



Shivraj College
Partur

MINUTES OF MEETING HODs Meeting



Date:	28 May 2022
Convener:	Pra. Shri. S.R. Natkar
Time:	11:00 am – 12:00 pm
Venue:	Principal Board Room

Minutes of HOD meeting (28 May 2022)

Agenda & Discussions

- 1. Fees collection status** - The status of student's pending college fees is discussed with all HODs. The amount of pending fees is informed to respective HODs. Students will not be able to submit the exam form without payment of pending college fees. For semester II classes, GFMS shall inform all students that the result will be withheld if the pending college fees are not paid.
- 2. Course structure amendment and mark-sheets submission** With reference to the amendments in course structure, the TW/O/P mark sheets shall be resubmitted to the university separately. A letter shall be enclosed along with the mark-sheets for reference mentioning that the mark-sheets are submitted as per the amended structure.
- 3. Purchase equipments status** - The status of the purchased equipments is discussed. The equipments shall be properly installed in the laboratory and demonstration shall be arranged for all faculties. After successful installation of equipments, a duly signed report by lab in charge and HOD shall be forwarded to Principal's office for further action.
- 4. UPS**-Reference to the requirement submitted for UPS and batteries, batteries for UPS are available for the departments. HODs shall check the status of the installation of batteries and submit the report.
- 5. Azadi ka Amrut Mahotsav**- All activity planned for "Azadi ka Amrut Mahotsav" should be conducted as per schedule. The report for the conducted activity shall be submitted to the Principal's office upto July end.



Principal

Shivraj College, Partur
Tq. Partur Dist. Jalna



Shivraj College
Partur

MINUTES OF MEETING HODs Meeting

Date:	17 Dec 2022
Convener:	Pra. Shri. S.R. Natkar
Time:	10:00 am – 11:00 pm
Venue:	Principal Board Room

Minutes of HOD meeting (17 Dec 2022)

Agenda & Discussions

1. Regarding 2nd Defaulter List the pre-final defaulter list should be displayed without fail. Students with less than 75% attendance should undergo properly planned academic punishment. Department should strictly follow the procedures throughout.
2. Faculty to follow and setting a culture amongst students It is observed that faculty follow a lenient approach in implementing set procedures and guidelines. This is creating a 'careless approach' and mindset amongst students. Faculty to ensure that discipline in all respects is maintained. HODs to follow up every deviation strictly.
3. **HOD Meeting with students** - Rules and regulations regarding university examination shall be informed to the students. In this regard HODs shall engage a meeting with students. Attendance of the students shall be maintained. HOD shall submit meeting schedule to Principal's office.
4. **Planning for Oral/Practical Examinations**- As per dates suggested by Dean Academics the practical and oral examination planning should start as soon as possible (considering the changes in the academic calendar).
5. **Pending fees follow-up** The status of pending college fees per department is reviewed. Students are pursued for the payment of pending college fees.


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Shivraj College
Partur

MINUTES OF MEETING

HODs Meeting

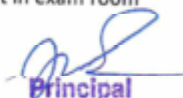


Date:	23 June 2023
Convener:	Pra. Shri. S.R. Natkar
Time:	11:00 am – 12:00 pm
Venue:	Principal Board Room

Minutes of HOD meeting (23 June 2023)

Agenda & Discussions

1. Time table and Workload - Time table for A.Y 2022-23 shall be prepared before 5th of July and shall be submitted with the workload details of every faculty. For faculty, theory, practical and project work load for UG and PG shall be submitted. In the remark column, additional duty given to the faculty shall be mentioned than the workload.
2. Student Attendance Reporting of defaulters should be regular and timely to the Principal and parents. Starting this semester there will be only two defaulter lists. It is decided to grant a fixed 10-15% relaxation for extracurricular/council activities based on the information given by the council incharge. Under no circumstances will a student have attendance below 55-60% including medical grounds.
3. Write-off equipments - The list of equipments to be written off is approved by Bhavan. In this regards, quotations from vendors shall be requested and the equipments shall be given to the highest quotation vendor. All departments shall complete this procedure at the earliest. The equipments write value shall be mentioned in the list.
4. Oral, Practical examination time table The hard copy of time table for oral and practical examination shall be submitted to Principal's office. GFM shall conduct meeting with the students to know the oral-practical examination rules. External must be appointed for the examination. Only internal and external examiner shall be present during examination. The examination bills shall be submitted after completion of exams.
5. Examination supervision During summer 2022 University examinations, it is observed that junior supervisors reported late for the examination. This is not communicated to Principal's office. The examination should start on time. Senior supervisors shall be present in exam room for entire duration.


Principal

Shivraj College, Partur
Tq.Partur Dist.Jalna



6. Unit Test conduction The unit tests at department level shall be conducted in the same manner as university examinations. For this purpose, it is decided that unit test conduction will be centralize from next semester. Exam supervisors should not use mobile phone during examination.

7. Research monitoring committee - To monitor research work carried out by the departments, a research planning and monitoring committee will be formed. The committee will visit every department for this activity. A notice will be shared in this regard.

8. Regarding monitoring of academics in the institute, HODs shall share their suggestions in the next HOD meeting.


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Shivraj College
Partur

MINUTES OF MEETING

HODs Meeting



Date:	19 Sep 2023
Convener:	Pra. Shri. S.R. Natkar
Time:	12:00 am – 01:00 pm
Venue:	Principal Board Room

Minutes of HOD meeting (19 September 2023)

Agenda & Discussions

1. Exam forms-Exam fees for winter 2023 examination shall be paid before 30th September. The data for exam fees/student is shared with the departments. Students shall submit the copy of challan sign the format.
2. College Timing & Leave Rules For teaching staff 9:00 am to 5:00 pm & non-teaching staff 8:45 am to 5:30 pm. Leave application forms will be signed by Principal only after 4 pm. It is observed that faculty /staff inform of absence very casually at the last moment to the HOD or colleague. Alternative arrangements must be made and communicated to the HOD in advance by the faculty taking any kind of leave. The missed lecture must be taken immediately. Failure to adhere to these norms will be treated as LWP. Further, leave applications must be filled in completely, no section left blank. Incomplete forms without signature of HOD will not be accepted.
3. Rules for Late Coming, Early Leaving & Absence during Campus Hours The norms regarding this remain the same and are repeated here for information. Early leaving or late coming should be compensated by coming early / staying late on the same day itself. No faculty/staff should leave the campus during college hours. Faculty should inform the HOD, Principal and OS before leaving the campus for any personal work. They can leave only for a maximum of 2 hours with prior permission and punching in the biometric, limited to once a month. Without informing and taking permission of the concerned authority it is unethical to leave during campus hours and will be viewed seriously.
4. Academic Audit Starting this year, an academic audit will be conducted initially by an internal committee and then by an externally constituted committee at the end of every term. Review


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



of teaching, feedback, extracurricular / co-curricular activities, research will be conducted in this audit.

5. Academic Monitoring - The monitoring of the academics shall be done at the department level by respective HOD. The report shall be submitted to the Principal every Wednesday by email. The academic monitoring report is not received from the HODs till date. Half CL shall be deducted for not conducting 3 lectures as per the given schedule in a week.

6. Regarding University circular of Project examination As per the recent University circular, the project exams must be conducted only after the list of examiners is approved by the University. Therefore the departments should try to get the approvals from BoS chairman and only then conduct the exams.



Principal
Shivraj College, Partur
Tq.Partur Dist.Jalna



Shivraj College
Partur

MINUTES OF MEETING

HODs Meeting

Date:	03 Dec 2023
Convener:	Pra. Shri. S.R. Natkar
Time:	11:00 am – 12:00 pm
Venue:	Principal Board Room

Minutes of HOD meeting (03 Dec 2023)

Agenda & Discussions

1. NEP Structure: As per the guidelines given by UGC, Gov. of Maharashtra and our University we have to implement NEP structure to our course from the coming academic year. In accordance with this, to finalize this structure the NEP committee was formed, and this committee has given the presentation for the same. After discussion in the HoD's meeting one structure was decided in the previous meeting. Now, as per the decided structure we must work for the syllabus. And it should be approved in the BoS meeting.
3. Any other points: Discussion was held on, regarding smooth conduction of practical and oral examinations of end semester of all subjects. Essential instructions were given by the Principal Madam.
4. Examination Fees: At the time of filling of examination forms some of the students have not submitted examination fees. It was decided in a meeting to find those students to do the needful.
5. Office Muster and Department Muster: It is observed that, in case of causal leave taken by individual faculty members are not matching in department as well as office muster. Hence, it is advised that department muster should be maintained properly and confirmed continuously.
6. New Year Greetings & Introduction of New faculty members The Principal wished all a Very Happy New Year 2024. Newly joined faculty members introduced themselves and were welcomed in the Shivraj family.


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Shivraj College
Partur

MINUTES OF MEETING

HODs Meeting



Date:	02 June 2024
Convener:	Pra. Shri. S.R. Natkar
Time:	11:00 am – 12:00 pm
Venue:	Principal Board Room

Minutes of HOD meeting (02nd June 2024)

Agenda & Discussions

1. Review of previous meeting-The review of last meeting was taken concerning status of
2. NEP Structure: As per the guidelines given by UGC, Gov. of Maharashtra and our University we have to implement NEP structure to our course from the coming academic year. In accordance with this, to finalize this structure the NEP committee was formed, and this committee has given the presentation for the same. After discussion in the HoD's meeting one structure was decided in the previous meeting. Now, as per the decided structure we must work for the syllabus. And it should be approved in the BoS meeting.
3. Any other points: Discussion was held on, regarding smooth conduction of practical and oral examinations of end semester of all subjects. Essential instructions were given by the Principal Madam.
4. Examination Fees: At the time of filling of examination forms some of the students have not submitted examination fees. It was decided in a meeting to find those students to do the needful.
5. Office Muster and Department Muster: It is observed that, in case of causal leave taken by individual faculty members are not matching in department as well as office muster. Hence, it is advised that department muster should be maintained properly and confirmed continuously.
6. Academic Calender-Finalizing Correction:-

The academic calendar for the current semester has been drafted, but some corrections and modifications are necessary. After discussions with all heads, the final version of the academic calendar needs to be completed on priority. The calendar must be finalized and displayed before the commencement of the semester.

Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Teaching Plan Year 2021-2022

Mr. B.M. Shendge
Professor and Head
Dept. of Botany



Principal
Shivraj College, Partur
Tq. Partur Dist. Jalga



**Contents of teaching plan
B. Sc. I, II and III Year**

	Paper No	Title of Paper	Lectures	Marks
B. Sc. I	Semester- I			
	I	Diversity of cryptogams-I (Theory)	45	50
	III	Diversity of cryptogams-I (Practical's)	22	25
	Semester - II			
	IV	Diversity of cryptogams-II (Theory)	45	50
	III	Diversity of cryptogams-II (Practical's)	22	25
B. Sc. II	Semester- III			
	VII	Taxonomy of Angiosperms	45	50
	IX	Practical based on Paper - VII	45	50
	Semester - IV			
	XI	Gymnosperms and Utilization of plants	45	50
	XIII	Practical based on Paper - XI	45	50
B. Sc. III	Semester- V			
	XVII XVIII (C)	Cell Biology & Molecular Biology Plant Pathology	45	50
	XIX	Practical based on Paper - XVII	45	50
	Semester - VI			
	XX XXI	Genetics and Biotechnology Microbiology and Disease Management	45	50
	XXII	Practical based on Paper - XX	45	50


Principal
 Shivraj College, Partur
 Tq. Partur Dist. Jalna



Shivraj College Partur
Department of Botany

Teaching plan for the year 2021- 2022

Name of the Professor: *Mr. B.M. Shendge*

Title of the paper: *Diversity of cryptogams-I(Theory)*

Class : B. Sc. I year Semester: I

Subject: *Botany* Paper No.: I

Topic No.	Name of topic	No. of periods required	Duration		Remarks
			From	To	
Unit -3					
3.1	Fungi: General characters classification Systematic position of fungi	03	09Oct21	23Oct21	
3.2	1) <i>Cercospora</i>	03	30 Oct 21	13Nov21	
3.3	2) <i>Mucor</i>	02	20Nov21	27Nov21	
3.4	3) <i>Eurotium</i>	02	04Dec21	11Dec21	
3.5	4) <i>Agaricus</i>	03	18Dec21	08Jan22	
3.6	5) <i>Albugo</i>	02	15Jan22	22Jan22	
	6) <i>Mycoplasma</i>	01	29 Jan 22	29 Jan 22	
	7)				
	8)				
Extra	Remedial teaching / evaluation if any				


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Shivraj College Partur
Department of Botany

Teaching plan for the year 2021– 2022

Class : B. Sc. I year Semester: I

Name of the Associate Professor: *Mr. B.M. Shendge*

Subject: *Botany* Paper No.: III & IV

Title of the paper: *Diversity of cryptogams-I (Practical)*

Morphology of Angiosperms (45L)

Topic No.	Name of topic	No. of (Prac.) required	Duration	
			From	To
Paper - III				
1	Diversity of Cryptogams- I 1. Study of simple and compound microscope 2. Virus: Tobacco Mosaic Virus 3. Gram staining in bacteria, forms of Bacteria	02	03.10.2021 – 31.01.2022*	
2	4. Algae: a) Nostoc b) Chara c) Botrydium d) Sargassum e) Batrachospermum	02		
3	5. Fungi: a) Albigo b) Mucor c) Eurotium d) Agaricus e) Cercospora	02		
4	6. Lichens: Form - Crustose, Foliose, Fruticose; <i>Usnea</i> .	01		
Paper – IV				
6	Study of root and its modifications: a) Tap root b) Adventitious root c) Storage roots d) Stilt root e) Respiratory root.	1	03.03.2022 - 31.03.2022*	
7	Study of stem and its modifications: a) Underground stem b) Sub aerial stem c) Aerial stem	1		
8	Study of leaf and its diversity: a) Types of leaf (Simple, Compound) b) Shape and size c) Venation d) Phyllotaxy e) Modifications	1		
9	Study of inflorescence: a) Racemose b) Cymose c) Special	1	1/4/2022 – 28/4/2022	
10	Study of flowers: a) Typical flower (<i>Hibiscus / Datura</i>) b) Hypogynous, Perigynous and Epigynous c) Aestivation d) Forms of corolla – cruciform, papilionaceous, infundibuliform and bilabiate E) Parts of typical stamen, adhesion and cohesion. F) Parts of typical carpel and placentation	2		
11	Study of flowers with respect to pollination	1		


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



	mechanism: a) Calotropis B) Ocimum c) Salvia d) Helianthus e) Ficus f) Clitoria		2.5.2022 – 30.5.2022*
12	Study of fruits: a) Simple: legume, capsule, caryopsis, achene, drupe, berry. b) Aggregate: an etaerio of berries, an etaerio of follicles c) c) Composite fruit: sorosis, syconus	1	

Signature of the Prof.

Head of the Department

Principal
Shivraj College, Partur
Tq.Partur Dist.Jalna



Shivraj College Partur
Department of Botany

Teaching plan for the year 2021–2022

Class : B. Sc. II year Sem: III

Name of the Associate Professor : Mr. B.M. Shendge

Title of the paper: Taxonomy of Angiosperms (Theory)

Subject: Botany Paper No.: VII

Topic No.	Name of topic	No. of periods required	Duration		Remarks
			From	To	
Unit - I	Salient features, origin and evolution of Angiosperms	03	25.10.2021		
1.1			-		
1.2	Bentham and Hooker's system of classification	03	13.11.2021*		
1.3	Taxonomy in relation to disciplines	03	15.11.2021		
1.4	Concept of Binomial Nomenclature	02	-		
1.5	Concept of Genus and Species	02	30.11.2021		
1.6	Herbaria and Botanical gardens	02			
Unit - 2	Families				
2.1	1) Annonaceae	02	01.12.2021		
2.2	2) Malvaceae	02	-		
2.3	3) Leguminosae	03	27.12.2021*		
	a) Fabaceae (papilionaceous)				
2	b) Caesalpiniaceae	03	28.12.2021		
2.4	c) Miosaceae	03	-		
2.5	4) Apocynaceae	03	03.01.2022*		
2.6	5) Solanaceae	02	04.01.2022		
2.7	6) Acanthaceae	02	-		
2.8	7) Lamiaceae (labiate)	02	31.01.2022		
2.9	8) Nyctaginaceae	02	04.10.2022		
2.10	9) Liliaceae	03	-		
2.11	10) Poaceae	03	23.10.2021		
Extra	Remedial teaching / evaluation / if any				


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalga



Class : B. Sc. II year Semester: III
Title of the paper : Taxonomy of Angiosperms (Practical) Paper No.: IX

Topic No.	Name of topic	No. of Practicals required	Duration	
			From	To
2.1	1) Annonaceae	02	01.10.2021 - 30.01.2022*	
2.2	2) Malvaceae	01		
2.3	3) Leguminosae	03		
	a) Fabaceae (papilionaceae)			
	b) Cesalpiniaceae			
	c) Miosaceae			
2.4	4) Apocynaceae	01		
2.5	5) Solanaceae	01		
2.6	6) Acanthaceae	01		
2.7	7) Lamiaceae (labiatae)	01		
2.8	8) Nyctaginaceae	01		
2.9	9) Liliaceae	02		
2.10	10) Poaceae	02		

Signature of the Prof.

Head of the Department


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Shivraj College Partur
Department of Botany

Teaching plan for the year 2021– 2022

Subject: Botany Paper No.: XVII

Name: Mr. B.M. Shendge

Class : B. Sc. III year (Semester: V)

Cell biology, Genetics and Biotechnology: XVII (Theory): Plant Pathology Paper No. XVIII (C)

Topic No.	Name of topic	No. of periods required	Duration		Date of Evaluation
			From	To	
Cell Biology & Molecular Biology (Paper XVII)					
Unit –I (Cytology)					
1.1	Cell	02	23.6.2022-30.6.2022 4.7.2022-21.7.2022 26.7.2022-12.8.2022		
1.2	Cell wall and cell organelles	08			
1.3	Nucleus	05			
1.4	Cell Division	06			
Plant Pathology Paper No. XVIII (C)					
Unit - I					
2.1	Fundamentals of Plant Pathology History, scope, losses & Importance	02	16.8.2022-18.8.2022		
2.2	Classification (basis of symptoms & causal organisms)	03	24.8.2022-29.8.2022		
2.3	Plant pathological Institutes (IARI, ICRISAT)	02	1.9.2022-3.9.2022		
2.4	Seed pathology –concept, Importance seed borne pathogens	03	6.9.2022-8.9.2022		
2.5	Study of Air borne pathogens- methods & applications	03			
2.6	Koch postulates	02	12.9.2022-30.9.2022		
2.7	Unit –II Black stem rust of wheat	02			
	Grain smut of jowar	02	1.10.2022-4.10.2022		
	Ergot of Bajra	01			
2.10	Tikka Disease of Groundnut	02	6.10.2022-14.10.2022		
2.11	Yellow vein mosaic of Bean	02			


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Class : B. Sc. III year

Subject: Botany Paper No.: XIX

Title of the paper: Cell biology, Genetics and Biotechnology (Practical's)

Topic No.	Name of topic	No. of periods required	Duration	
			From	To
1	Study of the cell structure from onion leaf or Tradescantia leaf	01	30.6.2022 - 15.2.2022	
2	Preparation of cytological (AA, FAA etc.) fixatives and stains (acetocarmine, aceto-orcein).	01		
3	electron micrographs of viruses, bacteria and cyanobacteria	01		
4	electron micrographs of eukaryotic cell and cell organelles	01		
5	Preparation of slides for the study of mitosis	03		
6	Preparation of slides for the study of meiosis	03		
7	Preparation of idiogram from the given micrograph of karyotype	02		
8	Observation of giant chromosomes in Chironomous larvae	01		
9	Preparation of wool models of mitosis, meiosis, cell structure, Chromosome, DNA and RNA.	02		

Head of the Department


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Teaching Plan Year 2022-2023
Mr. B.M. Shendge
Associate Professor and Head
Dept. of Botany


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Contents of teaching plan B. Sc. I, II and III Year

	Paper No	Title of Paper	Lectures	Marks
B. Sc. I	Semester- I			
	I	Diversity of cryptogams-I (Theory)	45	50
	III	Diversity of cryptogams-I (Practical's)	22	25
	Semester - II			
	IV	Diversity of cryptogams-II (Theory)	45	50
	III	Diversity of cryptogams-II (Practical's)	22	25
B. Sc. II	Semester- III			
	VII	Taxonomy of Angiosperms	45	50
	IX	Practical based on Paper - VII	45	50
	Semester - IV			
	XI	Gymnosperms and Utilization of plants	45	50
	XIII	Practical based on Paper - XI	45	50
B. Sc. III	Semester- V			
	XVII XVIII (C)	Cell Biology & Molecular Biology Plant Pathology	45	50
	XIX	Practical based on Paper - XVII	45	50
	Semester - VI			
	XX XXI	Genetics and Biotechnology Microbiology and Disease Management	45	50
	XXII	Practical based on Paper - XX	45	50

Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna

**SHIVRAJ COLLEGE PARTUR**

Department of Botany

Teaching plan for the year 2022-2023

Name of the Associate Professor : **MR. B.M. SHENDGE**

Class : B. Sc. I year Semester: I

Title of the paper: **Diversity of cryptogams-I (Theory)**Subject: **Botany** Paper No.: I

Topic No.		Name of topic	No. of periods required	Duration		Remarks
				From	To	
Unit - I						
1.1	Viruses		03	10 Sept 18	17 Sept 18	
1.2	Mycoplasma		01	22 Sept 18	22 Sept 18	
1.3	Bacteria		05	24 Sept 18	04 Oct 18	
1.4	Cryptogams Lichens		05	06 - 15 Oct 18		
Unit -2						
2.1	Algae: General character classification Systematic position		02	06 Aug 18	09 Aug 18	
2.2	1) <i>Nostoc</i>		02	11 Aug 18	13 Aug 18	
2.3	2) <i>Chara</i>		03	16 Aug 18	20 Aug 18	
2.4	3) <i>Botrydium</i>		02	23 Aug 18	25 Aug 18	
2.5	4) <i>Sargassum</i>		03	27 Aug 18	01 Sept 18	
2.6	5) <i>Batrachospermum</i>		03	03 Sept 18	08 Sept 18	
Unit -3						
3.1	Fungi: General characters classification Systematic position of fungi		03	02 July 18	07 July 18	
3.2	1) <i>Cercospora</i>		03	09 July 18	14 July 18	
3.3	2) <i>Mucor</i>		02	16 July 18	19 July 18	
3.4	3) <i>Eurotium</i>		02	21 July 18	23 July 18	
3.5	4) <i>Agaricus</i>		03	26 July 18	30 July 18	
3.6	5) <i>Albugo</i>		02	02 Aug 18	04 Aug 18	
Extra	Remedial teaching / evaluation if any					

Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna

**SHIVRAJ COLLEGE PARTUR**

Department of Botany

Teaching plan for the year 2022-2023

Name of the Associate Professor : **MR. B.M. SHENDGE**Title of the paper: **Diversity of cryptogams-I (Practical)**

Class : B. Sc. I year Semester: I

Subject: **Botany** Paper No.: III & IV
Morphology of Angiosperms (45L)

Topic No.	Name of topic	No. of (Prac.) required	Duration	
			From	To
Paper - III				
1	Diversity of Cryptogams- I 1. Study of simple and compound microscope 2. Virus: Tobacco Mosaic Virus 3. Gram staining in bacteria, forms of Bacteria	02	02/07/2018	09/07/2018
2	4. Algae: a) Nostoc b) Chara c) Botrydium d) Sargassum e) Batrachospermum	02	16/07/2018	23/07/2018
3	5. Fungi: a) Albugo b) Mucor c) Eurotium d) Agaricus e) Cercospora	02	30/07/2018	06/08/2018
4	6. Lichens: Form - Crustose, Foliose, Fruticose; <i>Usnea</i> .	01	13/08/2018	13/08/2018
Paper - IV				
6	Study of root and its modifications: a) Tap root b) Adventitious root c) Storage roots d) Stilt root e) Respiratory root.	1	20/08/2018	20/08/2018
7	Study of stem and its modifications: a) Underground stem b) Sub aerial stem c) Aerial stem	1	27/08/2018	27/08/2018
8	Study of leaf and its diversity: a) Types of leaf (Simple, Compound) b) Shape and size c) Venation d) Phyllotaxy e) Modifications	1	03/09/2018	03/09/2018
9	Study of inflorescence: a) Racemose b) Cymose c) Special	1	10/09/2018	10/09/2018
10	Study of flowers: a) Typical flower (<i>Hibiscus</i> / <i>Datura</i>) b) Hypogynous, Perigynous and Epigynous c) Aestivation d) Forms of corolla - cruciform, papilionaceous, infundibuliform and bilabiate e) Parts of typical stamen. adhesion and cohesion. f) Parts of typical carpel and placentation	2	17/09/2018	24/09/2018
11	Study of flowers with respect to pollination mechanism: a) Calotropis b) Ocimum c) Salvia d) Helianthus e) Ficus f) Clitoria	1	01/10/2018	01/10/2018
12	Study of fruits: a) Simple: legume, capsule, caryopsis, achene, drupe, berry. b) Aggregate: an etaerio of berries, an etaerio of follicles c) Composite fruit: sorosis, syconus	1	08/10/2018	08/10/2018

Signature of the Associate Prof.

Head of the Department


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Department of Botany

Teaching plan for the year 2018- 2019

Name of the Associate Professor :

Title of the paper: *Taxonomy of Angiosperms (Theory)*

Class : B. Sc. II year Sem: III

Subject: Botany Paper No.: VII

Topic No.	Name of topic	No. of periods required	Duration		Remarks
			From	To	
Unit - I	Salient features, origin and evolution of Angiosperms	03	05 July 18	07 July 18	
1.1	Bentham and Hooker's system of classification	03	12 July 18	14 July 18	
1.2	Taxonomy in relation to disciplines	03	19 July 18	21 July 18	
1.3	Concept of Binomial Nomenclature	02	26 July 18	27 July 18	
1.4	Concept of Genus and Species	02	28 July 18	02 Aug 18	
1.5	Herbaria and Botanical gardens	02	03 Aug 18	04 Aug 18	
Unit - 2	Families				
2.1	1) Annonaceae	02	09 Aug 18	10 Aug 18	
2.2	2) Malvaceae	02	11 Aug 18	16 Aug 18	
2.3	3) Leguminosae	03	18 Aug 18	24 Aug 18	
	a) Fabaceae (papilionaceae)				
	b) Cesalpiniaceae	03	25 Aug 18	31 Aug 18	
2.4	c) Mimosaceae	03	01 Sept. 18	07 Sept. 18	
2.5	4) Apocynaceae	03	08 Sept. 18	15 Sept. 18	
2.6	5) Solanaceae	02	21 Sept. 18	22 Sept. 18	
2.7	6) Acanthaceae	02	27 Sept. 18	28 Sept. 18	
2.8	7) Lamiaceae (labiateae)	02	29 Sept. 18	04 Oct. 18	
2.9	8) Nyctaginaceae	02	05 Oct. 18	06 Oct. 18	
2.10	9) Liliaceae	03	11 Oct. 18	13 Oct. 18	16 Oct 18 2:45 - 3:30
2.11	10) Poaceae	03	11, 18, 25 Sept. 18		2:45 - 3:30
Extra	Remedial teaching / evaluation / if any				

Class

: B. Sc. II year Semester: III

Title of the paper

: *Taxonomy of Angiosperms (Practical)* Paper No.: IX

Topic No.	Name of topic	No. of Practicals required	Duration	
			From	To
2.1	1) Annonaceae	02	04 July 2018	11 July 2018
2.2	2) Malvaceae	01	18 July 2018	18 July 2018
2.3	3) Leguminosae	03	25 July 2018	8 Aug. 2018
	a) Fabaceae (papilionaceae)			
	b) Cesalpiniaceae			
	c) Mimosaceae			
2.4	4) Apocynaceae	01	29 Aug. 2018	29 Aug. 2018
2.5	5) Solanaceae	01	05 Sept. 2018	05 Sept. 2018
2.6	6) Acanthaceae	01	12 Sept. 2018	12 Sept. 2018
2.7	7) Lamiaceae (labiateae)	01		
2.8	8) Nyctaginaceae	01	19 Sept. 2018	10 Oct. 2018
2.9	9) Liliaceae	02		
2.10	10) Poaceae	02		

Signature of the Associate Prof.

Head of the Department

Principal
Shivraj College, Partur
Tq. Partur Dist. Jalga



Department of Botany

Teaching plan for the year 2018– 2019

Name of the Associate Professor :

Subject: Botany Paper No.: XVII

Class : B. Sc. III year (Semester: V)

Cell biology, Genetics and Biotechnology: XVII (Theory) : XVIII Plant pathology

Topic No.	Name of topic	No. of periods required	Duration		Date of Evaluation
			From	To	
Cell Biology & Molecular Biology (Paper XVII)					
	Unit –I (Cytology)				
1.1	Cell	02	04 Sept 18	05 Sept 18	
1.2	Cell wall and cell organelles	08	07 Sept 18	21 Sept 18	
1.3	Nucleus	05	25 Sept 18	05Oct18	
1.4	Cell Division	06	09Oct18	19Oct18	06, 13 Oct 18
Plant Pathology Paper No. XVIII (C)					
	Unit - I				
2.1	Fundamentals of Plant Pathology History, scope, losses & Importance	02	03 July 18	04 July 18	
2.2	Classification (basis of symptoms & causal organisms)	03	06 July 18	11 July 18	
2.3	Plant pathological Institutes (IARI, ICRI SAT)	02	13 July 18	17 July 18	
2.4	Seed pathology –concept, Importance seed borne pathogens	03	18 July 18	24 July 18	
2.5	Study of Air borne pathogens-methods & applications	03	25 July 18	31July18	
2.6	Koch postulates	02	01 Aug 18	03 Aug 18	
2.7	Unit –II				
	Black stem rust of wheat	02	07 Aug 18	08 Aug 18	
	Grain smut of jowar	02	10 Aug 18	14 Aug 18	
	Ergot of Bajra	01	21 Aug 18	21 Aug 18	
2.10	Tikka Disease of Groundnut	02	24 Aug 18	28 Aug 18	
2.11	Yellow vein mosaic of Bean	02	29 Aug 18	31 Aug 18	

Class : B. Sc. III year

Subject : Botany Paper No.: XIX

Title of the paper : Cell biology, Genetics and Biotechnology (Practical's)

Topic No.	Name of topic	No. of periods required	Duration	
			From	To
1	Study of the cell structure from onion leaf or Tradescantia leaf	01	06 July 2018	27 July 2018
2	Preparation of cytological (AA, FAA etc.) fixatives and stains (acetocarmine, aceto-orcein).	01		
3	electron micrographs of viruses, bacteria and cyanobacteria	01		
4	electron micrographs of eukaryotic cell and cell organelles	01		
5	Preparation of slides for the study of mitosis	03	03 Aug. 18	24 Aug. 18
6	Preparation of slides for the study of meiosis	03	31 Aug. 18	14 Sept. 18
7	Preparation of idiogram from the given micrograph of karyotype	02	21 Sept. 18	28 Sept. 18
8	Observation of giant chromosomes in Chironomus larvae	01	05 Oct. 18	12 Oct. 18
9	Preparation of wool models of mitosis, meiosis, cell structure. Chromosome, DNA and RNA.	02		

