतम वर्ग पध्दतीने समीकरण तयार करणे	—11—	09	20.12.19 - 10.1.20	
	2) समांशयन समीकरण X वर Y समीकरण करणे	—11—	09	11.1.20 - 31.1.20	
	3) समांशयन समीकरण Y वर X समीकरण तयार करणे	—11—	09	1.2.20 - 20.2.20	
	4) कार्य वर्ग चाचणी	—11—	09	21.2.20 - 14.3.20	

Signature of Faculty

Principal

Principal

Shrikrishna Mahavidyalaya Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : Geography Class : B.A./B.Se. / M.A./ M.Se. I
 Semister : II Paper No : IV 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
<u>I</u>	<u>महाराष्ट्र - स्थान - आकार - विस्तार -</u>	<u>कार्टोग्राफी</u>	<u>04</u>	<u>11.11.19 - 17.11.19</u>	<u>I</u>
	<u>महाराष्ट्र की वैशिष्ट्ये - महाराष्ट्र प्राकृतिक विभाग</u>	<u>चर्चा - उदाहरण</u>	<u>06</u>	<u>18.11.19 - 27.11.19</u>	
	<u>महाराष्ट्र की प्राकृतिक संसाधने</u>	<u>नकाशा</u>			
<u>II</u>	<u>महाराष्ट्र :- हवामान - जल प्रणाली</u>	<u>— 11 —</u>	<u>06</u>	<u>28.11.19 - 7.12.19</u>	<u>II</u>
	<u>मृदा - नैसर्गिक वनस्पती</u>	<u>— 11 —</u>	<u>06</u>	<u>8.12.19 - 17.12.19</u>	
<u>III</u>	<u>कृषी - पिक प्रकारे - पीकाची भौगोलिक स्थिती</u>	<u>— 11 —</u>	<u>04</u>	<u>18.12.19 - 25.12.19</u>	
	<u>उत्पादन व वितरण - ज्वारी, गव्हा, तांदूळ,</u>	<u>— 11 —</u>	<u>08</u>	<u>26.12.19 - 10.1.20</u>	
	<u>कापूस, ऊस, तेलकरीया, कडधान्ये</u>	<u>— 11 —</u>	<u>08</u>	<u>11.1.20 - 24.1.20</u>	<u>III</u>
<u>IV</u>	<u>उद्योग धंदे :- 1) सुती वस्त्रोद्योग</u>	<u>— 11 —</u>	<u>08</u>	<u>25.1.20 - 10.2.20</u>	
	<u>2) सारवर उद्योग</u>	<u>— 11 —</u>	<u>06</u>	<u>11.2.20 - 28.2.20</u>	
	<u>3) वाहतूक - रस्तं व रेल्वे वाहतूक</u>	<u>— 11 —</u>	<u>06</u>	<u>1.3.20 - 14.3.20</u>	<u>IV</u>

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omurga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

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	वसाहत भूगोल - व्याख्या - स्वरूप - व्याप्ति	व्याख्यान	06	11.11.19 - 20.11.19	
	- दूरक - शहरी व ग्रामीण वसाहत -	चर्चा - उदाहरण	06	21.11.19 - 30.11.19	
	व्याख्या - वसाहतीचे गुणधर्म व मर्यादा	प्रश्नोत्तर	06	1.12.19 - 10.12.19	
II	वसाहतीचे स्थान व रचना	— 11 —	06	11.12.19 - 20.12.19	
	अंतर्गत आकार व बाह्य निर्मिती	— 11 —	06	21.12.19 - 31.12.19	
	क्षेत्रीय प्रकार - वसाहतीचे कार्य व	— 11 —	06	1.1.20 - 10.1.20	
	दरम्यान प्रकार	— 11 —	03	11.1.20 - 16.1.20	
III	वसाहतीचे क्षेत्रीय संघटन -	— 11 —	06	17.1.20 - 26.1.20	
	आकार - जागा - वसाहत क्षेत्रीय	— 11 —	06	27.1.20 - 7.2.20	
	ग्रामीण वसाहतीचा उदय व वैशिष्ट्य	— 11 —	06	8.2.20 - 20.2.20	
IV	भारतातील वसाहतीची वैशिष्ट्ये	— 11 —	06	21.2.20 - 14.3.20	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omurga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : Geography

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

Semester : VI

Paper No : XV

Paper Name : Natural Calamity

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 आपत्ती - व्याख्या - स्वरूप	व्याख्यान	04	11.11.19 - 18.11.19	I
	व्याप्ती - प्रकार	चर्चा	04	19.11.19 - 26.11.19	
		उदाहरण			
II	भूकंप - कारणे - परिणाम - जागतिक पट्टे	— 11 —	04	27.11.19 - 4.12.19	II
	ज्वालामुखी - कारणे - परिणाम - उपाय	— 11 —	04	5.12.19 - 12.12.19	
	जागतिक पट्टे	— 11 —	04	13.12.19 - 20.12.19	
III	• भूकंप - कारणे - प्रकार - उपाय - वितरण	— 11 —	08	21.12.19 - 5.1.20	III
	• पूर - कारणे - परिणाम - उपाय - वितरण	— 11 —	08	6.1.20 - 19.1.20	
	• जैविक आपत्ती - कारणे - परिणाम	— 11 —	08	20.1.20 - 3.2.20	
IV	• जागतिक तापमान वृद्धी - कारणे - परिणाम - उपाय	— 11 —	04	4.2.20 - 11.2.20	IV
	• हरीत भूट - कारणे - परिणाम	— 11 —	04	12.2.20 - 18.2.20	
	• ओझोन - क्षय - कारणे - परिणाम	— 11 —	04	19.2.20 - 25.2.20	
	• प्रदूषण - प्रकार - कारणे - परिणाम - हवा, जल, भूदा	— 11 —	04	22.2.20 - 28.2.20	
			— 11 —	04	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Omerga Road



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

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 - व्याप्ती मंडल	आख्यान	04	11.11.19 - 18.11.19	I
		चर्चा	04	19.11.19 - 26.11.19	
		उदाहरण			
II	पर्यावरण - आवास - वनस्पती - प्राणि संघटन - जीव प्रकार - जातिंचा उगम वादाचा सिद्धांत	— 11 —	06	27.11.19 - 7.12.19	II
		— 11 —	08	8.12.19 - 21.12.19	
		— 11 —	06	22.12.19 - 2.1.20	
III	वनस्पती भूगोलाचे दृष्टक - वनाचे वितरण पूरुगुल व हिमनदीच्या पार्श्व प्रदेशातील नवनिर्मित भूप्रदेश	— 11 —	06	3.1.20 - 10.1.20	III
		— 11 —	06	12.1.20 - 23.1.20	
		— 11 —	06	24.1.20 - 10.2.20	
IV	प्राणिभूगोल - पर्यावरणाशी - सहसंबंध परिस्थिती - निर्मिती - कार्य भारताचे राष्ट्रीय वन धोरण	— 11 —	06	11.2.20 - 21.2.20	IV
		— 11 —	06	22.2.20 - 1.3.20	
		— 11 —	06	2.3.20 - 14.3.20	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Emarga Dist. Osmanabad.

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Academic Calendar For 180 Days

Faculty of Arts.

Academic Year: (2019-20)

(Department of Geography)

Name of Faculty Member: Deshmukh N.B.

Term	Month	Working days	Theory Periods	Practical Periods	Total
First Term	June	-	-	-	-
	July	15	25	20	45
	August	22	29	28	57
	September	22	30	32	62
	October	14	20	20	40
Total 1		73	104	100	204
Second Term	November	17	23	24	47
	December	25	33	28	61
	January	26	35	32	67
	February	23	33	28	61
	March	12	16	16	32
Total 2		103	140	128	268
Total 1 + 2		176	244	228	472

Total Working Days = 176
Total Teaching Days = ~~219~~ 219
Total Theory Period = 244
Total Practical Periods = 228

N.B.
Signature of Faculty Member



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

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

Semester : II

Paper No : _____

Paper Name : इतिहास शिक्षा

Name Of Faculty : मि. प्रेमकुमार

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	इतिहास शिक्षा. अर्थशास्त्र, कला, अर्थशास्त्र	लेक्चर		1 सेमीस्टर	
	सामाजिकशास्त्र, लोकशाही, इतिहास	"		31-2019	
	राज्यशास्त्र- (सांख्यिक) राजशाही	"			
	उद्योगशाही, जीवशास्त्र				
II	राजशाही शाही, पद, वाद, प्रशासन	"		1 सेमीस्टर 2019	
III	राजशाही शाही, शाही, शाहीशाही	"			
	शाही-शाही, शाही, शाही शाही	"		1 सेमीस्टर 2019	
	शाहीशाही शाहीशाही शाहीशाही	"			
IV	शाही / शाही	"		1 सेमीस्टर 2019	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya Gunjoti
Tq. Omarga Dist. Oan...



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 : I Paper No : 101 Paper Name : परिचय भूगोल

Name Of Faculty : M.B. Deshmukh

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	परिचय - भूगोलशास्त्र, भूगोल, भूविज्ञान संज्ञा, भूगोलशास्त्र, भूगोल, भूविज्ञान	लेक्चर		1 सेप्टेम्बर 31-2019	
II	परिचय भूगोल शास्त्र की संज्ञा, भूगोल, भूविज्ञान भूगोल शास्त्र की संज्ञा, भूगोल, भूविज्ञान परिचय, भूगोलशास्त्र, भूगोल, भूविज्ञान	"		1 सितंबर 30 2019	
III	भूगोलशास्त्र, भूगोलशास्त्र, भूगोलशास्त्र भूगोलशास्त्र	"		1 से 19 सितंबर 2019	
IV	भूगोलशास्त्र, भूगोलशास्त्र भूगोलशास्त्र, भूगोलशास्त्र परिचय - भूगोलशास्त्र, भूगोलशास्त्र परिचय भूगोलशास्त्र	"		1 से 30 सितंबर 2019	

Signature of Faculty

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



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : Geography Class : B.A./B.Sc. / M.A./ M.Sc.
 Semister : III Paper No : 206 Paper Name : हिंदू-भारत
 Name Of Faculty : M.B. Geshmukh

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	हिंदू धर्मशास्त्र, अर्थशास्त्र, वास्तुशास्त्र महाभारत, महाभारत-संस्कृत, संस्कृत-महाभारत हिंदू धर्म-संस्कृत, हिंदू धर्मशास्त्र	परिचय		1 सितंबर 31 2019	
II	हिंदू धर्मशास्त्र, संस्कृत, संस्कृत-महाभारत	"		1 सितंबर 30 2019	
III	संस्कृत-महाभारत, संस्कृत, हिंदू धर्मशास्त्र हिंदू धर्मशास्त्र, हिंदू धर्मशास्त्र-संस्कृत	"		1 सितंबर 30 2019	
IV	संस्कृत, संस्कृत-महाभारत संस्कृत, संस्कृत-महाभारत	"		1 सितंबर 30 2019	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science Department : Geography Class : B.A./B.Sc. / M.A./ M.Sc.
 Semester : IV Paper No : 207 Paper Name : વસ્તી-વ્યવસ્થા
 Name Of Faculty : Ms. Rashmi

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	સામાજિક વસ્તી-સંચયો, વસ્તી-વસ્તી વસ્તી-વસ્તી વસ્તી-વસ્તી સામાજિક વસ્તી-વસ્તી સામાજિક વસ્તી-વસ્તી	અનુભવ		1 ડિસેમ્બર 31 2019	
II	સામાજિક વસ્તી-વસ્તી, વસ્તી-વસ્તી સામાજિક વસ્તી-વસ્તી સામાજિક વસ્તી-વસ્તી સામાજિક વસ્તી-વસ્તી	"		2 ડિસેમ્બર 31 2020	
III	સામાજિક વસ્તી-વસ્તી, વસ્તી-વસ્તી સામાજિક વસ્તી-વસ્તી, વસ્તી-વસ્તી સામાજિક વસ્તી-વસ્તી, વસ્તી-વસ્તી	"		23 ડિસેમ્બર 29 2020	
IV	સામાજિક વસ્તી-વસ્તી, વસ્તી-વસ્તી સામાજિક વસ્તી-વસ્તી, વસ્તી-વસ્તી	"		2 માર્ચ 14 2020	

Ms
Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2017-2020)

Faculty : Arts / Science Department : Geography Class : B.A./B.Sc. / M.A./ M.Sc.
Semester : IV Paper No : 608 Paper Name : भारतीय भूगोल
Name Of Faculty : Mr. Deshmukh

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	भारतीय भूगोलशास्त्र - भूगोलीय भारतीय राज्य भूगोल / भारतीय भूगोलशास्त्र, भूगोलशास्त्र - भूगोलीय, भूगोलशास्त्र	classroom		1 सेप्टेम्बर 31 2019	
II	भूगोलशास्त्र, भूगोलशास्त्र, भूगोलशास्त्र, भूगोलशास्त्र भूगोलशास्त्र, भूगोलशास्त्र, भूगोलशास्त्र भूगोलशास्त्र	"		1 अक्टोबर 31 2019	
III	भूगोलशास्त्र, भूगोलशास्त्र, भूगोलशास्त्र भूगोलशास्त्र - भूगोलशास्त्र	"		1 नवम्बर 29 2020	
IV	भूगोलशास्त्र, भूगोलशास्त्र, भूगोलशास्त्र भूगोलशास्त्र - भूगोलशास्त्र	"		1 दिसम्बर 14 2020	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : Geography Class : B.A./B.Sc. / M.A./ M.Sc.

Semester : II Paper No : 653 Paper Name : भूगोल

Name Of Faculty : Ms. Geethamma

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
I	भूगोल का अर्थ, भूगोल का विकास, भूगोल का अर्थ, भूगोल का विकास, भूगोल का अर्थ, भूगोल का विकास	लेक्चर, प्रश्नोत्तर, व्याख्यान		1 सितंबर 2019	
II	भूगोल का अर्थ, भूगोल का विकास, भूगोल का अर्थ, भूगोल का विकास, भूगोल का अर्थ, भूगोल का विकास	"		1 सितंबर 2019	
III	भूगोल का अर्थ, भूगोल का विकास, भूगोल का अर्थ, भूगोल का विकास, भूगोल का अर्थ, भूगोल का विकास	"		1 सितंबर 2019	
IV	भूगोल का अर्थ, भूगोल का विकास, भूगोल का अर्थ, भूगोल का विकास, भूगोल का अर्थ, भूगोल का विकास			1 सितंबर 2019	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : Geography Class : B.A./B.Sc. / M.A./ M.Sc.
Semester : III Paper No : 52 Paper Name : युग्मिक परीक्षा
Name Of Faculty : Ms. Geetha M.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
<u>I</u>	<u>अक्षांश, रेखांश, दिक्चित्र, दिक्चित्र</u>	<u>लेक्चर अभ्यास</u>		<u>1 अक्टूबर 21 2019</u>	
<u>II</u>	<u>समय - अक्षांश यानुसार भारत, अक्षांश</u>	<u>"</u>		<u>1 नवंबर 2019</u>	
<u>III</u>	<u>समय अक्षांश, अक्षांश रेखांश, अक्षांश</u>	<u>"</u>		<u>1 दिसंबर 29 2020</u>	
<u>IV</u>	<u>समय अक्षांश, अक्षांश, अक्षांश</u>	<u>"</u>		<u>2 फरवरी 15 2020</u>	

Ms
Signature of Faculty

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



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : Pol. sci. Class : B.A./B.Sc. / M.A. / M.Sc.
Semester : Vth Paper No : X Paper Name : Western Political Thinkers
Name Of Faculty : Nigade R. N.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1.	फोटे :+ व्यापक संबंधी विचार, साम्यवाद, शिक्षण, आदर्श राज्या संबंधीचे विचार	Lecture	12	1-7-2019 to 6-16-7-2019	
2.	ऑस्टॉटल :+ राज्या बाबत-चे विचार, नागरिकत्वा संबंधीचे विचार, क्रांती संबंधीचे विचार	- -	12	22-7-2019 to 8-8-2019	
3.	निकोलोस मॅकव्हेली :+ मानवी स्वभाव, राज्या उपेक्षा, धर्म बाबत-चे विचार.	- -	12	13-8-2019 to 3-9-2019	
4.	थॉमस हॉब्स :+ मानवी स्वभाव, सामाजिक करार सिद्धांत, सार्वभौमत्वा संबंधीचे विचार	- -	12	9-9-2019 to 1-10-2019	
5.	जॉन लॉक :+ मानवी स्वभाव, सामाजिक करार सिद्धांत.	- -	12	7-10-2019 to 15-10-2019	

Signature of Faculty

Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : Pol. Sci. Class : B.A./B.Sc. / M.A./ M.Sc.
Semester : VIth Paper No : XIII Paper Name : Western Political Thinkers
Name Of Faculty : Nigade R. N.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1.	जॉन लॉक रुसो :- मानवी स्वभाव, सामाजिक करार सिध्दांत, सामुहिक इष्टा.	Lecture	12	11-11-2019 to 2-12-2019	
2.	जॉन स्टुअर्ट मिल :- उपयोगितावादी सिध्दांत स्वातंत्र्या संबंधी विचार, प्रातिनिधीक सरकार बाबत चे विचार.	- -	12	3-12-2019 to 23-12-2019	
3.	जेनेमी बेन्थॅम :- राज्या संबंधी विचार, सरकार संबंधी विचार, कायदा व सुधारणा, हक्का संबंधी विचार. शिसे बाबतचे विचार, उपयोगितावादी विचार	- -	12	24-12-2019 to 13-01-2020	
4.	कार्ल मार्क्स :- भौतिकवादी विचार, ऐतिहासिक भौतिकवादी विचार, वर्ग संघर्ष, जातिविलक्षण सिध्दांत, राज्या संबंधीचे विचार, क्रांती संबंधीचे विचार.	- -	12	20-01-2020 10-02-2020	
5.	प्रो. हेन्री लॉस्की :- सार्वभौमत्वा संबंधीचे विचार राजकीय विचार, स्वातंत्र्या संबंधीचे विचार	- -	12	16-02-2020 2-03-2020	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omega Dist. Osmanabad

SHRIKRISHNA MAHAVDYALAYA, GUNJOTI

Academic Calendar for 180 Days

Faculty of Social Science

Academic Year (2019-20)

Department of Geography

Name of Faculty Member: **Dr.K. L. Kadam**

Term	Month	Working Days	Theory Periods MA I+II		Practical Periods MA I+II	Total
First Term	June	-	-	-	-	-
	July	13	09	17	12	38
	August	22	15	29	21	65
	September	22	14	29	21	64
	October	14	09	20	12	41
Total 1		71	47	95	66	= 208
Second Term	November	17	22	12	18	52
	December	25	33	17	21	71
	January	26	34	18	27	82
	February	23	30	16	21	67
	March	12	06	18	12	36
Total 2		103	125	81	+ 102	= 308
Total 1+2		174	348		168	= 516

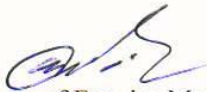
Total Working Days = 180

Total Teaching Days = 174

Total Theory Period = 348

Total Practical Periods = 168

Total periods Theory +Pr. = 516

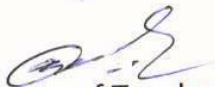

Signature of Faculty Member

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Annual Teaching-Plan Academic Year (2019-2020)

Faculty: **Social Science** Subject: **MA I Geography** Paper No. : **403** Name of the Paper: **Geomorphology** Marks:**80**

Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Date	Remarks
I	Definitation, Nature & Scope of Geomorphology, Fundamental concepts in Geomorphology, Uniformitarianism Co- relationship of the Subject with human settlement and Transportation.	Lecturer, Group Discussion, Map ,Chart	10	July- 2019	
II	Earth Movement- Epirogenic, Orogenic Movement, Continental Drift Theory; plate Tectonic, Theory of Isostacy.	----do-----	06	Aug- 2019	
III	Earthquake and Volcanoes Causes & Effect, Land Features formed by Earthquake & Volcano with Geographical Distribution.	----do-----	04	Aug- 2019	
III	Weathering Its Types of and Effects.	----do-----	05	Sept- 2019	
IV	Geomorphologic Processes- Fluvial, Glacial, Karts, and Processes & resulting land forms.	----do-----	03	Oct- 2019	


Signature of Teacher


Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Annual Teaching-Plan Academic Year (2019-2020)

Faculty: **Social Science** Subject: **MA I Geography** Paper No. :451 Name of the Paper: **Practical Geog.** Marks: 80

Ch/ Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Date	Remarks
I	Geomorphology: a) Profile – Serial, Superimposed, Projected & Composite. b) Slope Method: Degree, Gradient, Percentage, Mills..	Map ,Chart	06	July- 2019	
II	Method of Slope Analysis:-i) C.K.Winthouworth's ii) G.H.Smiths iii) Robinson Dot Method	----do-----	03	Aug- 2019	
III	Climatology: a) Drawing of ISO line. b) Superimposed Columnar Diagram. c) Compound Columnar Diagram d) Ergograph e) Climatograph f) Wind Rose &Star Diagram.	----do-----	04	Aug- Sept-2019	
IV	Introduction to Geographic Information Systems, Raster Model, Vector Model, Application of GIS in Geography.	----do-----	03	Sept Oct- 2019	
V	Journal and Via-Voce				


Signature of Teacher



Principal
Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq.Omerga Dist.Oemansabad

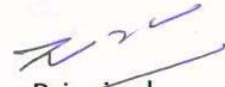
SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Annual Teaching-Plan Academic Year (2019-2020)

Faculty: Social Science Subject: MA I Geography Paper No. : 403 Name of the Paper: Oceanography Marks: 80

Ch/ Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Date	Remarks
I	Definition and scope of oceanography influence of oceans on climate, food resources, ecosystem and politics.	Lecturer ,Group Discussion ,Map ,Chart	06	Nov -2019	
II	The depth of Oceans- continental shelf, slope, deep sea plains and oceanic Deeps	----do----	03	Dec-2019	
III	Temperature, Salinity of oceanic water, classification of marine deposits.	----do----	04	Jan-2020	
IV	Coral reefs. Major theories of origin of coral reefs.	----do----	12	Feb-2020	
V	Movement of Oceanic water. Sea waves, Tides and ocean currents, Reasons for the formation of ocean currents. Surface currents of pacific, Atlantic and Indian Ocean, Effect of ocean currents	----do----	16	March-2020	


Signature of Teacher


Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Annual Teaching-Plan Academic Year (2019-2020)

Faculty: Social Science Subject: MA I Geography Paper No. : 404 Paper: Geog.of water Resources Marks: 80

Ch/ Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Date	Remarks
I	Water as a natural resources and focus of geographical interest Inventory and distribution of world's water resources (surface and subsurface	Map ,Chart	04	Nov -2019	
II	Water demands and use – Methods of estimation – agricultural and industrial uses of water. Irrigation method of distribution of the water to farms. Water harvesting techniques and water conservations.	----do-----	08	Dec-2019	
III	water resources management. General trends of water supply to the urban and rural areas in India. Internal navigation hydel power and recreation.	----do-----	06	Jan-2020	
IV	water problems – pollution, logging, alkanity of soil. Food –structural and non structural adjustment of flood Hazards.	----do-----	10	Feb-2020	
V	Conservation and planning for the development of water resources. Social and institutional considerations use of surface and ground water resources. Watershed management. International and Interstate river water dispute	----do-----	22	March-2020	

Signature of Teacher

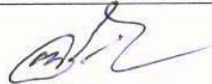
Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq.Omerga Dist.Oemaraabad.

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Annual Teaching-Plan Academic Year (2019-2020)

Faculty: Social Science Subject: MA IIGeography Paper No. : 405 Paper: Evolution of Geographical Thought Marks:80

Ch/ Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Date	Remarks
I	The significance of Geography as a social and natural science. Selected concepts in the philosophy of Geography, distribution interaction areal differential and special organization.	Map ,Chart	08	July- 2019	
II	Dualism in Geography- Systematic and regional geography, physical and human geography. The myth and reality about dualism	----do-----	04	Aug- 2019	
III	The contribution of ancient Indian and Chinese scholars in the development of geography.	----do-----	03	Aug- 2019	
IV	Quantitative revolution, responses to positivism, behaviorism and post modernism.	----do-----	04	Sept- 2019	
V	Major contribution of selected scholars, discoverers in the development of geography. Alexander von Humboldt, Friedrich Ratzel ,Vidal de La blache, Ferdinand Magellan, Ferdinand Von Richthofen, Ellen Churchill semple , Alfred Hettner, William Morris Davis, V. A. Anuchin , Sir Dudley Stamp	----do-----	05	Oct- 2019	


Signature of Teacher



Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad


SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Annual Teaching-Plan Academic Year (2019-2020)

Faculty: **Social Science** Subject: **MA II Geography** Paper No. : **425** Paper : **Regional Geography of India** Marks: **80**

Ch/ Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Date	Remarks
I	Basis of Regionalization of India, Physiographic, Climatic Geo-Political, Agro., historical, demographic, socio-economic dimensions.	Map ,Chart	10	July- 2019	
II	Distribution of soil and Natural Vegetation. Policy and Programmes.	----do-----	03	Aug- 2019	
III	Agriculture and Irrigation facilities, distribution and production of major crops. Agriculture policy and programmes in recent years.	----do-----	04	Aug- 2019	
IV	population as the human resource. Its distribution, population explosion, problems arised due to over population. Policies and programmes.	----do-----	04	Sept- 2019	
V	The case study of Mumbai Metropolitan Region, the sahyadris and chhatisgarh in detail.	----do-----	02	Oct- 2019	


Signature of Teacher

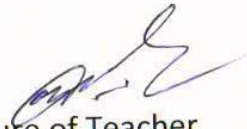

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Tq.Omerga Dist.Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Annual Teaching-Plan Academic Year (2019-2020)

Faculty: Social Science Subject: MA II Geography Paper No. : 427 Paper: Bio-Geography Marks: 80

Ch/ Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Date	Remarks
I	Scope, and development of Bio-Geography Environment. Habitant and Plant- animal association,	Map ,Chart	05	Nov -2019	
II	Physical factors influencing world distribution of plants and animals; forms functions of ecosystem; Forest, Grassland, Marine and Mountain ecosystem	----do----	04	Dec-2019	
III	Bio-diversity and its depletion through natural and man induced.	----do----	03	Jan-2020	
IV	Human Ecology and environmental relationship.	----do----	03	Feb-2020	
V	Conservation and Management of ecosystems; Environmental hazards and problems of population; ozone depletion.	----do----	22	March-2020	


Signature of Teacher


Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Annual Teaching-Plan Academic Year (2019-2020)

Faculty: Social Science Subject: MA II Geography Paper No. : 454 Paper: Practical Geography

Marks: 80

Ch/ Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration Date	Remarks
I	Data sources and types of data. Statistical diagrams; study of frequency distribution and cumulative frequency.	Map ,Chart	05	Nov. Dec -2019	
II	Measure of central tendency. Selection of class intervals for mapping.	----do----	04	Dec-2019	
III	Measure of dispersion and concentration standard deviation.	----do----	07	Jan-2020	
IV	Tour and Tour Report.			Feb-2020	
V	Viva-Voce and Journals.			March	

Signature of Teacher

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq.Omerga Dist.Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Academic Calendar For 180 Days

Faculty of Arts

Academic Year: (2019-20)

(Department of Political Science)

Name of Faculty Member: Dr. Prabhat Raut

Term	Month	Working days	Theory	Practical	Total
			Periods BA I + II + III	Periods BA III	
First Term	June	05	02+03+03	03	11
	July	27	09+18+18	18	63
	August	22	07+14+14	14	49
	September	22	07+15+15	15	52
	October	14	05+10+10	10	35
Total 1		90	30+60+60	60	210
Second Term	November	15	06+12+12	12	42
	December	20	07+14+14	14	49
	January	25	08+16+16	16	56
	February	20	07+14+14	14	49
	March	10	02+04+04	04	14
Total 2		90	30+60+60	60	210
Total 1 + 2		180	60+120+120	120	420

Total Working Days = **103**

Total Teaching Days = **180**

Total Theory Period = **300**

Total Practical Periods = **120**

Signature of Faculty Member

Prabhat Raut
Principal
Shrikrishna Mahavidyalaya, Gunjoti
Emerga Dist. Odisha

2019-20



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science Department : Pol. Sc. Class : B.A./B.Sc./M.A./M.Sc.
 Semister : I and II Paper No : — Paper Name : Maharashtra Govt. and Politics
 Name Of Faculty : Dr. Prabhat Raut

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1	शासनचे घटक :			2+4	
1.1	राज्यपाल, मुख्यमंत्री -	Lecture	06	June and July.	
1.2	कायदे मंडळ - स्वता, अधिकार आणि कार्य	— —	06	5+1 July, Aug.	
1.3	न्यायालय - उच्च न्यायालय - स्वता आणि कार्य	— —	06	6 Aug.	
2	सहकार चळवळ :	— —	06	Sept.	
3	दलित चळवळ	— —	06	1+5 Sept, Oct.	
4	पंचायती राज - इतिहास (महाराष्ट्र)				
4.1	स्वता, कार्य, ग्रामपंचायत	— —	06	Nov.	
	पंचायत समिती		08	7+1 Dec. Jan.	
	जिल्हा परिषद		08	7+1 Jan; Feb.	
			08	6+2 Feb, Mar.	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Omerga

2019-20



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science

Department : Pol. Sc. Class : B.A./B.Sc. / M.A./M.Sc.Semester : I & IIPaper No : -Paper Name : Indian Govt. & PoliticsName Of Faculty : Dr. Prabhakar Raut

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1	भारतीय राज्यघटना - उगमस्थाने, सरनामा, घटनेची वैशिष्ट्ये	Lecture	12	03+09 = 12 June, July	
2	घटनात्मक तरतुदी - मुलभूत अधिकार, मागदिल्ले तन्वे	— —	12	09+03 = 12 July, Aug.	
3	भारतीय संघराज्य - राष्ट्रपती, पंतप्रधान, भारत संसद	— —	12	11+1 = 12 Aug, Sept.	
4	अथसंकल्पीय प्रक्रिया आणि संसदीय समित्या	— —	12	Sept.	
5	राजकीय संस्था	— —	12	2+10 = 12 Sept, Oct.	
6	सर्वोच्च न्यायालय - रचना, कार्य, अधिकार, न्यायिक पुनरावलोकन	— —	12	Nov.	
7	केंद्र - राज्य संबंध	— —	12	Dec.	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti,
Tq. Omerga Dist. Omerga

2019-20



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019-2020)

Faculty : Arts / Science Department : Pol. Sc. Class : B.A./B.Sc./M.A./M.Sc.

Semester : I & II Paper No : - Paper Name : Political Ideologies

Name Of Faculty : Dr. Prabhat Raut

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1	रिक्तवाद	Lecture	12	3+9 = 12	
2	उदारमतवाद	— —	12	June, July	
3	लोकशाही	— —	12	July 9+3 Aug	
4	साम्राज्यवाद	— —	12	Aug. 1+1 Sept.	
5	स्त्रीवाद	— —	12	Sept.	
6	समाजवाद	— —	12	sep. 2+10 Oct.	
7	साम्यवाद	— —	12	Nov.	
8	मैसीवाद	— —	12	Dec. 2+10 Jan.	
9	अराज्यवाद	— —	12	Jan. 6+6 Feb.	
10	पर्यावरणवाद	— —	12	Feb. 8+4 Mar.	

Signature of Faculty

Principal

2019-20



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : Pol. Sc. Class : B.A./B.Sc. / M.A. / M.Sc.
 Semester : I & II Paper No : - Paper Name : Project work
 Name Of Faculty : Dr. Prabhat Raut

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1	प्रथम अध्याय	Lecture	12	3+9 June, July	
2	प्रथम अध्याय	— ll —	12	9+3 July, Aug.	
3	प्रथम अध्याय	— ll —	12	11+1 Aug, Sept.	
4	प्रथम अध्याय	— ll —	12	Sept.	
5	प्रथम अध्याय	— ll —	12	2+10 Sept, Oct.	
6	प्रथम अध्याय	— ll —	12	Nov.	
7	प्रथम अध्याय	— ll —	12	Dec.	
8	प्रथम अध्याय	— ll —	12	2+10 Dec, Jan.	
9	प्रथम अध्याय	— ll —	12	6+6 Jan, Feb.	
10	प्रथम अध्याय	— ll —	12	8+4 Feb, Mar.	

Signature of Faculty

Principal
 Shrikrishna Mahavidyalaya, Gunjoti
 Tq. Omerga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Academic Calendar For 180 Days

Faculty of Arts

Academic Year: (2019-20)

(Department of Pol. Sci.)

Name of Faculty Member: Nigade R. N.

Term	Month	Working days	Theory Periods			Practical Periods	Total
			I	II	III		
First Term	June	05	1 03	21	-	24	
	July	27	25	18	37	-	80
	August	22	28	15	31	-	74
	September	22	24	14	28	-	66
	October	14	15	08	25	-	48
Total 1	.	90	92	58	142	-	292
Second Term	November	17	18	11	22	-	51
	December	25	23	17	35	-	75
	January	26	26	17	31	-	74
	February	23	25	14	29	-	68
	March	12	12	08	16	-	36
Total 2		103	104	67	133	-	304
	Total 1 + 2	193	196	125	275	-	596

Total Working Days = 193
 Total Teaching Days = 193
 Total Theory Period = 596
 Total Practical Periods = -

Signature of Faculty Member





SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : Pol. Sci.

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

Semester : Ist

Paper No : I

Paper Name : Basic concept of political science

Name Of Faculty : Nigade R.N.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1.	राज्य - उद्भव - विकास, राज्याच्या उद्भवाच्या वेगवेगळ्या सिद्धांत ① सामाजिक करार सिद्धांत ② रोलिंग स्टोन सिद्धांत ③ उक्रांतीवादचा सिद्धांत	Lecture	15	3-7-2019 to 26-7-2019	
2.	सरकार अर्थ, व्याख्या. सरकारचे धाक, प्रतिनिधित्व मंत्रिमंडळ, न्यायमंडळ. सरकारचे प्रकार ① राकात्म सरकार ② संघसरकार ③ संसदीय सरकार.		15	27-7-2019 to 24-8-2019	
3.	सार्वभौम सत्ता - अर्थ, व्याख्या, प्रकार. जॉन ऑफ्टोन चा सिद्धांत, अनेक सत्तावादी सिद्धांत.		15	28-8-2019 to 20-9-2019	
4.	नागरिकत्व. प्राप्ती, लोप, नागरिकत्वाचे प्रकार.		15	21-9-2019 to 18-10-2019	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : Pol. Sci.

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

Semester : IInd.

Paper No : III

Paper Name : Basic concept of Political Science

Name Of Faculty : Nigade R. N.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1.	स्वातंत्र्य, समता, न्याय, अर्थ, व्याख्या, स्वातंत्र्याचे प्रकार, समता, व न्याय, स्वातंत्र्य व समता यातील संबंध.	Lecture	15	13-11-2019 to 6-12-2019	
2.	न्याय-अर्थ, स्वरूप, प्रकार, कर्तव्य.		15	7-12-2019 to 10-01-2020	
3.	लोकशाही - अर्थ, वैशिष्ट्ये, सत्त्व व अप्रत्यक्ष लोकशाही चे गुण-दोष.		15	11-01-2020 to 7-02-2020	
4.	कल्याणकारी राज्य - अर्थ, वैशिष्ट्ये, आवश्यक व शैक्षिक कार्ये, कल्याणकारी राज्याचे मूल्यमापन.		15	8-2-2020 to 6-3-2020	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : Pol. Sci.