Head of the Department

Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Teaching Plan Year 2022-2023
MR. B.M. SHENDGE
Associate Professor and Head
Dept. of Botany
Second Term


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Department of Botany

Teaching plan for the year 2022-23

Name of the Associate Professor :

Diversity of cryptogams-II (Theory) :

Subject: Botany Paper No.: IV

Class : B. Sc. I year (Semester: II)

Topic No.	Name of topic	No. of periods required	Duration		Date of Evaluation
			From	To	
Unit - I					
1.1	Bryophytes General characters and classification	02	26/11/18	29/11/18	
1.2	Systematic position, occurrence, thallus structure, reproduction of <i>Marchantia</i>	07	01/12/18	15/12/18	
	<i>Funaria</i>	06	17/12/18	29/12/18	
Unit -2					
2.1	Pteridophytes: General character classification	02	31/12/19	03/01/19	
2.2	Systematic position, occurrence, structure, reproduction and graphic life cycle of the following types <i>Psilotum</i>	03	05/01/19	10/01/19	
2.3	<i>Lycopodium</i>	06	12/01/19	24/01/19	
2.4	<i>Selaginella</i>	06	28/01/19	09/02/19	
2.5	<i>Equisetum</i>	06	11/02/19	23/02/19	
2.6	<i>Marsilea</i>	07	25/02/19	14/03/19	

Teaching plan for the year 2018 – 2019

Diversity of Cryptogams –II45L Paper – VI

Name of the Associate Professor: Dr. Umesh Pandurang Mogle

Class: B. Sc. I year (Semester: II)

Topic No.	Name of topic	No. of periods required	Duration		
			From	To	
Note: Study of specimen of Bryophytes, and Pteridophytes through temporary mounting, permanent slides, field work and bio visual aids.					
a)	Bryophytes:				
	i. <i>Marchantia</i>	3	26/11/18	26/11/18	
	ii. <i>Funaria</i>	3	03/12/18	03/12/18	
b)	Pteridophytes				
	i. <i>Psilotum</i>	3	10/12/18	10/12/18	
	ii. <i>Lycopodium</i>	3	17/12/18	17/12/18	
	iii. <i>Selaginella</i>	3	24/12/18	24/12/18	
	iv. <i>Equisetum</i>	3	07/01/19	07/01/19	
	v. <i>Marsilea</i>	3	14/01/19	14/01/19	
	vi. <i>Histology, Anatomy, Embryology</i>	3	21/01/19	21/01/19	
	vii. <i>Histology, Anatomy, Embryology</i>	3	28/01/19	28/01/19	
	viii. <i>Histology, Anatomy, Embryology</i>	3	04/02/19	04/02/19	
	ix. <i>Hittology, Anatomy, Embryology</i>	15	11, 18, 25, Feb11, 18	18/03/2019	


Principal

Shivraj College, Partur
Tq. Partur Dist. Jalna



Topic No.	Name of topic	No. of periods required	Duration		Date of Evaluation
			From	To	
Unit - I (Gymnosperms)					
	Salient features, classification economic importance	02	29/11/18	30/11/18	
	Geological time scale and fossil	03	01/12/18	07/12/18	
	Study of Morphology, anatomy, reproduction and life cycle of-		08/12/18	20/12/18	
	a) Cycas	05			
	b) Pinus	05	21/12/18	29/12/18	
	c) Gnetum	05	03/01/19	11/01/19	
	Contribution of Prof. Birbal Sahani	01	12/01/19	12/01/19	
Unit -2 (Utilization of Plants)					
	Domestication of Plants and origin History, origin, cultivation, harvesting, varieties and IMP of -				
	I. Food plants - Wheat, Jowar	02	17/01/19	18/01/19	
	II. Sugar- Sugarcane	03	19/01/19	25/01/19	
	III. Fibres- Cotton, Jute	02	31/01/19	01/02/19	
	IV. Vegetables oil, Groundnut, Sunflower	03	02/02/19	08/02/19	
	V. Beverages - Tea, Coffee	03	09/02/19	15/02/19	
	VI. Mushroom e. g. (Oyster) <i>Pleurotus</i>	03	16/02/19	22/02/19	
	I. Botanical name, family, Name & economic Importance of Medicinal Plants- <i>Aloe vera, Withania, Cucuma, Vitis</i>	03	23/02/19	01/03/19	
	II. Timber and Gum-Teak, Neem, Babul, Sisham	02	02/03/19	07/03/19	
	III. Cosmetics and Perfumes- Rose mogra	01	08/03/19	08/03/19	
	IV. Spices- Clove, pepper, Cumin, coriander, Cinnamon	02	09/03/19	14/03/19	

Signature of the Associate Prof.

Head of the Department


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Topic No.	Name of topic	No. of periods required	Duration		Date of Evaluation
			From	To	
Gymnosperms					
A	Cycas				
1	i. Habit, young leaf, bulbils, male cone, microsporophyll, megasporophyll, pollen grains, mature seed.	03	28/11/2018	28/11/2018	
2	ii. Study through permanent slides-Normal root (T.S.), Stem (T.S.), Ovule (L.S.)	03	05/12/2018	05/12/2018	
3	iii. Study through hand section-Coralloid root (T.S.), Rachis (T.S.), Leaflet (T.S.), female cone, pollen grains (W.M.), winged seed.	03	12/12/2018	12/12/2018	
B	Pinus				
4	i. Habit, long and dwarf shoot, scale leaves, foliage leaves, male cone, female cone, pollengrains (W.M.), winged seed.	03	19/12/2018	19/12/2018	
5	ii. Study through hand sections and permanent slides Root (T.S.), Stem (T.S.), Needle (T.S.)	03	26/12/2018	26/12/2018	
6	iii. Study through permanent slide - T.L.S. & R.L.S. of stem, L.S. of male cone, L.S. of female cone.	03	02/01/2019	02/01/2019	
C	Gnetum				
7	i) Habit, T. S. of Stem, Male cone and female cone.	03	09/01/2019	09/01/2019	
Paleobotany:					
8	a) Types of fossils (Specimens). b) Lygnopteris (Specimen / Permanent slide).	03	16/01/2019	16/01/2019	
Utilization of plants					
9	a) Food plants – Study of the morphology, structure, and histochemical tests of food storing tissue in Jowar & Wheat.	03	23/01/2019	23/01/2019	
10	b) Histochemical test of lignin and cellulose.	03	30/01/2019	30/01/2019	
11	c) Cultivation of Oyster (Pleurotus) mushroom on agricultural waste.	03	06/02/2019	13/02/2019	
12	d) Vegetable oils – hand section of Groundnut & Sunflower Seed and staining of oil droplets by Sudan III.	03	20/02/2019	20/02/2019	
13	e) Study of the sources of Timber, Gum, Medicinal plants, Cosmetics and Perfumes.	03	27/02/2019	27/02/2019	
14	f) Study of Black pepper, Clove, Cinnamon, Cumin, Coriander.	03	06/03/2019	06/03/2019	
15	g) Field notebook, specimen collection, and tour report.	03	13/03/2019	13/03/2019	

Signature of the Associate Prof.

Head of the Department


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Teaching plan for the year 2022-2023
Name Associate Professor:

Department of Botany

Subject: Botany Paper No.: XX and XXI(C)

Class: B. Sc. III year (Semester: VI)

Genetics and Biotechnology XX

Microbiology and Disease Management XXI (C) (Theory):

Microbiology and Disease Management XXX (C)(Theory):					
Topic No.	Name of topic	No. of periods required	Duration		Date of Evaluation
			From	To	
Paper No. XX (Genetics and Biotechnology)					
1	Mendelism: Introduction to G. J. Mendel 1) Law of Dominance, 2) law of segregation, 3) law of independent assortment, 4) back cross and test cross	04	27/11/18	04/12/18	
2	Interaction of Genes i) Allelic interaction: incomplete dominance, co dominance, lethal genes and blood group inheritance	07	05/12/18	19/12/18	
3	ii.) Non-allelic and non-epistatic -comb shapes in fowls				
4	iii. Non-allelic and epistatic: a) Complementary genes (9:7) b) Supplementary genes or recessive epistasis (9:3:4) c) Dominant epistatic genes or (12:3:1) d) Duplicate dominant epistasis (15:1)				
5	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 – Melandrium	04	21/12/18	02/01/19	
6	Sex linked inheritance: X, XY and Y linked inheritance: i) Colour blindness and hemophilia in man ii) Holandric genes iii) White eye colour in Drosophila, iv) Gynandromorphs	07	04/01/19	18/01/19	
Paper No. XXII (C) (Microbiology and Disease management)					
4.1	Microbiology: Microorganisms in biological world, their classification and features of different groups	03	22/01/19	25/01/19	
4.2	Microbial techniques 1) Microscopy 2) Micrometry 3) Staining 4) Sterilization of glassware's	06	29/01/19	08/02/19	
4.3	Culture media for isolating plant pathogen Industrial application of microorganisms - organic acids, alcohol, milk products, antibiotics and biopesticides	06	12/02/19	26/02/19	
4.4	Disease Management a) Preventive methods Field sanitation, use of clean planting material, crop rotation, trap crops, time of sowing, planting distance and tillage	02	27/02/19	01/03/19	
4.5	Control methods: Seed treatment: concept, objective, traditional and modern methods of seed treatment	02	05/03/19	06/03/19	
4.6	Soil sterilization: concept, objectives and methods	02	08/03/19	12/03/19	

Signature of the Associate Prof.

Head of the Department


Principal
Shivraj College, Partur
Tq. Partur Dist. Jaina

**Semester -VI****Paper XXII****Genetics and Biotechnology (45 L)**

Topic No.	Name of topic	No. of periods required	Duration		Date of Evaluation
			From	To	
1.	Quiz	06	30/11/18	07/12/18	
2.	Working out laws of inheritance by using seed mixtures	15	14/12/18	11/01/19	
3.	Problems based on gene interaction	15	18/01/19	15/02/19	
4	Problems based on sex linked inheritance	09	22/02/19	08/03/19	

Signature of the Associate Prof.