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

Semester : IIIrd

Paper No : VI

Paper Name : International Relations

Name Of Faculty : Nigade R. N.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1.	आंतराष्ट्रीय संबंध अर्थ, व्याख्या, स्वरूप, व्याप्ती महत्त्व	Lecture	12	25-6-2019 to 16-7-2019	
2.	आंतराष्ट्रीय संबंधाचे अध्यास विषयक इष्टिकोन ① आर्थवादी इष्टिकोन ② वास्तववादी इष्टिकोन ③ वर्तनवादी इष्टिकोन.	— " —	14	17-7-2019 to 6-8-2019	
3.	राष्ट्रीय हित - अर्थ - आधार • राष्ट्रशास्त्री - अर्थ आधार	— " —	12	7-8-2019 to 29-8-2019	
4.	सत्तासंतुलन - अर्थ - तंत्रे - प्रकार.	— " —	12	3-9-2019 to 25-9-2019	
5.	भारताचे परराष्ट्र धोरण - तत्चे आणि उद्दिष्ट्ये.	— " —	10	26-9-2019 to 17-10-2019	


Signature of Faculty


Principal



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science

Department : Pol. Sci.

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

Semester : Vth

Paper No : IX

Paper Name : Indian Political Thinkers

Name Of Faculty : Nigade R. N.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1.	राजाराम मोहन रॉय → भारतीय प्रबोधन, स्वातंत्र्य, वृत्तपत्र स्वातंत्र्य, कायदा व हक्का संबंधी विचार	Lecture	15	26-6-2019 to 24-7-2019	
2.	दयानंद सरस्वती → फुल्ल्यानवादी विचार - समाज सुधारणे संबंधी कार्य, वैदिक स्वराज्य, स्वदेशी, राष्ट्रवाद, लोकशाही बाबतचे विचार	- " -	12	25-7-2019 to 22-8-2019	
3.	लोकमान्य टिळक → सामा. सुधारणा व टिळक, राष्ट्रवाद, टिळकांच्या राजकारणाची चतुःसूत्री	- " -	09	26-8-2019 to 24-9-2019	
4.	महात्मा गांधी → राज. तत्वज्ञान, सत्य व अहिंसेची संकल्पना, सत्याग्रह, राज्य, धर्म संबंधी विचार गांधीवाद व साम्यवाद.	- " -	12	13-9-2019 to 7-10-2019	
5.	गोपाळ कृष्ण गोरवळे → सामाजिक व उदारमतवादी विचार, राष्ट्रवादी विचार	- " -	12	9-10-2019 to 18-10-2019	

Signature of Faculty

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tal. Nargur Dist. Solapur



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Annual Teaching - Plan Academic Year (2019 -2020)

Faculty : Arts / Science Department : Pol. Sci Class : B.A./B.Sc. / M.A./ M.Sc.
Semester : VI Paper No : XII Paper Name : Indian political thinkers
Name Of Faculty : Nigade R. N.

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration Date/Month/year	Remark
1.	• पंडित जवाहरलाल नेहरू → पंचशील तत्त्व, जातिप्रथा धोरण, आंतरराष्ट्रीयवाद, समाजवादी विचार, संसदीय लोकशाही संबंधी विचार.	Lecture	12	13-11-2019 to 30-11-2019	
2.	• डॉ बाबासाहेब आंबेडकर → संसदीय लोकशाही संबंधी विचार, बौद्ध धर्म, पाक संबंधी विचार	— —	12	3-12-2019 to 18-12-2019	
3.	• राम. राज. राय → नवमानवतावाद, मुलगाभी लोकशाही, उदारमतवादी, लोकशाही, गांधीवाद व माणसवाद	— —	12	19-12-2019 to	
4.	• मौलाना अबुल कलाम आझाद → धर्मा बाबत चे विचार, मित्रराष्ट्रवाद, आझाद व हिंदू-मुस्लीम संघर्ष	— —	12	9-01-2020 10-01-2020 to 30-01-2020	
5.	• जयप्रकाश नारायण → समाजवादी विचार, लोकशाही संबंधी विचार, संपूर्ण कांती संबंधी विचार	— —	12	31-1-2020 to 22-2-2020	

Signature of Faculty

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Academic Calendar For 180 Days

Faculty of Science

Academic Year: (2019-20)

(Department of CHEMISTRY)

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

Term	Month	Working days	Theory Periods	Practical Periods	Total
First Term	June	5	3	12	15
	July	27	12	76	88
	August	22	13	60	73
	September	22	14	60	74
	October	14	9	36	45
Total 1		90	51	244	295
Second Term	November	17	9	60	69
	December	25	12	68	80
	January	26	14	72	86
	February	23	13	64	77
	March	12	6	32	38
Total 2		103	54	296	350
Total 1 + 2		193	105	540	645

Total Working Days = 193

Total Teaching Days = 180

Total Theory Period = 90

Total Practical Periods = 540



Signature of Faculty Member

SHRI RISHNA MAHAVIDYALAYA, GUNTUR
Teaching –Plan Academic Year (2019-2020)

Class: **B.Sc. III.**

Department of **Chemistry**

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

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

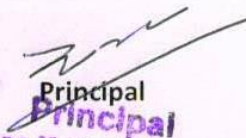
Paper Name: **ORGANIC CHEMISTRY**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
II.	<i>Organomagnesium 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.	Lecture	08	27/06/2019 To 11/07/2019	
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.	Lecture	13	12/07/2019 To 09/08/2019	
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.	Lecture	08	10/08/2019 To 31/08/2019	

I.	Spectroscopy Nuclear magnetic resonance (NMR) spectroscopy. Proton magnetic resonance (¹ H 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)	Lecture	16	05/09/2019 To 18/10/2019	
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Signature of Faculty Member



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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI
Teaching –Plan Academic Year (2019-2020)

Class: **B.Sc. III.**

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

Paper Name: **OGANIC + INCHEMISTRY**


Department of **Chemistry**

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

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	01/07/2019 To 23/10/2019	
1.	i) Benzoic Acid + β -naphthol		4		
	ii) Salicylic Acid + P- nitro aniline		4		
	iii) β -naphthol + Acetanilide		4		
	iv) m-nitroaniline + Naphthalene		4		
	v) a-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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Tq. Omarga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

Class: **B.Sc. III.**

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

Paper Name: **INORGANIC CHEMISTRY**

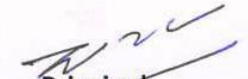
Department of **Chemistry**

Paper No.: **XV (Sem .VI) Lab.Course. X.**

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	11/11/2019 To 09/03/2020	
	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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SHRI RISHNA MAHAVIDYALAYA, GUNTUR

Teaching –Plan Academic Year (2019-2019)

Class: **B.Sc. III.**

Department of **Chemistry**

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

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


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).	Lecture	13	14/11/2019 To 12/12/2019	
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	Lecture	10	13/12/2019 To 10/01/2020	
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.	Lecture	07	11/01/2020 To 31/01/2020	

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, Defination, introduction, classification of drugs. Properties of ideal drug. Synthesis of chloromycetien, paracetamol, phenacetien, sulphaguainidine.</p>	Lecture	15	11/01/2020 To 07/03/2020	
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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI
Teaching –Plan Academic Year (2019-2020)

Class: **B.Sc. III.**

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

Department of **Chemistry**

Paper No.: Paper No.: XVIII (Sem.V)

Paper Name: **Physical Chemistry**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Instrumental 1. Determine the % composition of HCl and CH ₃ COOH in a given mixture by titrating against strong base conductometrically. 2. Determine the strength of oxalic acid conductometrically using sodium hydroxide solution. 3. To determine empirical formula of ferric -5-sulphosalicylate 4. Determine the amount of Fe ²⁺ in the given solution potentiometrically 5. To determine the refractive indices of series of salt solutions and to find out concentration of the salt in given unknown solution.	Demonstration	20	15/07/2019 To 07/09/2019	
2.	Non-Instrumental 1. To determine the interfacial tension between two immiscible liquids. 2. To study the effect of addition of an electrolyte NaCl / KCl on the solubility of benzoic acid at room temperature. 3. To determine the standard free energy change ΔG ⁰ and equilibrium constant for the reaction. $Cu + 2 Ag^+ = Cu^{+2} + 2 Ag$	Demonstration	12		

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SHRI KRISHNA MAHAVIDYALAYA, GUNJOTI
Teaching –Plan Academic Year (2019-2020)

Class: **B.Sc. III.**

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

Department of **Chemistry**

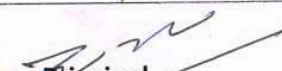
Paper No.: Paper No.: XVIII (Sem.VI)

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	13/11/2019 To 17/12/2019	
	i) Estimation of Carbonyl group by hydrazone formation method	Demonstration			
	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			24	24/12/2019 To 19/02/2020
	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: (2019-2020)

(Department of Chemistry)

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

Term	Month	Working days	Theory Periods	Practical Periods	Total Periods
First Term	June	05	03	00	03
	July	27	12	60	72
	August	22	11	68	79
	September	22	12	64	76
	October	14	09	38	47
Total 1		90	47	230	277
Winter Vacation 21-10-2019 to 10-11-2020					
Second Term	November	17	08	50	58
	December	25	12	76	88
	January	26	14	78	92
	February	23	13	64	77
	March	12	06	36	42
Total 2		103	53	304	357
Total 1 + 2		193	100	534	628


Total Working Days = **234**

Total Theory Periods = **100**

Total Teaching Days = **193**

Total Practical Periods = **534**


Signature of Faculty Member


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Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI
Teaching Plan Academic Year 2019-2020

SKMG / 2019-20

Department of Chemistry


Paper No.: Paper –VIII (III Sem.)

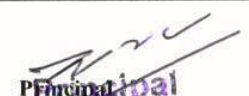
Class: B.A. / B.Sc. / M.A. / M.Sc. / II

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 of Date / 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	June 25, 2019 to August 02, 2019	
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	August 03, 2019 to September 21, 2019	
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	September 26, 2019 to October 19, 2019	


Signature of Faculty Member


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI
Teaching Plan Academic Year 2019-2020

SKMG / 2019-20

Department of Chemistry

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 of Date / 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 (FeCl ₃ - H ₂ O) System. Freezing Mixture, Acetone-Dry Ice. Liquid-Liquid Mixture: Raoult's Law and Henry's Law. Ideal and Non-Ideal system. Azeotropes: HCl - H ₂ 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	November 14, 2019 to December 19, 2019	
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	December 20, 2019 to January 24, 2020	


Signature of Faculty Member


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching Plan Academic Year 2019-2020

SKMG / 2019-20

Department of Chemistry

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 of Date / 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	January 25, 2020 to February 29, 2020	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching Plan Academic Year 2019-2020

SKMG / 2019-DD

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

Department of Chemistry

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

Paper No.: Paper -III (I Sem.)

Paper Name: Lab Course I

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / 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	July 2019	
II.	Inorganic Qualitative Analysis : Identify two acids and two basic radical from the given binary mixture. a] CdSO ₄ + NH ₄ Cl b] BaCO ₃ + Al ₂ (NO ₃) ₃ c] ZnCO ₃ + KBr d] MnCO ₃ + MgSO ₄ e] NiSO ₄ + MgCO ₃	Lecture & Demonstration	15	August 2019, September 2019	
III.	Physical Chemistry:	Lecture & Demonstration	20	September 2019 & October 2019	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI
Teaching Plan Academic Year 2019-2020

SKMG / 2019-20

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

Department of Chemistry

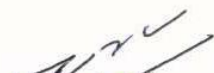
Name of Faculty Member: Dr. V.S. Hogade

Paper No.: Paper – III (I Sem.)

Paper Name: Lab Course I

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Eudiometer: Determination of Equivalent weight of Mg	Lecture & Demonstration			
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.				


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI
Teaching Plan Academic Year 2019-2020

SKMG / 2019-20

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

Department of Chemistry

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

Paper No.: Paper – VI (II Sem.)

Paper Name: Lab Course II

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
I.	Organic Qualitative Analysis: Nature / Functional group / Element / Derivative / Physical constant * Benzoic acid, * salicylic acid, * β -naphthol, * p-nitro aniline, * Naphthalene, * Acetanilide.	Lecture & Demonstration	30	December 2019 and January 2020	
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	February 2020 & March 2020	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching Plan Academic Year 2019-2020

SKMG / 2019-20

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

Department of Chemistry

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

Paper No.: Paper – IX (III Sem.)

Paper Name: Lab Course III (Physical Chemistry)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
I.	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	July 2019 – October 2019	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI
Teaching Plan Academic Year 2019-2020

SKMG / 2019-20

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

Department of Chemistry

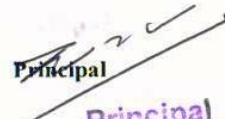
Name of Faculty Member: Dr. V.S. Hogade

Paper No.: Paper –XII (IV Sem.)

Paper Name: Lab Course IV (Physical Chemistry)

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Instrumentation: i) To determine normality and strength of HCl using (0.1N) NaOH Solution Conductometrically. ii) To determine normality and strength of acetic acid using (0.1N) NaOH solution Conductometrically. iii) To determine normality and strength of HCl using (0.1N) NaOH solution by pH-Metrically. iv) To Verify Lambert-Beers Law using $KMnO_4$ solution. v) To estimate the amount of Sugar using Polarimeter. vi) To determine refractive index of ethanol water system. vii) To determine indicator constant of indicator colorimetrically.	Lecture & Demonstration	45	December 2019 – March 2020	


Signature of Faculty Member


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI
Teaching Plan Academic Year 2019-2020

SKMG / 2019-~~20~~ 20

Department of **Chemistry**

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

Class: **B.A. / B.Sc. / M.A. / M.Sc. / Third Year**

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

Paper Name: **Lab Course V (Organic Chemistry)**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Binary Mixture Separation Separation and Identification of both components i) Benzoic Acid + β -naphthol iii) β -naphthol + Acetanilide v) α -naphthol + diphenyl amine vii) Salicylic Acid + Naphthalene ix) Cinnamic Acid + P- nitro aniline ii) Salicylic Acid + P- nitro aniline iv) p-toluidine + Naphthalene vi) Cinnamic Acid + Naphthalene viii) β -naphthol + m-dinitrobenzene x) Salicylic Acid + β -naphthol	Lecture & Demonstration	45	July 2019 and October 2019	

Signature of Faculty Member

V.S. Hogade

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI
Teaching –Plan Academic Year 2019-2020

SKMG / 2019-20

Department of **Chemistry**

Paper No.: **XVIII (VI Sem.)**

Class: B.A. / B.Sc. / M.A. / M.Sc. / **Third Year**

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

Paper Name: **Lab Course VI (Physical Chemistry)**

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Instrumental 1. Determine the Strength of HCl and CH ₃ COOH in a given mixture by titrating against strong base conductometrically. 2. Determine the strength of oxalic acid conductometrically using sodium hydroxide solution. 3. To determine empirical formula of ferric -5-sulphosalicylate 4. Determine the amount of Fe ²⁺ in the given solution potentiometrically 5. To determine the refractive indices of series of salt solutions and to find out concentration of the salt in given unknown solution. Non-Instrumental 1. To determine the interfacial tension between two immiscible liquids. 2. To study the effect of addition of an electrolyte NaCl / KCl on the solubility of benzoic acid at room temperature. 3. To determine the standard free energy change ΔG^0 and equilibrium constant for the reaction. $\text{Cu} + 2 \text{Ag}^+ = \text{Cu}^{2+} + 2 \text{Ag}$	Lecture & Demonstration	45	November 2019 and March 2020	


Signature of Faculty Member


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar for 180 Days

Faculty of Science

Academic Year- 2019- 2020

Department of Botany

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

Term	Month	Working days	Theory periods			Practical periods			Total periods
			I	II	III	I	II	III	
First Term	June	05	--	03	03	--	01+01	01	09
	July	27	15	12	12	--	15+12	15	81
	August	22	11	11	11	--	09+12	12	66
	September	22	11	11	11	--	12+12	12	69
	October	14	05	09	09	--	03+09	06	41
Total 1		90	42	46	46	--	40+46	46	266
Second Term	November	17	08	09	09	--	09+12	09	56
	December	25	13	12	12	--	15+12	09	73
	January	26	12	14	14	--	12+12	09	73
	February	23	10	13	13	--	12+12	09	69
	March	12	06	06	06	--	06+06	06	36
Total 2		103	49	54	54	--	54+54	42	307
Total 1+2		193	91	100	100	--	94+100	88	573

Total working days = 193

Total theory periods = 291

Total practical periods = 282

Signature of Faculty Member

Principal

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Dahanu

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI
Academic Calendar for 180 Days

Faculty of Science

Academic Year- 2019- 2020

Department of Botany

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

Term	Month	Working days	Theory periods			Practical periods			Total periods
			I	II	III	I	II	III	
First Term	June	05	--	03	03	--	01+01	01	09
	July	27	15	12	12	--	15+12	15	81
	August	22	11	11	11	--	09+12	12	66
	September	22	11	11	11	--	12+12	12	69
	October	14	05	09	09	--	03+09	06	41
Total 1		90	42	46	46	--	40+46	46	266
Second Term	November	17	08	09	09	--	09+12	09	56
	December	25	13	12	12	--	15+12	09	73
	January	26	12	14	14	--	12+12	09	73
	February	23	10	13	13	--	12+12	09	69
	March	12	06	06	06	--	06+06	06	36
Total 2		103	49	54	54	--	54+54	42	307
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Total working days = 193

Total theory periods = 291

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Signature of Faculty Member

Principal
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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2019-2020

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 Alexopoulous 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 2019-2020

Class: B.Sc.