Head of the Department

Principal
Shivraj College, Partur
Tq.Partur Dist.Jalna



Shivraj College, Partur

Teaching Partur for Year 2023-24 (III & IV Semester)
 Subject: Political Science Faculty: Social Science Class: A (H.M.) Year

Class	Page Code	September	Periods Required	October	Periods Required	November	Periods Required	December	Periods Required	January	Periods Required
B.A.Y Government & Politics of Maharashtra POL-102				1) Historical Political Development of Maharashtra State A) Marathas B) Social Organization Commission	15	2) Organizational Government A) Executive Government & Chief Minister B) Legislature C) Judiciary D) Federalism	15	C) Judiciary D) Social Organization A) Corporate B) Movement C) Public Administration	20	C) Judiciary D) Social Organization A) Corporate B) Movement C) Public Administration	10
B.A.Y Indian Government & Politics POL-105		1) Indian Constitution A) Sources B) Preamble C) Features	15	2) Constitutional Provision A) Fundamental Rights B) Directive Principles of State Policy C) President D) Parliament	18	C) Fundamental Rights D) Directive Principles of State Policy A) Budgetary Process B) Parliamentary System	12	B) Public Administration C) Judiciary D) Social Organization A) Corporate B) Movement C) Public Administration	11	B) Social Contract Theory C) Ideology D) Social Organization A) Corporate B) Movement C) Public Administration	04
B.A.Y WESTERN POLITICAL THINKERS POL-110		1) Plato A) Virtues Justice	06	B) Communism C) Education D) Ideology A) Virtues B) Citizenship	16	C) Revolution D) Social Organization A) Human Nature B) Advantages C) Viewpoints D) Morality	16	D) Human Nature A) Human Nature B) Social Contract Theory C) Concept of Sovereignty D) Advantages A) Human Nature	16	B) Social Contract Theory C) Ideology D) Social Organization A) Corporate B) Movement C) Public Administration	07
B.A.Y Political Ideology POL-111		2) Liberalism	05	3) Democracy	12	Democracy D) Social Organization A) Corporate B) Movement C) Public Administration	12	Project Work		Project Work	

Teacher

Head of Department

Principal
 Shivraj College, Partur
 Tq. Partur Dist. Jalna



Shivraj College, Partur

Teaching Plan for the Year 2021-2022 (I, II, III, IV, V, VI Semesters)
Subject: Political Science Faculty: Social Science

Name of the Teacher: Mr.

Class: B.A. (I, II, III) Year

Class	Name of the Book / Paper No.	February	March	April	May	June	Periods Required
B.A. FIRST YEAR	Government & Politics of Maharashtra POL-104	UNIT I Franchising Rights 1) History and Development of Franchising 2) Franchising system with reference to Maharashtra State	UNIT II Composition & Functions of Union Executive and Legislature 2) Role of President and Vice President	UNIT III Political Parties 1) Indian National Congress 2) Nationalist Congress Party	3) Shivraj Chaudhary's Party 3) Republican Party of India 3) Shivraj Chaudhary's Party	4) Communist Parties (CPM, CPI)	06
B.A. SECOND YEAR	Indian Government & Politics POL-107	UNIT I Supreme Court 1) Structure, Power & Functions 2) Power of Judicial Review	UNIT II Centre-State Relations 1) Legislative 2) Administrative 3) Financial UNIT III Ideology & Program of Political Parties in India	3) Bharatiya Janata Party 3) Communist Party 4) Nationalist Congress Party UNIT : IV Electoral Commission & electoral reforms 3) Competition, power Functions, role and Importance	2) Electoral reform in India UNIT V Challenges faced in Democracy 1) Corruption 2) Casteism 3) Communalism	4) Regionalism	08
B.A. THIRD YEAR	WESTERN POLITICAL THINKERS POL-113	UNIT I JEAN JACQUES ROUSSEAU 1) Human Nature 2) Social Contract Theory 3) Idea of General Will	UNIT II JOHN STUART MILL 1) Utilitarianism 2) Idea of Liberty 3) Representative Government	UNIT III JEREMY BENTHAM 1) Views on State, Government & Rights 2) Ideas on Law and Reform 3) Theory of Utilitarianism	UNIT : IV KARL MARX 1) Dialectical Materialism & Materialistic Interpretation of History 2) Theory of Class Struggle & Surplus Value	UNIT V Theory of Sovereignty 2) Views on Liberty	08
B.A. THIRD YEAR	Political Ideology POL-114 & Project Work	UNIT III FASCISM	UNIT IV ANARCHISM	UNIT V ENVIRONMENTALISM	Project Work	Report Writing	

(Signature)

Teacher

Head of Department

Principal
Shivraj College, Partur
Tq. Partur Dist. Jalgaon



Shivraj College Partur Time Table B.C.A First Year

Day.	06:00 To 08:40	08:40 To 09:20	09:20 To 10:00	10:00 To 10:40	10:40 To 11:20	11:20 To 12:00	01:20 To 04:00
Mon.	Financial Ad 112	Ind. Economioscs 112	Buss Stat 113	Operating system 114	Buss. Comm. 113	Office Automation Tools 114	Practical Lab
Tue.	Financial Ad	Ind. Economioscs 112	Buss Stat	Operating system	Buss. Comm.	Office Automation Tools	Practical
Wed.	112	Ind. Economioscs 112	113	114	113	114	Lab
Thu.	Financial Ad	Ind. Economioscs 112	Buss Stat	Operating system	Buss. Comm.	Office Automation Tools	Practical
Fri.	112	Ind. Economioscs 112	113	114	113	114	Lab
Sat.	Financial Ad	Ind. Economioscs 112	Buss Stat	Operating system	Buss. Comm.	Office Automation Tools	Practical

(Signature)

Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Shivraj College Partur Time Table B.C.A Second Year

Day.	08:00 To 08:40	08:40 To 09:20	09:20 To 10:00	10:00 To 10:40	10:40 To 11:20	11:20 To 12:00	01:00 To 04:00
Mon.	Principal of Management	Opps using Ctt	Business law- I	DBM.S	E.Bussinel Essential	Data Structural Algrathem	Practical Comp. room
Tue.	Principal of Management	Opps using Ctt	Business law- I	DBM.S	E.Bussinel Essential	Data Structural Algrathem	Practical Comp. room
Wed.	Principal of Management	Opps using Ctt	Business law- I	DBM.S	E.Bussinel Essential	Data Structural Algrathem	Practical Comp. room
Thu.	Principal of Management	Opps using Ctt	Business law- I	DBM.S	E.Bussinel Essential	Data Structural Algrathem	Practical Comp. room
Fri.	Principal of Management	Opps using Ctt	Business law- I	DBM.S	E.Bussinel Essential	Data Structural Algrathem	Practical Comp. room
Sat.	Principal of Management	Opps using Ctt	Business law- I	DBM.S	E.Bussinel Essential	Data Structural Algrathem	Practical Comp. room

Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Shivraj College Partur Time Table B.C.A Third Year

Day.	06:00 To 08:40	08:40 To 09:20	09:20 To 10:00	10:00 To 10:40	10:40 To 11:20	11:20 To 12:00	01:00 To 03:00
Mon.	Elements of Comu. Portals	Android.	Buss law -III	Project	Softulere Testing	Service Marking Eyports mans	Practical
Tue.	Elements of Comu. Portals	Android.	Buss law -III	Project	Softulere Testing	Service Marking Eyports mans	Practical
Wed.	Elements of Comu. Portals	Android.	Buss law -III	Project	Softulere Testing	Service Marking Eyports mans	Practical
Thu.	Elements of Comu. Portals	Android.	Buss law -III	Project	Softulere Testing	Service Marking Eyports mans	Practical
Fri.	Elements of Comu. Portals	Android.	Buss law -III	Project	Softulere Testing	Service Marking Eyports mans	Practical
Sat.	Elements of Comu. Portals	Android.	Buss law -III	Project	Softulere Testing	Service Marking Eyports mans	Practical

Principal

Shivraj College, Partur
Tq. Partur Dist. Jalna



SHIVRAJ COLLEGE PARTUR Time Table B.sc Computers Science First Year

Day.	08:00 To 08:40	08:40 To 09:20	09:20 To 10:00	10:00 To 10:40	10:40 To 11:20	11:20 To 12:00	01:00 To 01:40	01:00 To 02:20
Mon.	English	Computer Fundamental	Digital Electronics	Operating System	Programmin - C	Marathi	Method methodology	Programm Methodology
Tue.	English	Computer Fundamental	Digital Electronics	Operating System	Programmin - C	Marathi	Method methodology	Programm Methodology
Wed.	English	Computer Fundamental	Digital Electronics	Operating System	Programmin - C	Marathi	Method methodology	Programm Methodology
Thu.	English	Computer Fundamental	Digital Electronics	Operating System	Programmin - C	Marathi	Method methodology	Programm Methodology
Fri.	English	Computer Fundamental	Digital Electronics	Operating System	Programmin - C	Marathi	Method methodology	Programm Methodology
Sat.	English	Computer Fundamental	Digital Electronics	Operating System	Programmin - C	Marathi	Method methodology	Programm Methodology

[Signature]

Principal

Shivraj College, Partur
Tq. Partur Dist. Jalna



SHIVRAJ COLLEGE PARTUR Time Table B.sc Computers Science Second Year

Day.	08:00 To 08:40	08:40 To 09:20	09:20 To 10:00	10:00 To 10:40	10:40 To 11:20	11:20 To 12:00
Mon.	Adv. Data structure	Unit Operating system	P.C Maintenance	Programin CPP	Data base management system	Statistic method
Tue.	Adv. Data structure	Unit Operating system	P.C Maintenance	Programin CPP	Data base management system	Statistic method
Wed.	Adv. Data structure	Unit Operating system	P.C Maintenance	Programin CPP	Data base management system	Statistic method
Thu.	Adv. Data structure	Unit Operating system	P.C Maintenance	Programin CPP	Data base management system	Statistic method
Fri.	Adv. Data structure	Unit Operating system	P.C Maintenance	Programin CPP	Data base management system	Statistic method
Sat	Adv. Data structure	Unit Operating system	P.C Maintenance	Programin CPP	Data base management system	Statistic method