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	July	
2.	Virus: Tobacco Mosaic Virus	Demonstration	03	August	
3.	Gram staining in bacteria, forms of Bacteria	Demonstration	03	September	
4	Algae: a) <i>Nostoc</i> b) <i>Chara</i> c) <i>Botrydium</i> d) <i>Sargassum</i> e) <i>Batrachospermum</i>	Demonstration	03	September	
5	Fungi: a) <i>Albugo</i> b) <i>Mucor</i> , c) <i>Eurotium</i> d) <i>Agaricus</i> e) <i>Cercospora</i>	Demonstration	03	October	
6	Lichens: Form - Crustose, Foliose, Fruticose; <i>Usnea</i> .	Demonstration	03	November	

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Tal: Amarga Dist: Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2019-2020

Class: B.Sc.

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 2019-2020

Class: B.Sc.

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	June and July	
2.	Study of morphological and anatomical adaptations in xerophytes - <i>Aloe</i> , <i>Nerium</i> , <i>Casuarina</i> .	Demonstration	03	July	
3.	Study of morphological adaptations in halophytes -Pneumatophores, Stilt roots	Demonstration	03	August	
4.	Study of morphological and anatomical adaptations in epiphytes	Demonstration	03	August	
5	Study of vegetation by quadrat method	Demonstration	06	September	
6	Estimation of Importance Value Index (IVI) of grassland ecosystem on the basis of relative frequency, relative density and relative abundance.	Demonstration	06	September	
7	Determination of water holding capacity of different soils	Demonstration	03	September	
8	Study of meteorological instruments -Rain gauge, Hygrometer, Barometer Estimation of salinity of different water samples	Demonstration	03	October	
9	Determination of percent leaf area injury of different infected leaf samples	Demonstration	06	October	
10	Determination of pH of different soils by pH papers/universal indicator/pH meter.	Demonstration	06	November	

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Tq. Onarga Dist. T. Maharashtra



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2019-2020

Class: B.Sc.

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, 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 2019-2020

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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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2019-2020

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

Department of Botany

Paper No.: XII (IV Sem.)

Name of Faculty: Dr. G. M. RATHOD

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 2019-2020

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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Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omga



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI


Teaching –Plan Academic Year 2019-2020

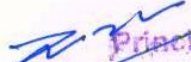
Class: B.A. / B.Sc. / M.A. / M.Sc.

Department of **Botany**
Paper No.: **XVII (VI Sem.)**

Name of Faculty: **Dr. G. M. RATHOD**
Paper Name: **Cell Biology and Molecular Biology**

Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	1.Cell: Structure of Prokaryotic cell and Eukaryotic cell (Plant cell)	Lecture	02		
	2.Cell Wall and Cell organelles: Structure and function of cell wall and cell organelles- Golgi complex, Endoplasmic reticulum, Lysosomes	Lecture	08		
	3.Nucleus: Ultra structure (Nuclear membrane, Nucleolus, Chromatin material, Nucleoplasm), Function of Nucleus	Lecture	05		
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	Lecture	06		
	2.Nucleic acids: a. DNA Definition, Structure, chemical composition (nitrogen 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	09		
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	Lecture	07		
	2.Chromosomal aberrations: a. Structural- deletion, duplication, inversion and translocation b. Numerical- euploidy and aneuploidy	Lecture	08		


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2017-2018

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

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

Name of Faculty: Dr. G. M. RATHOD
Paper Name: Genetics and Biotechnology

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 principle's –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 inheritance ii. 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 haemophilia 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 alkaptonuria v. 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		

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2019-2020

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

Department of **Botany**

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

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

Paper Name: **Genetics and Biotechnology (Pract.)**

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

Signature of Faculty

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Shrikrishna Mahavidyalaya, Gunjoti
Tal. Gunjoti, Dist. Dahanu, Maharashtra

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

180 Days Academic Calendar

Faculty of : **Science**

Academic Year- **2019- 2020**

Department of **Botany**

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

Term	Month	Working days	Theory periods			Practical periods			Total periods
			I	II	III	I	II	III	
	June	05	00	02	02	00	00	01	07
	July	27	12	18	18	05	09	04	102
	August	22	12	10	10	03	08	04	77
	September	22	12	10	10	04	06	04	74
	October	14	09	06	06	02	05	03	51
	Total 1	90	45	46	46	14	28	16	311
	November	17	09	08	08	02	05	03	55
	December	25	12	13	13	05	09	04	92
	January 14	26	14	12	12	04	08	05	89
	February 14	23	13	10	10	04	07	04	78
	March 14	12	06	06	06	02	04	02	42
	Total 2	90	54	49	49	17	33	18	356
	Total 1+2	180	99	95	95	31	61	34	667

Total working days = 180

Total theory periods = 289

Total practical periods = 378

Signature of Faculty

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Tq. Omarga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20) B.S I Year

Department of Botany

Paper No.: Paper –II (I Sem.)

Name of Faculty: Dr. D.P. Chavan

Paper Name: **Morphology of Angiosperms**

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	<p>1.1- Basic body plan of flowering plant, modular type of growth, diversity of plant forms – Herbs, Shrubs, Trees, Climbers; annuals, biennials and perennials. (02)</p> <p>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 (Pneumatophore). (04) b) Stem: Characteristics, functions, modification – underground, sub aerial and aerial (03) c) Leaf: Parts of typical leaf, phyllotaxy, types diversity in shape and size, venation and modifications of leaf. (06)</p>	Lecture	15	4,5 July 6,11,12,13 July 18,19,20 July 25,26,27 July and 1,2,3 Aug.	
2.	<p>2. Morphology of reproductive organs: 2.1 Inflorescence: Racemose, cymose and special types. (05) 2.2 Flower: Definition, parts of typical flower, forms of thalamus, androphore, gynophore, gynandrophore, insertion of floral whorls on thalamus (hypogyny, perigyny and epigyny), structure, function and modification of calyx, corolla, androecium, gynoecium, aestivation and placentation (15) 2.3 Fruit: Types of fruits (06) 2.4 Fruit and Seed: dispersal strategies. (04)</p>	Lecture	30	8 to 22 Aug. 23 Aug. to 26 Sept. 27,28 Sept. 3-10 Oct 11- 18 Oct 2019	

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Shrikrishna Mahavidyalaya, Gunjoti
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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20) B.S I Year

Department of Botany

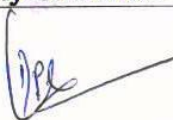
Name of Faculty: **Dr. D.P. Chavan**

Paper No.: **Paper –III (I Sem.)**

Paper Name: **Practical**

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	<p>1. Study of simple and compound microscope</p> <p>2. Virus: Tobacco Mosaic Virus</p> <p>3. Gram staining in bacteria, forms of Bacteria</p> <p>4. Algae: a) <i>Nostoc</i> b) <i>Chara</i> c) <i>Botrydium</i> d) <i>Sargassum</i> e) <i>Batrachospermum</i></p> <p>5. Fungi: a) <i>Albugo</i> b) <i>Mucor</i>, c) <i>Eurotium</i> d) <i>Agaricus</i> e) <i>Cercospora</i></p> <p>6. Lichens: Form - Crustose, Foliose, Fruticose; <i>Usnea</i>.</p>	Demonstration		<p>8 July</p> <p>15 July</p> <p>22 July</p> <p>29 July</p> <p>5 Aug</p> <p>19 Aug</p>	
2.	<p>1. Study of root and its modifications: a) Tap root b) Adventitious root c) Storage roots d) Stilt root e) Respiratory root.</p> <p>2. Study of stem and its modifications: a) Underground stem b) Sub aerial stem c) Aerial stem</p> <p>3. Study of leaf and its diversity: a) Types of leaf b) Shape and size c) Venation d) Phyllotaxy e) Modifications</p> <p>4. Study of inflorescence: a) Racemose b) Cymose c) Special</p> <p>5. Study of flowers: a) Typical flower 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> <p>6. Study of flowers with respect to pollination mechanism: a) <i>Calotropis</i> b) <i>Ocimum</i> c) <i>Salvia</i> d) <i>Helianthus</i> e) <i>Ficus</i> f) <i>Clitoria</i></p> <p>7. Study of fruits:</p>	Demonstration		<p>26 Aug</p> <p>9 Sept</p> <p>16 Sept</p> <p>23 Sept</p> <p>30 Sept</p> <p>7 Oct</p> <p>14 Oct</p>	

Signature of Faculty



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Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20) B.S I Year


Department of **Botany**


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

Paper No.: **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.	a) Types of tissue: i. Meristematic tissue – Meristem, structure and types based on origin and position. (03) ii. Permanent tissues: Simple, Complex and Secretary (06) iii. Epidermal tissues: Trichomes and Stomata (02) b) Histological organization of root and shoot apices (02) c) Various theories of cellular organization (02)	Lecture	15	14,15,16 Nov 21 to 30 Nov 5,6 Dec 7,12 Dec 14,15 ec	
2.	Anatomy: a) Primary structure of root, stem and leaf of Monocot (Maize) and Dicot (Sunflower) (07) b) Secondary growth in root and stem of Dicot (Sunflower) (04) c) Wood anatomy: Growth rings, heart wood and sap wood (02) d) Periderm: Origin, structure and functions. (02)	Lecture	15	20 Dec 2019 to 2 Jan 2020 3, 9,10,11 Jan 16,17 Jan 18, 23 Jan	
3	Embryology: a) Structure of anther, microsporogenesis and development of male gametophyte. (03) b) Structure and types of ovule, megasporogenesis and development of female gametophyte (Polygonum type). (04) c) Pollination -Mechanism, types and agencies. (02) d) Double fertilization and its significance (01) e) Development of Dicot embryo (Crucifer type). (01) f) Structure, development and types of endosperm. (02) g) Structure of Dicot and Monocot seed (02)	Lecture	15	24,25,30 Jan 31 Jan to 1,6,7 Feb 8,13 Feb 14 Feb 15 Feb 20,21 Feb 27,28 Feb	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20) B.S I Year

Department of Botany

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

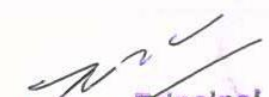
Paper No.: **Paper –VI (II Sem.)**

Paper Name: **Diversity of CryptogamsII & Morphology of AngiospermsII**

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	a) Bryophytes: i. <i>Marchantia</i> ii. <i>Funaria</i> b) Pteridophytes: i. <i>Psilotum</i> ii. <i>Lycopodium</i> iii. <i>Selaginella</i> iv. <i>Equisetum</i> v. <i>Marsilea</i>	Demonstration	15	18 Nov 25 Nov 2 Dec 9 Dec 16 Dec	
2.	Histology: 1. Meristem: root apex and shoot apex 2. Permanent tissues – simple, complex and secretory 3. Epidermal tissues: trichomes and stomata Anatomy: 1. Anatomy of young dicot (Sunflower) and monocot (Maize) root. (Double stained permanent slide preparation) 2. Anatomy of young dicot (Sunflower) and monocot (Maize) stem. (Double stained permanent slide preparation) 3. Anatomy of dicot (Sunflower) and monocot (Maize) leaf. (Double stained permanent slide preparation) Embryology: 1. Study of T.S. of anther 2. Structure of ovule (anatropous), types of ovules 3. Study of Dicot and Monocot seed (embryo)	Demonstration	15	23 Dec 30 Dec 2019 6,13 Jan 2020 20,27 Jan 3,10 Feb 17 Feb 24 Feb	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20) B.S II 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. System of Classification – Introduction of Natural, Artificial and Phylogenetic.(01) 3. Bentham and Hooker's system of classification upto series level, its merits and demerits (02) 3. Taxonomy in relation to anatomy, embryology, palynology, ecology and cytology (05) 4. Concept of Binomial Nomenclature and its advantages (02) 5. Concept of genus, species and epithet. (02) 6. Herbaria and Botanical Gardens. (05)	Lecture	20	25, 26 - June & 1 July 2 - July 3, 8 July 9 to 17 July 22, 23 July 24, 29 July 30 July to 7 Aug.	
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) Caesalpinaceae Mimosaceae iv. Apocynaceae v. Solanaceae	Lecture	25	13, 14 Aug 19, 20 Aug 21, 28 Aug 27, 28 Aug 3, 4 Sept. 9, 11 sept.	

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vi.	Acanthaceae			16, 18 Sept.
vii.	Lamiaceae (Labiatae)			23, 24 Sept
viii.	Nyctaginaceae			25, 30 Sept
ix.	Liliaceae			1, 3 Oct
x.	Poaceae (Gramineae)			7, 9 Oct 14, 15, 16 Oct


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20) B.S II Year

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	90	2, 5 July 9, 12 July 16, 19 July 23, 26 July 30 July & 2 Aug 6, 9 Aug 13, 16 Aug 20, 23 Aug 27, 30 Aug 3, 6 Sept. 13 Sept. 20, Sept 24, 27 Sept.	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20) B.S II Year

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

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

Department of **Botany**

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

Chap. No. Unit No.	Title / Subject	Method of Teaching	No. of Period	Duration of Date / Month/ Year	Remarks
1.	Gymnosperms: 1. Salient features, classification as per Sporne 1965, economic importance (02) 2. Geol. time scale, fossilization, types of fossils, Lyginopteris, fossil fuels (04) 3. Contributions of Prof. Birbal Sahani (01) 4. Study of morphology, anatomy, reproduction (excluding developmental stages) and graphical representation of life cycle of the following types: (06) a) Cycadales – Cycas (06) b) Coniferales – Pinus (04) c) Gnetales - Gnetum	Lecture	23	11, 13 NOV. 18- 25 NOV. 26 NOV. 27 NOV. to 11 Dec. 16- 30 Dec-2019 31 Dec to 7 Jan-2020	
2.	Utilization of Plants: 1. Domestication of plants and their centres of origin (02) 2. History, origin, cultivation, harvesting, improved varieties and economic importance of the following plants: (15) i. Food plants – Wheat, Jowar ii) Sugar – Sugarcane ii. Fibers -Cotton, Jute Vegetable oils – Groundnut, Sunflower iii. Beverages – Tea, Coffee 3. Botanical name, family and economic importance of the following plants (5) i. Medicinal plants – Aloe vera, Withania somnifera, Curcuma longa, Vitex negundo ii. Timber and Gum – Teak, Neem, Babul, Sisham iii. Cosmetics and Perfumes – Rose, Mogara, Tuberose iv. Spices – Clove, Black pepper, Cumin, Coriander, Cinnamon	Lecture	22	8 Jan to 18 Jan 15 Jan to 16 Jan to 18 Feb-2020 24 Feb to 3 March	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20) B.S II Year

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. of Stem, Male cone and Female Cone —	Demonstration	90	15 NOV. 19, 22 NOV. 26, 29 NOV. 3, 6 Dec 10, 13 Dec 17, 20 Dec 2019 24, 27 Dec 2019	
2.	Palaeobotany: a) Types of fossils (Specimens) b) Lygynopteris (Specimen / Permanent slide) —	Demonstration		31 Dec, 3 Jan-2020 7 Jan to 10 Jan-2020	
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		13 Jan 17 21 Jan, 24 Jan 28, 31 Jan & 7 Feb 11 Feb, 14 Feb 18 Feb 21 Feb 25- 28 Feb	

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Teaching –Plan Academic Year (2019-20) B.S III Year

Department of **Botany**

Paper No. **Paper XVI(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	<p>25, 26 June 1 July - 2018</p> <p>2-10 July</p> <p>15-29 July</p> <p>30 July to</p>	
2.	<p>Phytotaxonomy: (08) Classification of Angiosperms with special reference to Linnaeus, A. P. de Candole, Bentham and Hooker.</p>	Lecture	8	<p>30 July to 19 Aug</p>	
3.	<p>Study of diversity following families with reference to the system of classification of Bentham and Hooker (22)</p> <p>1. Magnoliaceae</p> <p>2. Nymphaeaceae</p> <p>3. Papveraceae .</p> <p>4. Brassicaceae</p> <p>5. Capparidaceae .</p> <p>6. Rutaceae</p>	Lecture		<p>20, 21 Aug</p> <p>26, 27 Aug</p> <p>28 Aug & 3 sept.</p> <p>4, 9 sept.</p> <p>11, 16 Sept.</p> <p>18, 23 Sept.</p>	

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20) B.S III Year

Department of **Botany**

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

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

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	9045	4 July - 2019 11 July 18 July 25 July 1 Aug 8 Aug 22 Aug 29 Aug 5 sept 12 sept 19 sept 28 sept 30 Oct 10 Oct 17 Oct	

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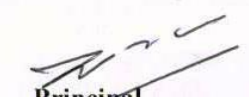
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7. Rhamnaceae			24, 25 Sept
8. Combretaceae			30 Sept, 1 Oct
9. Lythraceae			9, 14 Oct
10. Cucurbitaceae			15 Oct
11. Apiaceae			16 Oct

12 Oct
13 Oct
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23 Oct


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Teaching –Plan Academic Year (2019-20) B.S III Year

Department of **Botany**

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

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

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: Cytotaxonomy, chemotaxonomy, and numerical taxonomy (03)	Lecture	15	11-19 Nov 20-27 Nov & 2 Dec 3-9 Dec 10-16 Dec	
2.	Unit.2 1. Phytotaxonomy: Study of Engler & Prantle, Hutchinson, Takhtajan system of classification (10) 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	17 Dec 2019 to 8 Jan 2020 1, 3 Jan 20, 21 Jan 22, 27 Jan 28, 29 Jan 3, 5 Feb 10, 11 Feb 12, 17 Feb 18, 24 Feb 25, 28 Feb 2, 3 March	

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Teaching –Plan Academic Year (2019-20) B.S III Year

Department of **Botany**

Paper No.: **Paper XXII (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.	Study of following families: 1. Oleaceae 2. Asclepiadaceae 3. Convolvulaceae 4. Scrophulariaceae 5. Verbenaceae 6. Amaranthaceae 7. Euphorbiaceae 8. Orchidaceae 9. Liliaceae 10. Commelinaceae 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)	Demonstration	45	14 Nov 21 Nov 27 Nov 5 Dec 12 Dec 19 Dec 28 Dec 2019 2 Jan 2020 9 Jan 16 Jan 23 Feb Jan 30 Jan 8, 13, 20 Feb	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

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

Department of Botany

Paper No.: Botany, Paper –V (II Sem.)

Name of Faculty: Dr. M. G.Ambuse

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.		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.		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		06		


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

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: 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	03		
2.	i) <i>Marchantia</i>	Demonstration	03		
3.	ii) <i>Funaria</i>	Demonstration	03		
4.	b) Pteridophytes	Demonstration	06		
5.	i) <i>Psilotum</i>	Demonstration	06		
6.	ii) <i>Lycopodium</i>	Demonstration	06		
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 (2019-2020)

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

Department of Botany

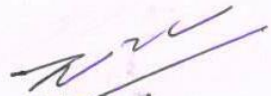
Name of Faculty: Dr. M. G. Ambuse

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	06		
5.	Anatomy of young dicot (Sunflower) and monocot (Maize) stem. (Double stained permanent slide preparation)	Demonstration	06		
6.	Anatomy of dicot (Sunflower) and monocot (Maize) leaf. (Double stained permanent slide preparation)	Demonstration	06		
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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Teaching –Plan Academic Year (2019-2020)

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: 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		

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Teaching –Plan Academic Year (2019-2020)

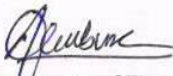
Class: B.A. / B.Sc. / M.A. / M.Sc. / Management Science

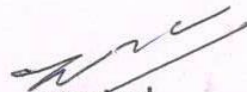
Department of Botany

Name of Faculty: Dr. M. G. Ambuse

Paper No.: Botany, Paper –XXIII (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		


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SHRIKIRSHNA MAHAVIDYALAYA, GUNJOTI

Teaching days Calendar for 180 days

Department : **PHYSICS**

Academic year **2019-2020**

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

Term	Month	Working Days	Theory Periods			Practical Periods	Total Periods
			I	II	III		
First Term	June	05	--	02	03	--	05
	July	27	06	06	12	69	93
	August	22	--	--	11	57	68
	September	22	--	--	11	54	65
	October	14	--	--	09	33	42
	Total I	90	06	08	46	213	273
Second Terms	First Term Examination 21October to 10 November 2019						
	November	17	--	--	09	42	51
	December	25	--	--	12	63	75
	January	26	--	--	14	66	80
	February	23	--	--	13	54	67
	March	12	--	--	06	15	21
	Total II	103	--	--	54	240	294
	Total I+II	193	06	08	100	453	567

Total Teaching days **193**

Total Theory Periods **100**

Total Practical Periods **453**


 Signature of Faculty Member.



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

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	1,2,8 July 2019	
2.	e / m by Thomson tube	Demonstration	06	9,15 July 2019	
3.	Determination of B_H and B_V by earth's Inductor	Demonstration	06	16, 22 July 2019	
4.	Measurement of low resistance using Potentiometer.	Demonstration	06	23,29 July 2019	
5.	Determination of A.C. mains using Sonometer.	Demonstration	06	30 July, 5 Aug 2019	
6.	To study specific rotation by Laurent half shade Polarimeter	Demonstration	06	6,13 Aug 2019	
7.	Cauchy's constant by using spectrometer.	Demonstration	06	19,20 Aug 2019	
8.	Comparison of capacities by Desauty method	Demonstration	06	26,27 Aug 2019	
9.	Velocity of sound using Helmholtz resonator	Demonstration	06	3,9 Sept. 2019	
10.	R.P. Telescope	Demonstration	06	16,23 Sept. 2019	
11.	Wave length by Newton's ring	Demonstration	06	24,30 Sept. 2019	
12.	Thermal conductivity of rubber tube.	Demonstration	06	1,14 Oct. 2019	
13.	Study of temperature dependence of total radiation	Demonstration	06	15 Oct. 2019	

Signature of Faculty Member

Principal

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omernagar, Dist. Solapur



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

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	11,18,19 Nov2019	
2.	I-V Characteristics of solar cell.	Demonstration	06	25,26 Nov2019	
3.	Calibration of bridge wire using carry foster bridge.	Demonstration	09	2,3,9 Dec. 2019	
4.	Determination of absolute capacity of condenser using B.G.	Demonstration	09	10,16,17 Dec.2019	
5.	Full wave rectifier with μ filter	Demonstration	06	23,24 Dec. 2019	
6.	Viscosity of liquid using Searle's Viscometer	Demonstration	09	30,31 Dec. & 6 Jan 20	
7.	Viscosity of liquid by Oscillating disc method	Demonstration	09	7,13,20 Jan 2020	
8.	Transistor characteristics in CE configuration.	Demonstration	06	21, 27 Jan 2020	
9.	Transistor characteristics in CB configuration	Demonstration	06	28 Jan & 3 Feb 2020	
10.	Study of CE amplifier	Demonstration	06	10,11 Feb 2020	
11.	Hartley Oscillator using transistor.	Demonstration	06	17,18 Feb 2020	
12.	Wien bridge oscillator using transistor.	Demonstration	06	24,25 Feb 2020	
13	JFET characteristics (r_p , g_m and μ)	Demonstration	06	2,3 March 2020	

Signature of Faculty Member

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Shrikrishna Mahavidyalaya, Gunjoti
Tq.Omerga Dist.Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

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 (Wed, Thu)

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	3,4,10 July 2019	
2.	e / m by Thomson tube	Demonstration	06	11,17 July 2019	
3.	Determination of B_H and B_V by earth's Inductor	Demonstration	06	18, 24 July 2019	
4.	Measurement of low resistance using Potentiometer.	Demonstration	06	25,31 July 2019	
5.	Determination of A.C. mains using Sonometer.	Demonstration	06	1, 7 Aug. 2019	
6.	To study specific rotation by Laurent half shade Polarimeter	Demonstration	06	8,14 Aug. 2019	
7.	Cauchy's constant by using spectrometer.	Demonstration	06	21,22 Aug 2019	
8.	Comparison of capacities by Desauty method	Demonstration	06	28,29 Aug 2019	
9	Velocity of sound using Helmholtz resonator	Demonstration	06	4,5 Sept. 2019	
10.	R.P. Telescope	Demonstration	06	11,18 Sept. 2019	
11.	Wave length by Newton's ring	Demonstration	06	19,25 Sept. 2019	
12.	Thermal conductivity of rubber tube.	Demonstration	06	26 Sept. 3 Oct 2019	
13	Study of temperature dependence of total radiation	Demonstration	06	9,10 Oct. 2019	

Signature of Faculty Member

Principal

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Dahanu



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

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 (Wed, Thu)

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	13,14,20 Nov. 2019	
2.	I-V Characteristics of solar cell.	Demonstration	06	21,27 Nov 2019	
3.	Calibration of bridge wire using carry foster bridge.	Demonstration	09	28 Nov, 4,5 Dec. 2019	
4.	Determination of absolute capacity of condenser using B.G.	Demonstration	09	11,12,18 Dec. 2019	
5.	Full wave rectifier with μ filter	Demonstration	06	19,26 Dec. 2019	
6.	Viscosity of liquid using Searle's Viscometer	Demonstration	09	1,2 ,8 Jan 2020	
7.	Viscosity of liquid by Oscillating disc method	Demonstration	09	9,15,16 Jan 2020	
8.	Transistor characteristics in CE configuration.	Demonstration	06	22,23 Jan 2020	
9.	Transistor characteristics in CB configuration	Demonstration	06	29, 30 Jan 2020	
10.	Study of CE amplifier	Demonstration	06	5,6 Feb 2020	
11.	Hartley Oscillator using transistor.	Demonstration	06	12,13 Feb 2020	
12.	Wien bridge oscillator using transistor.	Demonstration	06	20,26 Feb 2020	
13	JFET characteristics (rp, gm and μ)	Demonstration	06	27 Feb , 4 March 20	

Signature of Faculty Member

Principal

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq.Omerga Dist.Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

SKMG / 1000 / 2014-15

Department of Physics

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

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

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

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	11	27 June to 19 July 2019	
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	12	20 July to 22Aug. 2019	

Signature of Faculty Member

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Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

SKMG / 1000 / 2014-15

Department of Physics

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

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

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

Paper Name: Classical and Quantum Mechanics

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
3.	Wave Particle duality: Introduction, de-Broglie's hypothesis for matter waves, de-Broglie's wavelength in terms of energy and temperature, de-Broglie phase velocity and particle velocity (relation between them), Group velocity, Relation between group velocity and phase velocity, Davisson-Germer Experiment, Heisenberg uncertainty principle, Applications of Heisenberg uncertainty principle (1) Nonexistence of electrons in nucleus (2) Binding energy of an electron in an atom.	Lecture	12	29 Aug to 26 Spt. 2019	
4.	Schrodinger Equation and its Application: Wave Function (Ψ) of a moving particle, Time dependent Schrodinger's wave equation, Expectation value, Operators, Time independent Schrodinger equation (steady state form), particle in one dimensional box, Quantization of energy and momentum.	Lecture	10	27 Sept. to 18 Oct. 2019	

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Tq.Omerga Dist.Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

SKMG / 1000 / 2014-15

Department of Physics


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

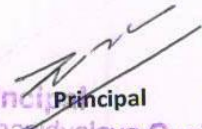
Class: B.A. / B.Sc.III / M.A. / M.Sc. / Management Science

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	10	14 Nov to 5 Dec. 2019	
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	10	6 Dec to 27 Dec 2019	


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Tq. Omega Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

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	15	28 Dec to 31 Jan 2020	
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	10	1 Feb to 27 Feb 2020	

Signature of Faculty Member

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Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

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 (Friday)**

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	5,12,19 July 2019	
2.	e / m by Thomson tube	Demonstration	09	26 July,2,9 Aug 2019	
3.	Determination of BH and BV by earth's Inductor	Demonstration	09	16,30 Aug 2019	
4.	Measurement of low resistance using Potentiometer.	Demonstration	06	6,13 Sept. 2019	
5.	Determination of A.C. mains using Sonometer.	Demonstration	06	20,27 Sept. 2019	
6.	To study specific rotation by Laurent half shade Polarimeter	Demonstration	09	4,11,18 Oct. 2019	
7.	Cauchy's constant by using spectrometer.	Demonstration	06	15,22 Nov.2019	
8	Energy band gap of semiconductor using thermister.	Demonstration	06	29 Nov ,6 Dec 2019	
9	I-V Characteristics of solar cell.	Demonstration	06	13,20 Dec. 2019	
10	Calibration of bridge wire using carry foster bridge.	Demonstration	06	27 Dec. 3 Jan 2020	
11	Determination of absolute capacity of condenser using B.G.	Demonstration	06	10,17 Jan 2020	
12	Full wave rectifier with μ filter	Demonstration	06	24,31 Jan 2020	
13	Viscosity of liquid using Searle's Viscometer	Demonstration	06	7,14 Feb 2020	
14	Viscosity of liquid by Oscillating disc method	Demonstration	06	21,28 Feb 2020	


Signature of Faculty Member


Principal

Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Osmanabad

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar for 180 Days

Faculty of Arts / Science / Management Science

Academic Year: (2019-20)

(Department of Physics)

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

Term	Month	Teaching days	Theory Periods	Practical Periods	Total Periods
First Term	June	05	02	15	17
	July	27	15	81	96
	August	22	11	66	77
	September	22	10	66	76
	October	14	04	42	46
Total 1		90	42	270	312
Second Term	November	17	08	51	59
	December	25	13	75	88
	January	26	12	78	90
	February	23	10	69	79
	March	12	06	36	42
Total 2		103	49	309	358
Total 1 + 2		193	91	579	670

Total Teaching Days = 193

Total Theory Periods = 91

Total Practical Periods = 579

Signature of Faculty Member



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20)

SKMG / 1000 / 2019-20

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


Department of Physics

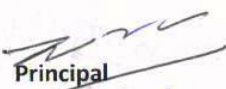
Name of Faculty Member: Dr. R. H. Kadam

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

Paper Name: Electrodynamics

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	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 a uniformed charged sphere, ii) Electric field due to charged cylinder, Gaussian Pillbox, Poisson's equation, Laplace Equation, Uniqueness theorem (First and Second)	Lecture	12	25.06.2019 to 22.07.2019	
2.	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	10	23.07.2019 to 14.08.2019	
3.	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 Poynting Vector, Poynting Theorem, Polarization of Electromagnetic Waves.	Lecture	15	19.08.2019 to 24.09.2019	
4.	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	08	25.09.2019 to 15.10.2019	


Signature of Faculty Member


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Shrikrishna Mahavidyalaya, Gunjoti
Tq.Omerga Dist.Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20)

SKMG / 1000 / 2019-20

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


Department of Physics

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

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

Paper Name: Non-Conventional energy sources and Optical Fibre

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Non Conventional energy sources: Introduction, Biomass, wind energy, tidal energy / Ocean energy, geothermal energy, biogas hydro energy, wind energy, solar energy, Bio-Gas plant –fixed dome type. Wind energy: Introduction to wind energy, terms and definition: 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	12	11.11.2019 to 10.12.2019	
2.	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	10	11.12.2019 to 01.01.2020	
3.	Introduction of optical fibre: Introduction, importance of optical fibre, classification of optical fibre –stepped index fibre, stepped index monomode fibre, Dissadvantages of monomade fibre, plastic fibre, latest developed types of optical fibres-HPSUV, HPSIR, Halide, Tapered.	Lecture	10	06.01.2020 to 29.01.2020	
4.	Fibre cables and Fabrication: Fibre Fabrication: Classification of fibre fabrication techniques, external chemical vapour deposition (external CVD), axial vapour deposition (AVD), internal chemical vapour deposition (ICVD). Fibre Cables: Construction, strength members, cable tensile loading, minimum bend radius losses incurred during installation of cables or during subscriber service testing of cable, selection criteria, optical cable fibre laying in telephone.	Lecture	13	03.02.2020 to 04.03.2020	


Signature of Faculty Member


Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omurga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20)

SKMG / 1000 / 2019-20

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

Department of Physics

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

Paper No.: Phy-303 & 304, Paper –XVII & XVIII (V Sem.)

Paper Name: Practical

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Measurement of focal length of convex lens using laser.	Demonstration	21	25.06.2019 to 02.07.2019	
2.	Spectral response of photoconductor (LDR)	Demonstration	21	03.07.2019 to 10.07.2019	
3.	Diffraction of grating using laser	Demonstration	21	11.07.2019 to 18.07.2019	
4.	R. I. Of optical fibre	Demonstration	21	19.07.2019 to 25.07.2019	
5.	Constant of B.G. by standard condenser method	Demonstration	21	26.07.2019 to 01.08.2019	
6.	Study of Absorption spectra of Iodine	Demonstration	21	02.08.2019 to 09.08.2019	
7.	Beam divergence of a diode laser	Demonstration	21	10.08.2019 to 21.08.2019	
8.	Diameter of thin wire using laser	Demonstration	21	22.08.2019 to 31.08.2019	
9.	Wavelength of He-Ne laser by transmission grating	Demonstration	21	03.09.2019 to 11.09.2019	
10.	γ by Koenig's method	Demonstration	21	12.09.2019 to 20.09.2019	
11.	e/m by Thomson method (excel)	Demonstration	21	21.09.2019 to 28.09.2019	
12.	Edser's A pattern	Demonstration	21	30.09.2019 to 10.10.2019	

Signature of Faculty Member

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20)

SKMG / 1000 / 2019-20

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

Department of Physics

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

Paper No.: Phy-307 & 308, Paper –XXI & XXII (VI Sem.)