Principal
Shivraj College, Partur
Tq.Partur Dist.Jalna



SHIVRAJ COLLEGE PARTUR Time Table B.sc Computers Science Third Year

Day.	08:00 To 08:40	08:40 To 09:20	09:20 To 10:00	10:00 To 10:40	10:40 To 11:20	11:20 To 12:20
Mon.	Software cost Estimation	Basic PF Android O.S	Core Java -II	Basic of Computer graphic	Beginners prog. With drp	Data mining
Tue.	Software cost Estimation	Basic PF Android O.S	Core Java -II	Basic of Computer graphic	Beginners prog. With drp	Data mining
Wed.	Software cost Estimation	Basic PF Android O.S	Core Java -II	Basic of Computer graphic	Beginners prog. With drp	Data mining
Thu.	Software cost Estimation	Basic PF Android O.S	Core Java -II	Basic of Computer graphic	Beginners prog. With drp	Data mining
Fri.	Software cost Estimation	Basic PF Android O.S	Core Java -II	Basic of Computer graphic	Beginners prog. With drp	Data mining
Sat.	Software cost Estimation	Basic PF Android O.S	Core Java -II	Basic of Computer graphic	Beginners prog. With drp	Data mining

Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



TIME TABLE
B.A.I YEAR

Time/Day	8.00	8.50	9.40	10.30	11.20	11.50	12.40	1.30	2.20	3.10
MON	History	Mar/Hin/Eng	Economics/ Public Administration	Mar/Hin/Eng	Recess	Hin/Mar	Geography /Psychology / Physical Education	Political Science/ Sociology		
TUE	"	"	Eng	"		"	"	"		
WED	"	"	"	Economics/ Public Administration		"	"	"		
THU	"	"	"	"		"	"	"		
FRI	"	"	"	"		Economics/ Public	"	"		
SAT	"	"	"	"		"	"	"		

B.A.II YEAR

Time/Day	8.00	9.40	10.30	10.30	11.20	11.50	12.40	1.30	2.20	3.10
MON	Political Science/ Sociology	Economics/ Public Administration	Geography /Psychology / Physical Education	History	Recess	Eng 202	Mar/Hin (SL)	Mar/Hin/Eng	Political Science/ Sociology	
TUE	"	"	"	"		"	"	"	"	
WED	"	"	"	"		"	"	"	Economics/ Public Administration	
THU	"	"	"	"		"	"	"	"	
FRI	"	"	"	"		Mar/Hin/Eng	English	"	Geography /Psychology / Physical	History
SAT	"	"	"	"		Mar/Hin/Eng	"	"	"	"

B.A.III YEAR

Time/Day	8.00	9.40	10.30	10.30	11.20	11.50	12.40	1.30	2.20	3.10
MON	History	Political Science/ Sociology	Mar/Hin/Eng	Economics/ Public Administration	Recess	History	Political Science/ Sociology	Mar/Hin/Eng	Economics/ Public Administration	All Major
TUE	"	"	"	"		"	"	"	"	
WED	"	"	"	"		"	"	"	"	
THU	"	"	"	"		"	"	"	"	
FRI	"	"	"	"		"	"	"	"	
SAT	"	"	"	"		"	"	"	"	

Principal
Shivraj College, Partur
Tn District N.S. 1.



TIME TABLE

B.Sc.I YEAR

Time/Day	8.00	8.50	9.40	10.30	11.20	11.50	12.40	1.30	2.20	3.10	4.00
MON	Electronics	Math/Zoology	Comp/Micro	Maths	Recess	Hin/Mar	Chem	Phy/Bot		Practical	
TUE	"	"	"	Erg		"	"	"	"		
WED	"	"	"	"		"	"	"	"		
THU	"	"	"	"		"	"	"	"		
FRI	"	"	"	"		Maths	"	"	"		
SAT	"	"	"	"							

B.Sc.II YEAR

Time/Day	8.00	8.50	9.40	10.30	11.20	11.50	12.40	1.30	2.20	3.10	4.00
MON	Comp	Math/Zoology	Math	Maths/Zoo	Recess	Phy/Bot	Hin/Mar	Maths/Micro	Eng	Chem	Electronics
TUE	"	"	"	"		"	"	"	"	"	"
WED	"		Practical			"	"	"	"	"	"
THU	"		Practical			"	"	"	"	"	"
FRI	"		Practical			"	Maths/Zoo	"	"	"	"
SAT	"		Practical			"	"	"	Maths	"	"

B.Sc.III YEAR

Time/Day	8.00	8.50	9.40	10.30	11.20	11.50	12.40	1.30	2.20	3.10	4.00
MON	Maths/Zoo	Comp	Chem	Phy/Bot	Recess	Maths/Micro	Practical	Electronics	Maths		
TUE	"	"	"	"		"	"	"	"	"	
WED	"	"	"	"		"	"	"	"	"	
THU	"	"	"	"		"	"	"	"	"	
FRI	"	"	"	"		"	"	"	"	"	
SAT	"	"	"	"		"	"	"	"		

(Signature)
Principal

Shivraj College, Partur
Tq. Partur Dist. Jalna



Shivraj College Partur **PRACTICAL TIME TABLE**

B Sc I YEAR Timing 2.20 to 4.50 pm

Sr. No.	Batch No	Roll No	Group	Stength	
1	F1	1 to 20	Bot-Micro-Chem	20	
2	F2	20 to 40	Bot-Micro-Chem	20	
3	F3	41 to 60	Bot-Micro-Chem	20	
4	F4	70 to 87	Math-Comp Sci-Chem	18	
5	F5A	101 to 120	Phy-Chem-Comp	20	
6	F5B	121 to 131	Phy-Chem-Comp	11	
7	F6	140 to 142	Phy-Maths-Chem	3	
8	F7	151 to 152	Phy-Maths-Comp Sci	2	

Day/Sub	Micro	Botany	Chemistry	Physics	Comp Science	Zoology	Electronics
Mon		F1+F3		F5A	F4+F5B+F7		
Tues		F2		F5B+F6+F7	F5A		
Wed	F1+F3						
Thu	F2		F3+F5B+F6				
Fri			F1+F2				
Sat			F4+F5A				

B Sc II YEAR Timing 8.50 to 11.20 am

Sr. No.	Batch No	Roll No	Group	Stength	
1	S1	1 to 20	Bot-Micro-Chem	19	
2	S2	20 to 40	Bot-Micro-Chem	19	
3	S3	50 to 60	Math-Comp Sci-Chem	9	
4	S4	61 to 80	Phy-Chem-Comp Sci	17	
5	S5	81 to 90	Phy-Maths-Chem	5	
6	S6	91 to 100	Phy-Maths-Comp Sci	4	

Day/Sub	Micro	Botany	Chemistry	Physics	Comp Science
Mon	S1+S2				S4
Tues	S1+S2				S4
Wed		S1+S2	S3+S4+S5		
Thu		S1+S2	S3+S4+S5		
Fri			S1+S2	S4+S5+S6	S3+S6
Sat			S1+S2	S4+S5+S6	S3+S6

B Sc III YEAR Timing 12.40 to 3.10 pm

Sr. No.	Batch No	Roll No	Group	Stength	
1	T1	1 to 16	Bot-Micro-Chem	16	
2	T2	17 to 32	Bot-Micro-Chem	16	
4	T3	41 to 49	Phy-Maths-Chem	9	
5	T4	55 to 57	Phy-Maths-Comp Sci	3	
6	T5	61 to 62	Phy-Chem-Comp Sci	2	
Day/Sub	Micro	Botany	Chemistry	Physics	Comp Science
Mon	T1+T2		T3+T5		T4+T5
Tues	T1+T2		T3+T5		T4+T5
Wed		T1+T2			
Thu		T1+T2			
Fri			T1+T2	T3+T4+T5	
Sat			T1+T2	T3+T4+T5	

Principal

Shivraj College, Partur
Tq. Partur Dist. Jalna



**SHIVRAJ COLLEGE PARTUR.
BCOMTIME TABLE**

Dept.: Commerce

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08.50 to 09.40	BRFW (B.Com T. Y.)	BRFW (B.Com T. Y.)	BRFW (B.Com T. Y.)	BRFW (B.Com T. Y.)	IT Appl.-I (B.Com S. Y.)	IT Appl.-I (B.Com S. Y.)
09.40 to 10.30	Comp. Appl.-I (B.Com F. Y.)	Comp. Appl.-I (B.Com F. Y.)			Computerized A/C (B.Com T.Y.)	Computerized A/C (B.Com T.Y.)
10.30 to 10.50	Break					
10.50 to 11.40						
11.40 to 12.30	Business Eco. (B.Com F. Y.)	Business Eco. (B.Com F. Y.)	Business Eco. (B.Com F. Y.)	Business Eco. (B.Com F. Y.)	Comp. Appl.-I (B.Com F. Y.)	Comp. Appl.-I (B.Com F. Y.)
12.30 to 01.20	IT Appl.-I (B.Com S. Y.)	IT Appl.-I (B.Com S. Y.)	Computerized A/C (B.Com T.Y.)	Computerized A/C (B.Com T.Y.)		
01.20 to 02.00						


Principal
 Shivraj College, Partur
 Tq. Partur Dist. Jalna



SHIVRAJ COLLEGE PARTUR. BCOM TIME TABLE

Dept.: Commerce

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08.50 to 09.40	Banking (B.Com S. Y.)	Banking (B.Com S. Y.)	Banking (B.Com S. Y.)	Banking (B.Com S. Y.)	Management A/C (B.Com T.Y.) Financial A/C (B.Com F.Y.)	Management A/C (B.Com T.Y.) Financial A/C (B.Com F.Y.)
09.40 to 10.30			Financial A/C (B.Com F.Y.)	Financial A/C (B.Com F.Y.)		
10.30 to 10.50	Break					
10.50 to 11.40	Management A/C (B.Com T.Y.) Cost Account (B.Com S. Y.)	Management A/C (B.Com T.Y.) Cost Account (B.Com S. Y.)	Advanced Accounts (B.Com T.Y.)	Advanced Accounts (B.Com T.Y.)	Advanced Accounts (B.Com T.Y.) Cost Account (B.Com S. Y.)	Advanced Accounts (B.Com T.Y.) Cost Account (B.Com S. Y.)
11.40 to 12.30						
12.30 to 01.20						
01.20 to 02.00						

Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



**SHIVRAJ COLLEGE PARTUR.
BCOM TIME TABLE**

Dept.: Commerce

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08.50 to 09.40			Entrep. Devp. (B.Com F.Y.)	Entrep. Devp. (B.Com F.Y.)		
09.40 to 10.30						
10.30 to 10.50						
10.50 to 11.40					GST Account (B.Com S. Y.)	GST Account (B.Com S. Y.)
11.40 to 12.30	Auditing (B.Com T.Y.)	Auditing (B.Com T.Y.)	GST Account (B.Com S. Y.)	GST Account (B.Com S. Y.)	Auditing (B.Com T.Y.)	Auditing (B.Com T.Y.)
12.30 to 01.20	Entrep. Devp. (B.Com F.Y.)	Entrep. Devp. (B.Com F.Y.)				
01.20 to 02.00						

Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



SHIVRAJ COLLEGE PARTUR. BCOM TIME TABLE

Dept.: Commerce

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08.50 to 09.40	Maths& Stats (B.Com F.Y.)	Maths& Stats (B.Com F.Y.)	.		Maths& Stats (B.Com F.Y.)	Maths& Stats (B.Com F.Y.)
09.40 to 10.30	Travel and Tourism (B.Com T.Y.)	Travel and Tourism (B.Com T.Y.)	Travel and Tourism (B.Com T.Y.)	Travel and Tourism (B.Com T.Y.)		
10.30 to 10.50	Break					
10.50 to 11.40	Corp. A/C. (B.Com S. Y.)	Corp. A/C. (B.Com S. Y.)	Corp. A/C. (B.Com S. Y.)	Corp. A/C. (B.Com S. Y.)		
11.40 to 12.30						
12.30 to 01.20						
01.20 to 02.00						


Principal
Shivraj College, Partur
Tq. Partur, Dist. Jalgaon



SHIVRAJ COLLEGE PARTUR. BCOM TIME TABLE

NAME OF DEPARTMENT: - Department of Commerce

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08.50 to 09.40	F.Y. Maths & Stats S.Y. Banking T.Y. BRPW	F.Y. Maths & Stats S.Y. Banking T.Y. BRPW	F.Y. Enip. Devis. S.Y. Banking T.Y. BRPW	F.Y. Enip. Devis. S.Y. Banking T.Y. BRPW	F.Y. Maths & Stats S.Y. IT-I T.Y. Management A/C	F.Y. Maths & Stats S.Y. IT-I T.Y. Management A/C
09.40 to 10.30	F.Y. - Copm. Appli.-I S.Y. English T.Y. Travel & Tour.	F.Y. - Copm. Appli.-I S.Y. English T.Y. Travel & Tour.	F.Y. Financial A/C S.Y. English T.Y. Travel & Tour.	F.Y. Financial A/C S.Y. English T.Y. Travel & Tour.	F.Y. Financial A/C S.Y. English T.Y. Computerized A/C	F.Y. Financial A/C S.Y. Environment Sci. T.Y. Computerized A/C
10.30 to 10.50	Break					
10.50 to 11.40	F.Y. English S.Y. Corporate Account T.Y. Management A/C	F.Y. English S.Y. Corporate Account T.Y. Management A/C	F.Y. English S.Y. Corporate Account T.Y. Advanced A/c	F.Y. English S.Y. Corporate Account T.Y. Advanced A/c	F.Y. English S.Y. GST Account T.Y. Advanced A/c	_____
11.40 to 12.30	F.Y. Business Economics S.Y. Cost Account T.Y. Auditing	F.Y. Business Economics S.Y. Cost Account T.Y. Auditing	F.Y. Business Eco. S.Y. GST Account T.Y. Computerized A/C	F.Y. Business Economics S.Y. GST Account T.Y. Computerized A/C	F.Y. - Copm. Appli.-I S.Y. Cost Account T.Y. Auditing	F.Y. - Copm. Appli.-I S.Y. Cost Account T.Y. Auditing
12.30 to 01.20	F.Y. Enip. Devis. S.Y. IT-I _____	F.Y. Enip. Devis. S.Y. IT-I _____	F.Y. Maths/ Hindi S.Y. Maths/ Hindi _____	F.Y. Maths/ Hindi S.Y. Maths/ Hindi _____	F.Y. Maths/ Hindi S.Y. Maths/ Hindi T.Y. Sports	F.Y. Maths/ Hindi S.Y. Maths/ Hindi T.Y. Sports
01.20 to 02.00	S.Y. Environment Sci.	_____	S.Y. Sports	S.Y. Sports	_____	_____

[Signature]
Principal

Shivraj College, Partur
Tq. Partur Dist. Jalga



Shivraj College Partur
M.Lib I Year Time Table

Time	Cours No. / Title	Teacher
10.00 To 11.00	Fundamentals of information science	Mr. N.B. Gosavi
11.00 To 12.00	Knowledge Organization -II	Mr. N.B. Gosavi
12.00 To 01.00	Information sources and services	Mr. N.B. Gosavi
01.00 To 02.00	Information Search and strategies	Mr. N.B. Gosavi

A handwritten signature in blue ink, likely of the Principal, Mr. N.B. Gosavi.

Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



Shivraj College Partur
M.sc Chemistry I Year Time Table

Time	Course No. / Title	Teacher
10.00 To 11.00	Analytical Chemistry	Mr. Khedkar R.S
11.00 To 12.00	Inorganic Chemistry	Dr. V. Krishanana
12.00 To 01.00	Organic Chemistry	Smt. A.S. Gaikwad
01.00 To 02.00	Physical Chemistry	Mr. Khedkar R.S


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalgaon

M.sc Computer Science I Year Time Table



Time	Course No. / Title	Teacher
10.00 To 11.00	Advance Java	Mr. Bhosale G.P.
11.00 To 12.00	Neural Network	Mr. Shahir S.L
12.00 To 01.00	Digital Signal Processing	Mr. Bhosale G.P.
01.00 To 02.00	Advance Operating System	Mr. Bharsakhale V.R

Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna

M.sc Math's I Year Time Table



Time	Cours No. / Title	Techar
10.00 To 11.00	Constitution of India	Mr. More G.B
11.00 To 12.00	Abstract Algebra	Mr. Ingale S.M
12.00 To 01.00	Real Analysis - I	Dr.Borgade K.R
01.00 To 02.00	Topology - I	Mr. Ingale S.M
02.00 To 03.00	Complex Analysis - I	Dr.Borgade K.R
03.00 To 04.00	Differential Equations-I	Smt. Kawale P.A

Principal
Shivraj College, Partur
Tq.Partur Dist.Jalna



MSc Teaching Plan for the Academic Year 2021-22
Dept. of Chemistry
Name: _____

No	Class	Paper	Aug	Periods	Sep	Periods	Oct	Periods	Nov	Periods	Dec	Periods	Jan	Periods	Feb	Periods
1	M.Sc.I (Sem)	Analytical CHE-101 Organic CHE-103	Admission in Process	5	6	7	8	9	10	11	12	13	14	15	16	17
					Basic concepts of analytical chemistry	16	Basic concepts of analytical chemistry	16	Reaction mechanism structure and reactivity	16	Reaction mechanism structure and reactivity	16	Nature of bonding in organic molecules	16	Nature of bonding in organic molecules	16
2	M.Sc.II (Sem V)	Organic synthesis CHEO-314 Inorganic	Admission in Process		Reduction	16	Formation of C-C bonds Via organometallic reagents	16	Reaction intermediates	16	Introduction to Inorganic chemistry	16	Enzyme and coenzyme chemistry	16	Free radical reaction, Pericyclic, LI	16


Principal
 Shivraj College, Partur
 Tq. Partur Dist. Jalna



No	Class	Paper	Mar	Periods	Apr	Periods	May	Periods	Jun	Periods	Jul	Period	Remark			
18	19	20	21	22	23	24	25	26	27	28	29	30	31			
1	M.Sc.II (SemII)	Spectroscopy CHE-205 Organic CHE-207	UV, IR Spectroscopy	NMR spectroscopy, Vibrational and Electronic spectroscopy	Addition to C.C. multiple bonds	16	Elimination Reaction	16	Aromatic electrophilic nucleophilic substitution	16	Complex molecules	16				
20	M.Sc.II (SemIV)	Medicinal chemistry CHE-420, Refrigerants R _n	Pharmaco kinetics,	C.C. disconnection , Ring synthesis	Basic consideration of drug activity	16	Pharmacodynami cs	16	Complex molecules	16						

Workload per week			FT	SV	Total
Theory			04	04	08
Practicals			08	08	16

Head, Dept of Chemistry

Principal
Shriwaj College, Partur
Tq. Partur Dist. Jalna



MSc Teaching Plan for the Academic Year 2021-22

Dept. of Chemistry

Name:

No	Class	Paper	Aug	Periods	Sep	Periods	Oct	Periods	Nov	Periods	Dec	Periods	Jan	Periods	Feb	Periods
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	M.Sc.II (Sem-I)	Inorganic CHE-102 Physical CHE-104	Admission in Process		Group Theory and symmetry concept	15	Inorganic chem in biological system	16	Isotopic equilibria and biological reactions	16	Classical thermodynamic s	16	Surface chemistry, electrocatalysis 7	16	Metal ligand complexes in solution	16
2	M.Sc.II (Sem-I)	Spectroscopy CHE-313, Photochemistry CHEO-316	Admission in Process		¹ H NMR, IJC NMR	16	¹ H NMR, IJC NMR	16	Asymmetric synthesis	16	Supramolecular chem and biomimetic chem	16	Free radical reaction, Peroxide-LII	16	Free radical reaction, Peroxide-LII	16

(Signature)
Principal

Shriwaj College, Partur
Tq. Partur Dist. Jalna



No	Class	Paper	Mar	Apr	May	Jun	Jul	Period	Remark				
18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	M.Sc-I (Sem-I)	Inorganic CHE-206, Physical CHE-208	Chemistry of metal carbonyls	Electronic spectra and magnetic properties of metal complexes	Theory of metal ligand bonding in complexes	Quantum chemistry-I, II	16/Crystalline structure by Photochemistry	16					
2	M.Sc-II (Sem-II)	Advanced organic chemistry, Natural products	Rearranging reactions Name reactions	Heterocyclic chemistry	Synthesis	16/Terpenoids and carotenoids	Alkaloids	16					

Workload per week				FY	SY	Total
Theory				04	04	08
Practicals				04	08	16

Head, Dept. of Chemistry

(Signature)
Principal

Shivraj College, Parthur
Tq.Parthur Dist.Jalna



MSc Teaching Plan for the Academic Year 2022-23
Dept. of Chemistry
Name: _____

No	Class	Paper	Aug	T-Periods		Sep	Periods		Oct	Periods		Nov	Periods		Dec	Period		Jan	Periods		Feb	Periods	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	M.Sc.I (Sem-I)	Analytical CHE-101 Organic CHE-103	Admission Process		Basic concepts of analytical chemistry	Basic concepts of analytical chemistry		16	Reaction mechanism structure and reactivity	16	Reaction mechanism structure and reactivity	15	Nature of bonding in organic molecules	16	Nature of bonding in organic molecules	15	Free radical reaction, Pericyclic-III	16	17	18	19	20	21
2	M.Sc.II (Sem- V)	Organic synthesis CHEO-14 Inorganic	Admission Process		Reduction	Formation of C-C bonds Via organometallic reagents	16	16	Reaction intermediates	16	Introduction to bioorganic chemistry	15	Enzyme and coenzyme chemistry	16									