Paper Name: Practical

Chapter No. Unit No.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
1.	Thermal conductivity by Forbs method	Demonstration	21	11.11.2019 to 20.11.2019	
2.	Rydberg constant	Demonstration	21	21.11.2019 to 29.11.2019	
3.	Dielectric constant of liquid / solid	Demonstration	21	30.11.2019 to 09.12.2019	
4.	B-H curve using magnetometer	Demonstration	21	10.12.2019 to 28.12.2019	
5.	I-H curve by Excel	Demonstration	21	19.12.2019 to 28.12.2019	
6.	Rydberg constant by Excel	Demonstration	21	30.12.2019 to 07.01.2020	
7.	Temperature coefficient of resistance of semiconductor	Demonstration	21	08.01.2020 to 17.01.2020	
8.	Temperature of sodium flame	Demonstration	21	18.01.2020 to 27.01.2020	
9.	Hartsmann dispersion formula	Demonstration	21	28.01.2020 to 06.02.2020	
10.	Maxwells bridge	Demonstration	21	07.02.2020 to 15.02.2020	
11.	λ by grating	Demonstration	21	17.02.2020 to 26.02.2020	
12.	Bridge rectifier	Demonstration	21	27.02.2020 to 06.02.2020	

Signature of Faculty Member

Principal

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omerga Dist. Osmanabad

SHRIKIRSHNA MAHAVIDYALAYA, GUNJOTI

Teaching days Calendar for 180 days

Department : **Zoology**

Academic year **2019-20**


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

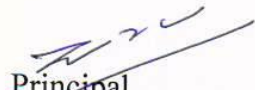
Term	Month	Working Days	Theory Periods		Practical Periods		Total Periods
			I	III	I	III	
First Term	June	05	03	02	03	06	14
	July	27	12	15	12	39	78
	August	22	11	11	12	30	64
	September	22	12	10	12	36	70
	October	14	09	05	09	18	41
	Total I	90	47	43	48	129	267
Second Terms	November	17	09	08	09	27	53
	December	25	12	13	12	36	73
	January	26	14	12	15	39	80
	February	23	12	11	12	36	68
	March	12	06	06	06	18	33
	Total II	103	53	50	54	156	313
	Total I+II	193	100	93	102	285	580

Total Teaching days **193**

Total Theory Periods **193**

Total Practical Periods **387**


Signature of Faculty Member


Principal
Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omarga Dist. Gamanah



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2019-20)

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	12	27 to 29 June, 04 to 20 July 2019	
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	20	25 July to 13 Sept. 2019	
3.	Methods in Cell Biology (in brief) A) Light Microscope Phase contrast microscope Electron microscope B) Micro techniques, (Microtomy) Fixation & Staining	Lecture	13	14 Sept to 19 Oct. 2019	


Signature of Faculty Member


Principal

Principal

Shrikrishna Mahavidyalaya, Gunjoti
Tq. Omega Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20)

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	15	14 Nov to 14Dec. 2019	
2.	Mollusca: - General characters Pila: - External Characters, Respiratory, Circulatory, Nervous and Reproductive systems	Lecture	06	19 Dec. to 28 Dec. 2019	
3	Echinodermata : - General characters Asterias (Sea Star): - Morphology of oral & aboral view, Water vascular system, Reproductive system including development	Lecture	10	02 Jan to 23 Jan. 20	
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	14	24 Jan. To 29 Feb.20	

Signature of Faculty Member

Principal

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Shrikrishna Mahavidyalaya, Gunjoti
Tq.Omerga Dist.Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20)

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, Opalinales, and Flagellates	Demonstration	01	04 July 2019	
2.	Study of museum specimen and slides from Porifera to Annelida.	Demonstration	02	11,18 July 2019	
3.	Dissection: Dissection of Leech for Digestive, Excretory & Reproductive systems. Dissection of Earthworm for Nervous System & Reproductive system	Demonstration	05	25 July, 01, 08, 22, 29 Aug 2019	
4.	Mounting of any five of the following. Sponge spicules, Gemmule, Obelia colony, Jaws of Leech. Spermataca, testes nerve ring of Earthworm, Parapodia of Nereis.	Demonstration	01	05 Sep. 2019	
5.	Study of cell organelles by using Models, Charts, Slides & Electron micrographs.	Demonstration	01	12 Sep. 2019	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20)

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	19 Sept.2019	
7.	Preparation of polytene chromosome in chironomous larva/fruit flies.	Demonstration	01	26 Sept 2019	
8.	Microtechnique: - Fixation, dehydration, Block preparation, Microtomy and Staining of Rat tissue.	Demonstration	02	03,10 Oct.2019	
9.	Study of Microscopy: - Simple, Compound, & Phase Contrast Microscope	Demonstration	01	17 Oct 2019	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-20)

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	14,21,28 Nov. 2019	
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	05,12,19,26 Dec 2019 02 Jan 20	
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	09 Jan 20	
4.	Culture of Drosophila- experimental organism in genetics Observation of common mutants of drosophila	Demonstration	01	16 Jan 20	
5.	Determination of human blood groups A, B, AB, and O, Rh factor.	Demonstration	01	23 Jan 20	
6.	Major and minor problems in genetics	Demonstration	04	30 Jan 06,13,20,27 Feb 20	


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Teaching –Plan Academic Year (2019-20)

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Class: B.Sc.III

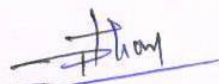
Department of Zoology

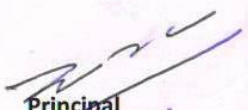
Name of Faculty Member: Dr. D.M.Pathan

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	05	25,26 Jun.01 to03 July 2019	
2.	Freshwater fisheries Status of freshwater fisheries, past, present and future Freshwater capture fisheries, cat fishes, rout. Effect of aquatic pollution on fisheries	Lecture	10	08 to 29 July2019	
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	10	30,31July 05 to21 Aug. 2019	


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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	08	26 to28 Aug. 03 to18 Sept 2019	
5.	Marine water fisheries. Oil-sardine Mackeal Ribbon fish fisheries. Bombay-duck Pomfret-fishery	Lecture	08	23 to 30 Sept 01 to 09Oct 2019	
6.	Application of remote sensing technique in pelagic fisheries	Lecture	04	14 to 16 Oct 2019	


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Department of Zoology

Paper No.: XX (Semester VI)

Class: B.Sc.III

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

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	15	11 to 27 Nov. 02 to 16 Dec.2019	
2.	Fish crop production (fish diseases) Protozoan, fungal, bacterial, viral worms diseases	Lecture	06	17 to 31 Dec. 2019	
3.	Breeding of fishes a) Natural spawning of carps c) Artificial breeding by hypophysation d) Common carp breeding	Lecture	08	01 to 20 Jan 20	


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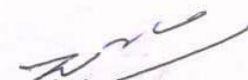
Name of Faculty Member: Dr. D.M.Pathan

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	08	21 to 29 Jan 03 to 10 Feb 20	
5.	Crafts and gears a) Different types of gears b) Different types of crafts c) Preservation of gears	Lecture	08	11 to26 Feb 04 March 20	


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Teaching –Plan Academic Year (2019-20)

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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	1 to 20 July 2019	
2.	Study of brackish water fishes. <i>Hilsa hilsa, Chanos chanos (milkfish), Latis calcarifer, Tilapia</i>	Demonstration	02	22 July to 10 Aug 2019	
3.	Study of marine ware fishes. Oil sardine Mackerel Ribbon -fish Bombay-duck Pomfret Sole Polynemus	Demonstration	03	14 Aug to 14 Sept. 2019	
4.	Water analysis	Demonstration	05	16 Sept to 19 Oct. 2019	
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	11 to 23 Nov 2019	


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Teaching –Plan Academic Year (2019-20)

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Class: B.Sc.III

Department of Zoology

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	25Nov 7 Dec. 2019	
2.	Identification, classification and culturable significance of following. Catla, Rohu, Mrigal, Catfishes, Exotic Fishes	Demonstration	03	9 Dec.1 Jan 2020	
3.	Collection and identification of fish parasites and worms.	Demonstration	04	4 to 31 Jan 2020	
4.	Removal of fish pituitary gland and preparation of pituitary extract	Demonstration	02	3 to 15 Feb 2020	
5.	Identification of crafts and gears. Gill net, Rampanni, Satpati, Machwa, Catamaran	Demonstration	02	17 to 29 Feb2020	
6.	A visit to fish farm and fish processing centre is compulsory		02	2 to 14 March 2020	


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SHRIKIRSHNA MAHAVIDYALAYA, GUNJOTI

Teaching days Calendar for 180 days

Department : **Zoology**

Academic year **2019-2020**

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	June	05	02	03	--	--	05
	July	27	15	12	30	39	96
	August	22	11	11	21	36	79
	September	22	10	12	24	30	76
	October	14	05	09	09	24	47
	Total I	90	43	47	84	129	303
Second Terms	November	17	08	09	18	24	59
	December	25	13	12	24	39	88
	January	26	12	14	27	39	92
	February	23	10	13	21	33	77
	March	12	06	06	12	18	42
	Total II	103	49	54	102	153	358
	Total I+II	193	92	101	186	282	661

Total Teaching days **193**

Total Theory Periods **193**

Total Practical Periods **468**

Signature of Faculty Member

M. S. Madle

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Teaching –Plan Academic Year (2019-2020)

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	02	25,26 June 2019	
2.	Pisces: - Out line classification and general characters. Scoliodon: - External characters, Digestive system, Respiratory system, Blood Vascular System and Nervous System.	Lecture	08	1 to 16 July 2019	
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	06	17 to 30 July 2019	

Madle R.S.
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Teaching –Plan Academic Year (2019-2020)

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	06	31 July to 14 Aug 2019	
5.	Aves: - Out line classification and general charac 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	10	19 Aug to 10 Sept. 2019	
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	13	16 Sept. to 16 Oct. 2019	


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Teaching –Plan Academic Year (2019-2020)

Class: B.Sc. II

SKMG / 1000 / 2014-15

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	07	11 to 26 Nov 2019	
2.	<p>➤ Respiration :- Respiratory organs. Breathing mechanism. Respiratory pigments: - Properties and function of respiratory pigments. External respiration. Internal respiration. Transport of gases.</p>	Lecture	09	27 Nov to 17 Dec. 2019	
3.	<p>➤ Circulation :- Working of mammalian heart. Blood and its composition. Mechanism of blood clotting</p>	Lecture	05	18 to 31 Dec. 2019	
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	05	1 to 13 Jan 2020	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

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	Remark
5.	Nerve Physiology :- Structure of nerve cells and neuron. Neurotransmitters. Synapses: - Ultra structure and function	Lecture	06	15 to 28 Jan 2020	
6..	Muscles Physiology :- Ultra structure of smooth muscle, striated muscles, and cardiac muscles. Muscle contraction. Simple twitch and fatigue	Lecture	05	29 Jan 11 Feb 2020	
7.	Reproduction :- Structure of gonads, Gametogenesis. Role of sex hormones in Reproduction. Reproductive cycles – oestrous and menstrual cycle	Lecture	08	12 Feb to 3 March 2020	

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Teaching –Plan Academic Year (2019-2020)

SKMG / 1000 / 2014-15

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	1 to 31 July 2019	
2.	Dissection of Scoliodon / Labeo <ul style="list-style-type: none">➤ Afferent and efferent,➤ Cranial Nerves.➤ Brain .	Demonstration	03	5to 26 Aug 2019	
3.	Dissection of Rat/ Frog ; <ul style="list-style-type: none">➤ Urinogenital system,➤ Arterial system,➤ Venous System,➤ Brain of Rat	Demonstration	05	28 Aug to 9 Oct 2019	
4.	.Mounting of Placoid, Cycloid and Ctenoid scales of fish	Demonstration	01	14 Oct. 2019	
5.	Study of Embryological development of chick according to hours of incubation	Demonstration	01	16 Oct 2019	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

Class: B.Sc.II

SKMG / 1000 / 2014-15

Department of Zoology

Paper No.: XIII(Semester IV)

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

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	11 to 20 Nov 2019	
2.	Total count of RBC /WBC from given blood sample	Demonstration	04	25 Nov to 18 Dec 2019	
3.	Preparation of Heamatin crystals from blood sample.	Demonstration	01	23,30 Dec. 2019	
4.	Hb% from given blood sample	Demonstration	01	1,6 Jan 2020	
5.	Effect of isotonic, hypotonic, and hypertonic solutions on blood cell (RBCs)	Demonstration	01	8,13 Jan 2020	
6.	Detection of nitrogenous waste product from the extract of different animals	Demonstration	01	15, 20 Jan 2020	
7.	Detection of nitrogenous waste product in fish/frog water tank.	Demonstration	01	22,27 Jan 2020	
8.	Estimation of O ₂ consumed by fish in relation to temperature by Wrinkle's method	Demonstration	01	29 Jan, 3 Feb 20	
9.	Typographic reading of skeletal muscle properties , heart beating in Toad / Rat. (Demo only)	Demonstration	01	5,10 Feb 2020	
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	12,17 Feb 2020	

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Class: B.Sc.III

Department of Zoology

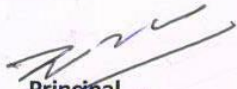
Name of Faculty Member: Dr. R.S. Madle

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
1.	Introduction :- Definition, basic concept, terminology used in ecology.	Lecture	02	27 ,28 June 2019	
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	08	29 June to 18 July 2019	
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	08	19 July to 3 Aug 2019	


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Class: B.Sc.III

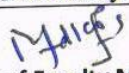
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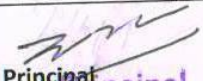
Name of Faculty Member: Dr. R.S. Madle

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	06	8 to 29 Aug 2019	
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	06	30 Aug to 12 Sept. 2019	
6.	Ecosystem :- Definition, concept and types. Components of ecosystem, Dynamics of ecosystem: - primary production, secondary production, food chain, food web, trophic level, energy of flow, ecological pyramids. Brief introduction to major ecosystems: - Marine ecosystem, Pond ecosystem, Forest ecosystem and Desert ecosystem.	Lecture	15	13 Sept to 17Oct 2019	


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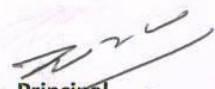
Name of Faculty Member: Dr. R.S. Madle

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
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	06	14 to 23 Nov 2019	
2.	Origin of Life :- Definition, Abiogenesis, Biogenesis. Chemical evolution of life.	Lecture	03	28 to 30 Nov 2019	
3.	Evidences of Organic Evolution :- Anatomical evidences. Embryological evidences	Lecture	04	5 to 12 Dec 2019	
4.	Darwinism :- Introduction :- Natural selection theory, Artificial selection theory and sexual selection theory	Lecture	05	13 to 21 Dec. 2019	
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	07	26 Dec to 9 Jan 2020	


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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	09	10 to 30 Jan 2020	
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	07	31 Jan to 15 Feb 2020	
8.	Fossils :- Definition , fossil formation Types of fossils	Lecture	04	20 to 27 Feb 2020	

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Teaching –Plan Academic Year (2019-2020)

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	2 to 12 July 2019	
2.	Determine the following parameters of soil. pH Alkalinity Chlorinity Salinity	Demonstration	04	16 July to 13 Aug. 2019	
3.	Analysis of DO, CO ₂ , Salinity, Chlorinity of water sample.	Demonstration	04	16 Aug to 19 Sept. 2019	
4.	Study of animal association ship with example (Charts/photo) - Competition, mutualism, parasitism, predation and commensalisms	Demonstration	01	20 to 26 Sept. 2019	
5.	Estimation of population density by Quadrate method on field 04 and by Simulation method	Demonstration	03	27 Sept. to 18 Oct. 2019	
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	14 to 19 Nov 2019	


Signature of Faculty Member


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Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

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	21 Nov to 3 Dec. 2019	
2.	Adaptive modification in feets of birds and mouth parts of insects	Demonstration	02	5 to 17Dec. 2019	
3.	Study of successive stages of evolution with the help of models/charts Horse Human	Demonstration	02	19 to 31 Dec. 2019	
4.	Discussion on patterns of speciation with the help of charts /pictures. Allopatric speciation Sympatric speciation	Demonstration	02	2 to 16 Jan 2020	
5.	Study the homologous and analogous organs	Demonstration	04	17 Jan to 14 Feb. 2020	
6.	Study of natural selection using <i>E.coli</i> bacteria against antibiotics (Tetramycin/ Penicillin)	Demonstration	01	18 to 21 Feb. 2020	
7.	Study of geographical aera	Demonstration	02	25 Feb to 6 March 2020	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar for 180 Days

Academic Year: (2019-2020)

Faculty of Arts / Science

Department of ZOOLOGY

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

Term	Month	Teaching days	Theory Periods	Practical Periods	Total Periods
First Term	June	05	03	-	03
	July	27	27	66	93
	August	22	22	60	82
	September	22	22	54	76
	October	14	16	33	49
Total 1		90	90	213	303
Second Term	November	17	17	42	59
	December	25	25	60	85
	January	26	26	66	92
	February	23	20	54	74
	March	12	02	15	17
Total 2		103	90	237	327
Total I + 2		193	180	450	630

Total Teaching Days = 193

Total Theory Periods = 180

Total Practical Periods = 450

Signature of Faculty Member


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2019-2020)

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 Definition of Zoology, Outline classification Protozoa, Parazoa, Metazoa and Major Phyla.	Lecture	03	1 July 2019 to 3 July 2019	
2.	Protozoa: - General characters <i>Plasmodium vivax</i> : - Structure of sporozoite, Life cycle; Pathogenicity, Control, Prevention and Treatment of Malaria. <i>Endameba histolytica</i> : - Structure, Life cycle and Control. <i>Euglena</i> : - Morphology and Reproduction. <i>Paramecium</i> :- Morphology and Reproduction	Lecture	09	8 July 2019 to 24 July 2019	
3.	Porifera: - General characters Sycon (Scypha): - Morphology, Different types of cells in sycon, Canal system in Prefer.	Lecture	08	29 July 2019 to 14 August 2019	
4.	Coelenterates: - General characters Obelia: - Morphology of Obelia colony, Development of Hydra, Polymorphism in coelenterates.	Lecture	06	19 August 2019 to 28 August 2019	

Signature of Faculty Member

B. Ugale

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2019-2020)

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
5.	Helminthes: - General characters Fasciola hepatica: - Structure, Life cycle, Pathogenicity & Control Measures Taenia solium: - Structure of scolex, Mature and gravid proglottids, Life cycle, Pathogenicity, and control measures. Ascaris lumbricoides: - Structure of male & female, Life cycle, Pathogenicity & control measures.	Lecture	12	3 September 2019 to 9 October 2019	
6.	Annelida: - General characters Leech: - Morphology, Digestive, Excretory & Reproductive systems.	Lecture	07	14 October 2019 to 19 October 2019	

Signature of Faculty Member

B. Ugale

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2019-2020)

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, Opalينات, and Flagellates	Demonstration	01	I Week of July 2019	
2.	Study of museum specimen and slides from Porifera to Annelids.	Demonstration	02	II, III Week of July 2019	
3.	Dissection: Dissection of Leech for Digestive, Excretory & Reproductive systems. Dissection of Earthworm for Nervous System & Reproductive system	Demonstration	05	IV Week of July 2019 To III Week of Aug 2019	
4.	Mounting of any five of the following. Sponge spicules, Gemmule, Obelia colony, Jaws of Leech. Spermataca, testes, nerve ring of Earthworm, Parapodia of Nereis.	Demonstration	01	IV Week of Aug 2019	
5.	Study of cell organelles by using Models, Charts, Slides & Electron micrographs.	Demonstration	01	I Week of September 2019	

Signature of Faculty Member

Begale

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2019-2020)

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
6.	Squash preparation of Onion root tip to study Mitosis.	Demonstration	01	II Week of September 2019	
7.	Preparation of polytene chromosome in chironomous larva/fruit flies.	Demonstration	01	III Week of September 2019	
8.	Microtechnique: - Fixation, dehydration, Block preparation, Microtomy and Staining of Vertebrate tissue.	Demonstration	02	IV Week of September 2019 to I Week of Oct. 2019	
9.	Study of Microscopy: - Simple, Compound, & Phase Contrast Microscope	Demonstration	01	II Week of Oct. 2019	

Signature of Faculty Member

Begale

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2019-2020)

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 Definition of genetics and variation. Mendel's laws of heredity in short.	Lecture	04	11 Nov. 2019 to 19 Nov. 2019	
2.	Gene interaction Definition- modifications in Mendelian phenotypic ratio like, Epitasis, Supplementary gene, Complementary gene.	Lecture	05	20 Nov. 2019 to 2 December 2019	
3.	Multiple Alleles Coat Colour in rabbit. ABO Blood group in man, Rh factor	Lecture	05	3 Dec. 2019 to 11 Dec. 2019	
4.	Cytoplasmic inheritance. <i>Definition of maternal effect.</i> <i>Coiling shell in snail (Limnea peregra)</i> Male sterility. CO ₂ sensitivity in <i>Drosophila</i> . Kappa particles in <i>Paramecia</i> .	Lecture	08	16 Dec. 2019 to 1 January 2020	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2019-2020)

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
5.	Sex Determination Chromosome theory in sex determination Genic balance theory of sex determination Triploid intersexes and Gynandromorphs in <i>Drosophila</i> . Sex linked inheritance: X linked and Y linked	Lecture	08	6 January 20120 to 22 January 2020	
6.	6. Mutation Brief introduction Gene mutation: - Definition and classification Chromosomal aberration (structural & numerical) Spontaneous & induced mutation	Lecture	15	27 January 2020 to 3 March 2020	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2019-2020)

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	II Week of Nov. 2019 To. III Week of November 2019	
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	I Week of Dec. 2019 To II Week of January 2020	
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	III Week of Jan. 2020	
4.	Culture of Drosophila- experimental organism in genetics Observation of common mutants of drosophila	Demonstration	01	I V Week of Jan. 2020	
5.	Determination of human blood groups A, B, AB, and O, Rh factor.	Demonstration	01	I Week of February 2020	
6.	Major and minor problems in genetics	Demonstration	04	II Week of February 2020 To I Week of March 2020	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2019-2020)

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 :- Definition, Concept and Function of gene. Transcription of gene: - Initiation, elongation and termination. Genetic code: - Concept of codon, properties of genetic code. Translation of gene: - Initiation, elongation and termination.	Lecture	08	27 June 2019 to 12 July 2019	
2.	Population Genetics :- Gene Pool, Gene Frequency. Hardy-Weinberg's Law. Application of Hardy-Weinberg's Law.	Lecture	05	13 July 2019 to 25 July 2019	
3.	Human Genetics:- Human chromosomes. Sex linked inheritance –X and Y Linked. Dizygotic and monozygotic twins. Inborn errors in metabolism: - PKU, Albinism. Genetic disorders: - Down's syndrome, Turner's syndrome and Klinefelter's syndrome. Use of human genetics in medical science: - Disease diagnosis, Gene therapy and DNA finger printing.	Lecture	12	26 July 2019 to 30 August 2019	

Signature of Faculty Member

B. Ugale

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2019-2020)

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.	Title / Subject	Method of Teaching	No. Of Period	Duration of Date / Month/ Year	Remarks
4.	Microbial Genetics:- Transformation. Conjugation. Transduction.	Lecture	05	31 August 2019 to 12 September 2019	
5.	Genetic Engineering:- Introduction: - Definition, Concept and significance. Restriction enzyme: - Concept and types. Cloning vectors: - Plasmid, cosmid, phase. Construction of r-DNA. Application of r-DNA technology.	Lecture	15	13 September 02, 2019 to 17 October 2019	

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Teaching – Plan Academic Year (2019-2020)

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	I Week of July 2019	
2.	Study of protein synthesis with the help of chart/models.	Demonstration	02	II, III Week of July 2019	
3.	Estimation of DNA from animal tissue with the help of Diphenyl amine method.	Demonstration	02	IV,V Week of July 2019	
4.	Study of preparation of Normal Karyotype of human.	Demonstration	01	I Week of Aug. 2019	
5.	Karyotypic study of Down's syndrome, Turner's syndrome, Klinefelter's syndrome with the help of photograph.	Demonstration	02	II, III Week of Aug. 2019	
6.	Detection of Barr body from epithelial cell.	Demonstration	01	IV Week of August 2019	
7.	Problems on sex linked inheritance.	Demonstration	02	I,II Week of Sept 2019	
8.	Problem based on Hardy-Weinberg's Law.	Demonstration	02	III, IV Week of Sept. 2019	
9.	Study of gene frequency and mutants of man: a) Attached and free ear lobe. b) Colour of eye. c) Rolling of tongue. d) Blood group frequency.	Demonstration	02	I,II Week of Oct 2019	

Signature of Faculty Member

B. Ugale

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Shrikrishna Mahavidyalaya, Gunjoti

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2019-2020)

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:- Definition, Concept and nomenclature. Properties, classification. Mechanism of enzyme action. Factors affecting enzyme action (Temperature, pH, Substrates & Co- enzyme.)	Lecture	05	14 Nov. 2019 to 22 Nov. 2019	
2.	Carbohydrates: - Definition, classification monosaccharide, disaccharides, oligosaccharides and polysaccharides. Metabolism: - Glucogenesis, Gluconeogenesis, Glycolysis, TCA and oxidative phosphorylation.	Lecture	06	23 Nov. 2019 to 6 December 2019	
3.	Proteins:- Definition, classification – simple, conjugated and derived proteins. Structure of protein: - Primary, secondary, tertiary and quaternary. Metabolism: - Deamination and transamination.	Lecture	06	7 December. 2019 to 20 December 2019	

Signature of Faculty Member

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Shrikrishna Mahavidyalaya, Gunjoti



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2019-2020)

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
4.	Lipids: - :Definition, classification, simple, compound and derived lipids. Metabolism: - B-oxidation and cholesterol biosynthesis.	Lecture	05	21 December 2019 to 2 Jan. 2020	
5.	Vitamins: - Sources and deficiency.	Lecture	02	3 Jan. 2020 to 4 Jan. 2020	
B. 1.	ENDOCRINOLOGY Endocrine system of vertebrates:- Introduction: - Definition of endocrine, Paracrine and Autocrine system. Significance of endocrine and neuro-endocrine system.	Lecture	04	9 Jan. 2020 to 16 Jan. 2020	

Signature of Faculty Member

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2019-2020)

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
2.	Pituitary gland: - Morphology & histological structure, Hormones and their function.	Lecture	05	17 Jan. 2020 to 25 January 2020	
3.	Thyroid gland: - Morphology & histological structure, Hormones and their function.	Lecture	03	30 January 2020 to 1 February 2020	
4.	Adrenal gland: - Morphology & histological structure, Hormones and their function.	Lecture	05	6 February 2020 to 14 February 2020	
5	Pancreas: - Islets of langarhance- Histological structure, Hormones and their function.	Lecture	05	15 February 2020 to 22 Feb 2020	

Signature of Faculty Member

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Shrikrishna Mahavidyalaya, Gunjoti,
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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching – Plan Academic Year (2019-2020)

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	III, IV Week of Nov. 2019	
2.	Study of analytical instrument principal and applications. pH meter, Colorimeter, Centrifuge, Electrophoresis.	Demonstration	04	I To IV Week of Dec. 2019	
3.	Factors affecting enzyme activity temperature and pH.	Demonstration	02	I, II Week of Jan. 2020	
4.	Detection of amino acid by paper chromatography.	Demonstration	01	III Week of Jan. 2020	
5.	Qualitative test for organic compound. Carbohydrate, Protein and Fat.	Demonstration	03	IV Week of Jan. 2020 To II Week of Feb. 2020	
6.	Quantitative estimation of protein from animal tissue using Lawry's method.	Demonstration	02	III Week of Feb. 2020 to IV week of Feb. 2020	
7.	Study of permanent histological slides of endocrine glands.	Demonstration	01	I Week of March. 2020	

Signature of Faculty Member

Principal

Shrikrishna Mahavidyalaya, Gunjoti

Tq. Cr.

SHRIKRISHNA MAHAVIDYALAYA, GUNJONA

Academic Calender For 180 Days

Faculty of SCIENCE

Academic Year 20

Department of MATHEMATICS

Name of Faculty Member Shri. H. S. BHOSALE

Term	Month	Working Days	Theory Periods			Practical Periods
			First Year	Second Year	Third Year	
First Term	June	5	0	4	8	0
	July	27	20	20	40	0
	August	22	18	17	34	0
	September	22	18	18	36	0
	October	14	10	10	20	0
Total 1		90	66	69	138	0
Second Term	November	17	9	10	20	0
	December	25	22	22	44	0
	January	26	22	22	44	0
	February	23	18	18	36	0
	March	12	8	8	16	0
Total 2		103	79	80	160	0
Total 1 + 2		193	145	149	298	0

Total Working Days: 237

Total Theory Periods: 571

Total Practical Periods: 0


Signature of Faculty Member

Bhosale H. S.



SHRIKRISHNA MAHA VIDYALAYA, GUNJOTI.

Teaching-Learning Academic Plan (2019 - 20)

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	June -19	
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^n , $\sin ax$, $\cos ax$, $e^{ax} \sin bx$ and x^n in the second member.	Lecture	15	July - 19	
3	Linear Equations with Variable Coefficients: The homogeneous linear equation, methods of finding solution, the symbolic functions $1/f(x)$ and $1/g(\theta)$, 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	July -19 Aug -19	
4	Exact Differential Equations and Equations of Particular Form: Exact differential equations, criterion of an exact differential equation, the integration of an exact equation, first integral, equations of the form $M dx + N dy = 0$, equation of the form $M dx + N dy = P dx dy$.	Lecture	05	Aug -19	
5	Ordinary Differential Equations with More Than Two Variables: Simultaneous differential equations when are linear, simultaneous equations of the first order.	Lecture	10	Sept-19	
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	Sept-19, Oct -19	

Professor

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Teaching-Learning Academic Plan (2019 – 20)

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	June, July - 2019	
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	July, Aug - 2019	
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	Aug, Sept. 2019	
4	<u>Application to Laplace Transform:</u> Differential Equations, Notations.	Lecture	05	Oct- 2019	
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	Oct - 2019	

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Teaching-Learning Academic Plan (2019 – 20)

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, Equivalency, Countability, Real numbers, Least upper bounds.	Lecture	10	Jun – 19	
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	July – Aug – 19	
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	Aug – Sept – 19	
4	5) Jacobians: Definitions, Case of function of functions, Jacobian of implicit functions, Necessary and sufficient condition for a Jacobian to vanish.	Lecture	15	Sept – Oct – 19	

Signature of Associate Professor

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Teaching-Learning Academic Plan (2019 – 20)

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	June – July – Aug – 19	
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	Aug – Sept – Oct – 19	

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Tq. Omerga Dist. Osmanabad



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Teaching-Learning Academic Plan (2019 – 20)

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	<u>The Plane:</u> 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	Dec – 19	
2	<u>Right Line:</u> Equations of a line, equations of a straight line in terms of its direction cosines and the coordinates 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	Dec-19, Jan-20	
3	<u>Sphere:</u> 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	Jan – 20,	
4	<u>Cones, Cylinders:</u> The right circular cone, equation of a right circular cone, the right circular cylinder equation of a right circular cylinder.	Lecture	07	Feb – 20	
5	<u>The Conicoid:</u> 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	Feb Mar – 20	

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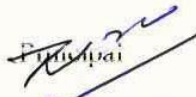
Teaching-Learning Academic Plan (2019-20)

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 partial differential equations. Geometric interpretation of the Lagrange's partial differential equation $Pp + Qq = R$	Lecture	10	Nov- Dec	
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	11	Dec-19 Jan-20	
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	13	Jan- Feb-20	
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	Feb-20	

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Teaching-Learning Academic Plan (2019 – 20)

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: Metric Spaces: Functions continuous on metric spaces, open sets, Closed sets.	Lecture	15	Dec – 19	
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	Dec-19, Jan 20	
3	Calculus: Sets of measure zero, Definition of Riemann Integral, Existence of Riemann Integral, Fundamental Theorem of Calculus.	Lecture	15	Jan – Feb – 20	
	Fourier Series: Introduction	Lecture	15	Feb – Mar-20	

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Teaching-Learning Academic Plan (2019 – 20)

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	Dec - 19	
2	Linear independence and bases	Lecture	10	Jan - 20	
3	Dual Spaces.	Lecture	10	Jan - 20	
4	Inner product spaces	Lecture	15	Jan - Feb - 20	
5	Modules	Lecture	10	Feb - Mar - 20	

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Shrikrishna Shikshan Sanstha's
SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Academic Calendar for 180 Days

Faculty of Science

Academic Year- 2019- 2020

Department of Mathematics

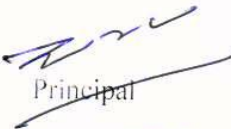
Name of Faculty: Dr. J.A. Nanware

Term	Month	Working days	Theory periods			Practical periods			Total periods
			I	II	III	I	II	III	
First Term	June	05	00	10	05	00	00	00	15
	July	27	20	40	20	00	00	00	80
	August	22	20	35	15	00	00	00	70
	September	22	20	35	15	00	00	00	70
	October	14	00	00	05	00	00	00	05
Total 1		90	60	120	60	-			240
Second Term	November	17	00	00	10	00	00	00	10
	December	25	20	40	10	00	00	00	70
	January	26	20	40	20	00	00	00	80
	February	23	15	35	20	00	00	00	70
	March	12	05	05	00	00	00	00	10
Total 2		103	60	120	60	-			240
Total 1+2		193	120	240	120	-			480

Total working days = 180

Total theory periods = 480


Signature of Faculty Member


Principal

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GUNJOTI, DIST. OSMANABAD (M.S.)



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

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	02/07/2019-09/07/2019	
	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	11/07/2019-15/07/2019	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	18/07/2019-22/07/2019	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	25/07/2019-05/08/2019	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	08/08/2019-12/08/2019	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	Lecture	10	18/08/2019-01/09/2019	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	05/09/2019-09/09/2019	
	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 a. ∇ , divergence and curl, gradient, divergence and curl of sums and product	Lecture	15	12/09/2019-30-09/2019 05/10/2019-10/10/2019	Unit test

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI-

Teaching –Plan Academic Year (2019-2020)

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	03/12/2019-08/12/2019	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	08/12/2019-14/12/2019	
	Integration of Trigonometric Functions: Integration of $\sin^n x$, $\cos^n x$ and reduction formulae for integration of $\sin^n x$, $\cos^n x$	Lecture	10	15/12/2019-21/12/2019	Unit test
	Definite Integral as the Limit of a sum: Introduction, fundamental theorem.		08	22/12/2019-30/12/2019	
2.	Areas of Plane Regions: Areas of region bounded by a curve, x-axis and two ordinates	Lecture	05	01/01/2020-06/01/2020	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.	Lecture	15	08/01/2020-17/01/2020	Unit test


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

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	25/06/2019-13/07/2019	Unit test
2.	Primes and their distribution: The fundamental theorem of arithmetic	Lecture	10	13/07/2019-24/07/2019	Tutorial Unit test
3.	The theory of congruences : Basic properties of congruences, Linear congruences	Lecture	10	25/07/2019-03/08/2019	Tutorial
4.	Fermat's theorem: Fermat's factorization theorem, the Little theorem, Wilson's theorem	Lecture	10	04/08/2019-14/08/2019	Unit test
5.	Number –Theoretic functions: The functions τ and σ , The Mobius inversion formula	Lecture	07	14/08/2019-18/08/2019	Seminar Unit test
6.	Euler's generalization of Fermat's Theorem: Euler's Phi-function, Euler's theorem, Some properties of Phi function.	Lecture	08	19/08/2019-22/08/2019	Unit test


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

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 equilibrium of two forces, Statics, Resultant of forces, Law of parallelogram of forces, Principle of the transmissibility of force, 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	25/08/2019-06/09/2019 09/09/2019-18/09/2019	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	20	19/08/2019-28/09/2019	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.			01/10/2019-11/10/2019	

4	Centre of Gravity: Centroid of weighted points, Centre of gravity, Centre of gravity of some uniform bodies		10	12/10/2019-21/10/2019	
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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

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	03/12/2019-10/12/2019	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	Demonstration	15	11/12/2019-27/12/2019	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.	Demonstration	10	28/12/2019-02/01/2020	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	Demonstration	15	03/01/2020-09/01/2020	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	11/01/2020-16/01/2020	Tutorial Unit test

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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

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 velocity.	Lecture	15	17/01/2020-29/01/2020	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	10	25/01/2020-08/02/2020	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	Lecture	15	09/02/2020-22/02/2020	Tutorial

	medium, Motion of a body moving under gravity and in a medium whose resistance varies as velocity				
4	Central Orbits: Definitions, Areal Velocity in Central Orbit, Differential Equation of Central Orbit, Apses, Law of force, Pedal equation of some curves	Lecture	10	22/02/2020-10/03/2020	UnitTest

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Teaching –Plan Academic Year (2019-2020)

Class: B.Sc. Third Year


Department of Mathematics

Paper No.: – MAT-504

Name of Faculty: Dr. J.A. Nanware

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	25/06/2019- 01/07/2019	
	Complex series and the exponential function	Lecture	06	02/07/2019- 10/07/2019	
	Determinants	Lecture	04	11/07/2019- 16/07/2019	Unit test
2	Linear equations of the first order:				
	Introduction, differential equations, problems associated with differential equations	Lecture	15	17/07/2019- 10/08/2019	
	Linear equations of the first order, The equation $y' + ay = 0$, The equation $y' + ay = b(x)$	Lecture	10	13/08/2019- 28/08/2019	Unit test
3	Linear equations with constant coefficients:				
	Introduction, The second order homogeneous equation, Initial value problems for second order equations	OHP	10	29/08/2019- 18/09/2019	Seminar
	Linear dependence and independence, A formula for the Wronskain, The nonhomogeneous equation of order two, The homogeneous equation of order n	OHP/Lecture	10	19/09/2019- 11/10/2019	Seminar Unit test


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GUNJOTI, DIST OSMANABAD (M.S.)



SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year (2019-2020)

Class: B.Sc. Third Year


Department of Mathematics

Name of Faculty: Dr. J.A.Nanware

Paper No.: – MAT -604

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	December 2019	Unit test
1	Reduction of the order of a homogeneous equation, The non-homogeneous equation, Homogeneous equations with analytic coefficients, The Legendre equation	Lecture/OHP	20	December 2019/ January 2020	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/OHP	20	January/ February 2020	Seminar Unit test
2	Second order equations with regular singular points-general case, The Bessel equation.	OHP/LCD	10	February/ March 2020	Unit test


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Academic Calendar For 180 Days

Faculty of Science

Academic Year: (2019-20)

(Department of mathematics)

Name of Faculty Member: K. R. Shanediwao

Term	Month	Working days	Theory Periods	Practical Periods	Total
First Term	June	-	-	-	-
	July	15	52 52	-	52
	August	22	58	-	58
	September	22	72 72	-	72
	October	14	44	-	44
Total 1		73	236	-	236
Second Term	November	17	56	-	56
	December	25	80	-	80
	January	26	84	-	84
	February	23	70	-	70
	March	12	16	-	16
Total 2		103	306	-	306
Total 1 + 2		176	542	-	542

Total Working Days = 176
Total Teaching Days = 136
Total Theory Period = 542
Total Practical Periods = -


Signature of Faculty Member

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Teaching Learning Academic Plan 2019-20

Faculty of Science

Department of Mathematics


Paper No. :- MAT – 401

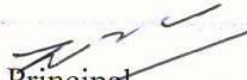
Class :- M.Sc.-I (Sem-I)

Name of Teacher :- Shanediwan K. R.

Paper Name :- Advanced Abstract Algebra – I

Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	Binary relation, binary operation, function, group, subgroup and their properties. Order of a group, element and a subgroup Generator, cyclic group, Lagranges theorem, Fermats and Eulers theorem and their consequences	Lecture	15	July-19	
2	Normal subgroup, quotient group and their properties and axamples. Homomorphism, kernel, image of a homomorphism. Isomorphism and related theorems, Fundamental theorem of group homomorphism, automorphism, conjugacy and G-sets.	Lecture	15	Aug-19.	
3	Permutation groups and related concepts and results. Center, normalizer, commutator of a group, derved group, Cayles theorem	Lecture	15	Aug, Sep-19	
4	Normal series, solvable and nilpotent group and their properties, direct products, simplicity of alternating group	Lecture	15	Sep-19	
5	Fundamental theorem of finitely generated abelian group, invariants of finite abelite abelian group, Sylow theorems and applications	Lecture	15	Oct-19	


Signature of Teacher


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Teaching Learning Academic Plan 2019-20

Faculty of Science

Department of Mathematics


Paper No. :- MAT – 404

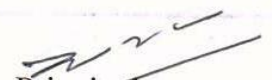
Class :- M.Sc.-I (Sem-I)

Name of Teacher :- Shanediwan K. R.

Paper Name :- Complex Analysis– I

Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	The Complex number system : The field of complex numbers, The complex plane, Rectangular and polar representation of complex numbers; Intrinsic function on the complex field; The Complex plane	Lecture	15	July-19	
2	Metric spaces and Topology of \mathbb{C} : Definition and examples of metric spaces; connectedness; sequence and completeness; compactness; continuity; Uniform convergence	Lecture	15	Aug-19	
3	Elementary properties and examples of Analytic functions : Power series; The exponential function; Trigonometric and hyperbolic functions; Argument of nonzero complex number; Roots of unity; Branch of logarithm function. Analytic functions; cauchy Riemann Equations; Harmonic function	Lecture	15	Aug, Sep-19	
4	Analytic functions as a mapping; Mobius transformations; linear transformations; The point at infinity; Bilinear transformations, Complex Integration: power series representation of analytic functions; zeros of an analytic function.	Lecture	15	Sep-19	
5	Fundamental theorem of finitely generated abelian group, Invariants of finite abelian group, Sylow theorems and applications	Lecture	15	Oct-19	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Teaching Learning Academic Plan 2019-20

Faculty of Science

Department of Mathematics


Paper No. :- MAT – 411

Class :- M.Sc.-I (Sem-II)

Name of Teacher :- Shanediwan K. R.

Paper Name :- Advanced Abstract Algebra– II

Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	Preliminaries of rings, definition, types, subring, ideal, prime, maximal ideas, nil, nilpotent ideals and their properties. Quotient ring, Homomorphism, isomorphism and related results. UFD, PID, Euclidean domain, polynomial rings and their properties	Lecture	15	Nov-19	
2	Vector spaces, subspaces, generating set, linear dependence and independence, basis and dimension, quotient space, homomorphism, dual space, inner product space and modules	Lecture	15	Dec-19	
3	Liner transformation and their properties, characteristic roots, triangular canonical form	Lecture	15	Dec, Jan-19	
4	Extension fields, irreducible polynomials, algebraic extension and their properties, splitting field, normal extension, multiple roots, finite fields, separable extension	Lecture	15	Jan, Feb-20	
5	Automorphism groups, fixed field, fundamental theorem of Galois theory, polynomials solvable by radicals, ruler and compass constructions	Lecture	15	Feb-20	


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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Teaching Learning Academic Plan 2019-20

Faculty of Science

Department of Mathematics

Paper No. :- MAT – 414

Class :- M.Sc.-I (Sem-II)

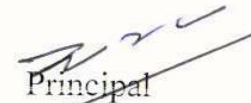
Name of Teacher :- Shanediwan K. R.

Paper Name :- Complex Analysis– II

Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	Compactness and convergence in the space of Analytic functions: Spaces of analytic functions; The weierstrass factorization theorem; factorization of the sine function; The gamma function; The Riemann zeta function	Lecture	15	Nov-19	
2	Harmonic functions: Basic properties of Harmonic functions and comparison with analytic function; Harmonic functions on a disk; Poisson integral formula; positive harmonic functions	Lecture	15	Dec-19	
3	Entire functions; Jensen's formula; The Poisson-Jensen formula; The genus and order of an entire function, Hadamard Factorization Theorem	Lecture	15	Dec, Jan-19	
4	Univalent functions; the class S; the class T; Bieberbach conjecture; sub class of s	Lecture	15	Jan, Feb-20	
5	Analytic continuation: Basic concepts; special functions	Lecture	15	Feb-20	



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Teaching Learning Academic Plan 2019-20

Faculty of Science

Department of Mathematics


Paper No. :- MAT – 525

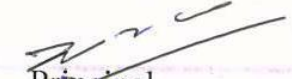
Class :- M.Sc.-II (Sem-III)

Name of Teacher :- Shanediwan K. R.

Paper Name :- Lattice Theory

Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	Partially ordered sets, two definitions of Lattices, lattice as a poset, lattice as algebra, Hasse diagrams, planer and optimal Diagrams, meet and join tables, Homomorphism	Lecture	15	July-19	
2	Isotone maps, sub lattices, ideals and their characterizations congruence relations, congruence lattices, the homomorphism theorem, product lattices, ideal Lattice, complete lattice and their properties.	Lecture	15	Aug-19	
3	.Distributive and modular inequalities and identities, complements and pseudo complements Demorgan's identities, Boolean lattice of pseudo complements, meet and join-irreducible elements, characterization theorems and representation theorems Dedikinds modularity criterion, Birkhoff's distributivity criterion (proofs without using free lattices)	Lecture	15	Aug, Sep-19	
4	Hereditary subsets, ring of sets, Stone theorems, Nachbin theorem Distributive joinsemi lattices and characterization, Distributive lattices with pseudocomplementation	Lecture	15	Sep-19	
5	Join infinite distributive identify, algebraic lattices stone algebra and its characterizations. Distributive standard and neutral elements	Lecture	15	Oct-19	


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Teaching Learning Academic Plan 2019-20

Faculty of Science

Department of Mathematics


Paper No. :- MAT – 502

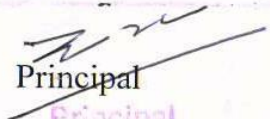
Class :- M.Sc.-II (Sem-III)

Name of Teacher :- Shanediwan K. R.

Paper Name :- PDE

Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	Examples of Partial Differential Equations Classification of second order Partial Differential Equations. Transport equation – Initial value problem Non-homogeneous equations. Laplace's equation- Fundamental solution, Poisson's equation, Mean value formulas, Properties of Harmonic functions	Lecture	15	July-19	
2	Laplace,s Equation,Strong maximum principle, Strong minimum principle, uniqueness, Regularity, Local estimates for harmonic functions Green's function, Derivation of Green's function, Green's function for half space, Green's function for a-ball, Energy methods, uniqueness	Lecture	15	Aug-19	
3	Heat Equation-fundamental solution, Initial value problem, Non-homogenous problem, Mean value formula, Properties of solutions, Strong maximum principle, uniqueness, Energy methods, uniqueness, Backwards uniqueness, Wave Equation – solution by spherical means	Lecture	15	Aug, Sep-19	
4	Non-homogeneous equations, Energy methods. Nonlinear first Order PDE- Complete Integrals, envelopes, new solutions from envelopes characteristics, Representation of solutions-separation of variables, Similarity Solutions, Plane and Traveling waves, solutions, similarity under scaling	Lecture	15	Sep-19	
5	Transformation Methods Fourier and Lap lace Transform, Applications Converting Nonlinear into linear Partial Differential Equation cole-Hopf transformation, A parabolic Partial Differential Equation with quadratic no linearity Burger's equation with viscosity, Hodograph and Legendro Transforms, Potential function	Lecture	15	Oct-19	


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Teaching Learning Academic Plan 2019-20

Faculty of Science

Department of Mathematics


Paper No. :- MAT – 512

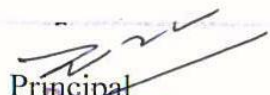
Class :- M.Sc.-II (Sem-IV)

Name of Teacher :- Shanediwan K. R.

Paper Name :- Mechanics

Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	Mechanics of system of particles, generalized coordinates, Holonomic & nonholonomic system, Scleronomic & Rheonomic system, D' Alembert's principle and Lagrange's equation of motion, different forms of Lagrange's equation, Generalized potential, conservative fields and its energy equation, Application of Lagrange's formulation	Lecture	15	Nov-19	
2	Functionals, Linear functionals, Fundamental lemma of Calculus of Variations simple variational problems, The variation of functional, the extremum of functional, necessary condition for extreme, Euler's equation, Euler's equation of several variables, invariance of Euler's equation, Motivating problems of calculus of variation, Shortest distance, Minimum surface of revolution, Brachistochrone Problem, Isoperimetric problem	Lecture	15	Dec-19	
3	The fixed end point problem for 'n' unknown functions, variational problems in parametric form, Generalization of Euler's equation to (i) 'n' dependent functions (ii) higher order derivatives. Variational problems with subsidiary conditions	Lecture	15	Dec, Jan-19	
4	Hamilton's principle, Hamilton's canonical equations, Lagrange's equation from Hamilton's principle Extension of Hamilton's Principle to nonholonomic systems, Application of Hamilton's formulation (Hamiltonian) cyclic coordinates & conservation theorems, Routh's procedure, Hamilton's equations from variational principle, The principle of least action	Lecture	15	Jan, Feb-20	
5	Two-dimensional motion of rigid bodies. The independent coordinates of a rigid body, Orthogonal transformations, Properties of transformation matrix, The Euler angles, Cayley-Klein parameters & related quantities. Euler's dynamical equation for the motion of rigid body	Lecture	15	Feb-20	


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Teaching Learning Academic Plan 2019-20

Faculty of Science

Department of Mathematics


Paper No. :- MAT – 534


Class :- M.Sc.-II (Sem-IV)

Name of Teacher :- Shanediwan K. R.

Paper Name :- Fuzzy Mathematics

Unit No.	Title/Subject	Method of Teaching	No. of Periods	Duration	Remarks
1	Specific objectives: To introduce the theory of fuzzy sets as a measure of uncertainty and a ambiguity. Also to introduce fuzzy and fuzzy logic and different operations on them	Lecture	15	Nov-19	
2	From classical (crisp) sets to fuzzy sets; Introduction: crisp sets: An overview; Basic concepts in fuzzy sets; convex fuzzy sets (Theorems and exercises)	Lecture	15	Dec-19	
3	Fuzzy sets versus crisp sets: Additional properties of α - cuts; Representation of fuzzy sets; Decomposition Theorems. Operations on Fuzzy sets; Types of operations; Fuzzy complement (Axioms and theorems)	Lecture	15	Dec, Jan-19	
4	Fuzzy intersections: t- norms; fuzzy unions: t – co norms; Combinations of operations; Aggregation of operations	Lecture	15	Jan, Feb-20	
5	Fuzzy Arithmetic: fuzzy numbers; Linguistic Variables; Arithmetic operations on intervals of real numbers; Arithmetic operations on fuzzy numbers	Lecture	15	Feb-20	


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Teaching –Plan Academic Year 2019-2020

Class: B.Sc.

Department of Computer Science

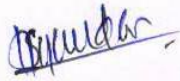
Paper No.: CS01 (I Sem.)

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	

<p>Operating system Concepts Why Operating System</p> <ul style="list-style-type: none"> • Functions of Operating System • Types of Operating System <ul style="list-style-type: none"> o Batch O.S. o Multiprogramming O.S. o Time Sharing O.S o Personal Computers O.S. o Network O.S. 	<p>Lecture</p>	<p>12</p>	<p>September</p>	
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Teaching –Plan Academic Year 2019-2020

Class: B.Sc.

Department of Computer Science

Name of Faculty: Mr. I. S. Inamdar

Paper No.: CS05 (II Sem.)

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)	Lecture	08	October	

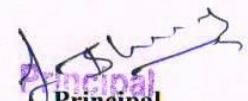
	<ul style="list-style-type: none"> • while and do-while loop, and for loop • break & continue statement, goto statement 				
6	<p>Arrays: Introduction, Declaration and initialization Accessing array elements, Memory representation of array.</p> <ul style="list-style-type: none"> • One dimension and multidimensional arrays, character array, <p>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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Teaching –Plan Academic Year 2019-2020

Class: B.Sc.

Name of Faculty: Mr. I. S. Inamdar

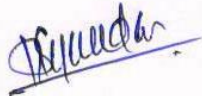
Paper Name: Advance C Programming

Department of Computer Science

Paper No.: CS07 (III Sem.)

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	

	<p>Preprocessor Directives: File inclusion and conditional compiler directives, Macro substitution, #define, #if, #ifdef, #else, #elif, #endif</p>				
3.	<p>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.</p>	Lecture	15	October	



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Teaching –Plan Academic Year 2019-2020

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 2019-2020

Class: B.Sc.

Department of **Computer Science**
Paper No.: CS011 (IV Sem.)

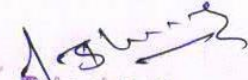
Name of Faculty: **Mr. I. S. Inamdar**
Paper Name: **Programming in C++**

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 2019-2020

Class: B.A. / B.Sc. / M.A. / M.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 2019-2020

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/ Year	Remarks
1.	Introducing HTML5 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 HTML5 Layout container, Format using <div> element, Working with Tables: creating regular and irregular tables, heading, columns and rows, captions, header, footer.	Lecture	15	July August	
2.	Introducing JavaScript Basic of JavaScript, JavaScript Variables, Operators & Its Precedence, Special Values, Predefined Built-in functions, Functions Declaration & Call, String Functions Conditions and looping structure, Inline JavaScript & External JavaScript Advances in JavaScript 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 Event handling in JavaScript: Capturing & Bubbling, Subscribing, Unsubscribing and Cancelling Event, Windows Event, Keyboard and Mouse Events.	Lecture	15	August september	
3.	Cascading Style Sheet 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	Lecture	15	September October	

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Teaching –Plan Academic Year 2019-2020

Class: B.Sc.

Department of Computer Science

Name of Faculty: Mr. I. S. Inamdar

Paper No.: CS018 (V Sem.)

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 2019-2020

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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SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI

Teaching –Plan Academic Year 2019-2020

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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