Principal
 Shivraj College, Partur
 Tq. Partur Dist. Jalna



No	Class	Paper	Mar	Periods	Apr	Periods	May	Periods	Jun	Periods	Jul	Periods	Remarks			
18	19	20	21	22	23	24	25	26	27	28	29	30	31			
1	M.Sc.II (Sem II)	Spectroscopy CHE-205 Organic CHE-207	UV, IR Spectroscopy	16 NMR spectroscopy, Molecular and Electronic spectroscopy	16 Addition to C-C multiple bonds	16 Elimination Reaction	16 Aromatic electrophilic nucleophilic substitution	16	16	16	16	16				
2	M.Sc.II (Sem IV)	Medicinal chemistry CHEO-420, Bioregulators	Pharmaco kinetics,	16 C-C disconnection Ring synthesis	16 Basic consideration of drug activity	16 Pharmacodyn mics	16 Complex molecules	16	16							

Workload per week				FY	SV	Total
Theory				04	04	08
Practicals				08	08	16

Head, Dept of Chemistry

Principal
Shriwaj College, Partur
Tq. Partur Dist. Jalna



MSc Teaching Plan for the Academic Year 2022-23
Dept. of Chemistry
Name: _____

No	Class	Paper	Aug	Periods	Sep	Periods	Oct	Periods	Nov	Periods	Dec	Periods	Jan	Periods	Feb	Periods
1	M.Sc.I (Sem-I)	Inorganic CHE-102 Physical CHE-104	Admission Process	5	Group Theory and symmetry concept	7	Inorganic chem in biological system	8	16 Ionic equilibria and biological reactions	10	16 Chemical thermodynamics	12	16 Surface chemistry, electrochemis- try	13	16 Metal ligand equilibria in solution	17
	M.Sc.II (Sem- V)	Spectroscopy CHE-313, Photochemist ry CHEO-316	Admission Process		1H NMR, 13C NMR	16	1H NMR, 13C NMR	16	Asymmetric synthesis	16	Supramolecular chem and biomimetic chem	16	Free radical reaction, Percyclic-III	16	Free radical reaction, Percyclic-III	16

Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



No	Class	Paper	Mar	Periods	Apr	Periods	May	Periods	Jun	Periods	Jul	Periods	Remarks				
18	19	20	21	22	23	4	25	26	27	28	29	30	31				
1	M.Sc.I (SemII)	Inorganic CHE-206, Physical CHE-208	Chemistry of metal carbonyls	16	Electronic spectra and magnetic properties of metal complexes	15	Theory of metal ligand bonding in complexes	16	Quantum chemistry I, II	16	Crystallograp hy, Photochemistr y	16					
	M.Sc.II (SemIV)	Advanced organic chemistry, Natural products	Rearrang ement Name reactions	16	Heterocyclic chemistry	16	Stereois	16	Terpenoids and carotenoids	16	Alkaloids	16					

Workload per week				
Theory				04
Practicals				08
				16

Head, Dept of Chemistry

Principal
Shriwaj College, Partur
Tq. Partur Dist. Jalna



MSc Teaching Plan for the Academic Year 2023-24
Dept. of Chemistry
Name: _____

No	Class	Paper	Aug	Periods	Sept	Periods	Oct	Periods	Nov	Periods	Dec	Periods	Jan	Periods	Feb	Periods
1	2	3	4	5	6	7	8	9	10	11	12		1	15	16	17
1	M.Sc.I (Semth)	Analytical CHE-101 Organic CHE-103	Admission in Process		Basic concepts of analytical chemistry	16	Basic concepts of analytical chemistry	16	Reaction mechanism structure and reactivity	16	Reaction mechanism structure and reactivity	16	1 3 4	16	Nature of bonding in organic molecules	15
	M.Sc.II (Semth V)	Organic synthesis CHEO-314 Inorganic	Admission in Process		Reduction	16	Formation of C-C bonds Via organometallic reagents	16	Reaction intermediates	16	Introduction to Inorganic chemistry	16	Language and Inorganic chemistry	16	Free radical reaction, Percyell-III	16

Principal
Shivraj College, Partur
Tq.Partur Dist.Jalna



No	Class	Paper	Mar	Periods	Apr	Periods	May	Periods	Jun	Periods	Jul	Periods	Remark		
18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1	M.Sc-I (Sem-I)	Spectroscopy CHE-205 Organic CHE-207	UV, IR Spectroscopy	16	NMR spectroscopy, Vibrational and Electronic spectroscopy	16	Addition to C-C multiple bonds	16	Elimination Reaction	16	Aromatic electrophilic and nucleophilic substitution	16			
2	M.Sc-II (Sem-II)	Medicinal chemistry CHD-420, Ketoanalgesics	Pharmaco kinetics,	16	C-C disconnection - Ring synthesis	16	Basic consideration of drug activity	16	Pharmacodyn mics	16	Complex molecules	16			

Workload per week			PY	SY	Total
Theory			04	04	08
Practicals			08	08	16

Head, Dept of Chemistry

Shivraj
Shivraj College, Partur
Tq. Partur Dist. Jalna



MSc Teaching Plan for the Academic Year 2023-24
Dept. of Chemistry
Name: _____

No	Class	Paper	Ang	Periods	Sep	Periods	Oct	Periods	Nov	Periods	Dec	Periods	Jan	Periods	Feb	Periods
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
M.Sc.II (Seat)	Inorganic CHE-102 Physical CHE-104	Admission in Process			Group Theory and symmetry concept	16	Inorganic chem in biological system	16	Ionic equilibria and biological reactions	16	Classical thermodynamics	16	Surface chemistry, electrochemistry	16	Metal ligand equilibria in solution	16
M.Sc.II (Seat V)	Spectroscopy CHE-111, Photochemistry CHEO-316	Admission in Process			1H NMR, 13C NMR	16	1H NMR, 13C NMR	16	Asymmetric synthesis	16	Supramolecular chem and biomimetic chem	16	Free radical reaction, Peroxide-LII	16	Free radical reaction, Peroxide-LII	16

(Signature)
Principal
Shriyraj College, Partur
Tq.Partur Dist.Jalna



No	Class	Paper	Mar	Periods	Apr	Periods	May	Periods	Jun	Periods	Jul	Periods	Remarks			
1	M.Sc.II (SemII)	Inorganic CHE-206, Physical CHE-208	Chemistry of metal carbonyl	16	Electronic spectra and magnetic properties of metal complexes	16	Theory of metal ligand bonding in complexes	16	Quantum chemistry-I, II	16	Cystallograp hy, Photochemistr y	16				
	M.Sc.II (SemI)	Advanced organic chemistry, Natural products	Rearrang ement Name reactions	16	Heterocyclic chemistry	16	Steroids	16	Terpenoids and carotenoids	16	Alkaloids	16				

Workload per week			
Theory	PT	SV	Total
	04	04	08
Practicals	08	08	16

Head, Dept of Chemistry

Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



MSc Teaching Plan for the Academic Year 2021-22
Dept. of Computer Science
Name: _____

No	Class	Paper	Aug	Periods	Sep	Periods	Oct	Periods	Nov	Periods	Dec	Periods	Jan	Periods	Feb	Periods
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	M.Sc.I (Sem-I)	Introduction to Algorithms: Theory, Practice and case study	Admission Process		Introduction to Algorithms: Theory, Practice and case study		Introduction to Algorithms: Theory, Practice and case study		Introduction to Algorithms: Theory, Practice and case study		Introduction to Algorithms: Theory, Practice and case study		Effective		Effective	
2	M.Sc.II (Sem-II)	Computer vision, Data mining and warehousing using python	Admission Process		Computer vision		Computer vision		Data mining and warehousing using python		Data mining and warehousing using python		Data mining and warehousing using python		Research methodology	


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalga



MSc Teaching Plan for the Academic Year 2021-22
Dept. of Computer Science

Name: _____

No	Class	Paper	Aug	Periods	Sep	Periods	Oct	Periods	Nov	Periods	Dec	Periods	Jan	Periods	Feb	Periods
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	M.Sc.I (Sem-I)	Data Visualization Sensors and Actuators	Admission in Process		Data Visualization		Data Visualization		Data Visualization		Sensors and Actuators		Sensors and Actuators		Research methodology	
2	M.Sc.II (Sem-II)	Internet of things(IoT)	Admission in Process		Internet of things(IoT)		Internet of things(IoT)		Internet of things(IoT)		Internet of things(IoT)		Internet of things(IoT)		Exactive	

Principal
Shivraj College, Partur
Tq.Partur Dist., Jalna



No	Class	Paper	Mar	Apr	May	Jun	Jul	Period	Remark			
18	19	20	21	22	23	24	25	26	27	28	29	30
1	M.Sc.I (Sem II)	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python
	M.Sc.II (Sem IV)	Data analytics IoT and cloud concept, case study and applications	Data analytics IoT and cloud concept, case study and applications	Data analytics IoT and cloud concept, case study and applications	Data analytics IoT and cloud concept, case study and applications	Data analytics IoT and cloud concept, case study and applications	Data analytics IoT and cloud concept, case study and applications	Data analytics IoT and cloud concept, case study and applications	Data analytics IoT and cloud concept, case study and applications	Data analytics IoT and cloud concept, case study and applications	Data analytics IoT and cloud concept, case study and applications	Data analytics IoT and cloud concept, case study and applications

Workload per week						
Theory				PY	SY	Total
				04	04	08
Practicals				08	08	16

Head, Dept of Computer science

Principal

Shivraj College, Partur
Tq. Partur Dist. Jalga



MSc Teaching Plan for the Academic Year 2022-23
Dept. of Computer Science

Name: _____

No	Class	Paper	Aug	Periods	Sep	Periods	Oct	Periods	Nov	Periods	Dec	Periods	Period	Jan	Periods	Feb	Periods
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	M.Sc.I (Sem-I)	introduction to Algorithms: Theory, Practice and case study	Admission Process		introduction to Algorithms: Theory, Practice and case study	16	introduction to Algorithms: Theory, Practice and case study	16	introduction to Algorithms: Theory, Practice and case study	16	introduction to Algorithms: Theory, Practice and case study	16	16 Elective	16	Elective	15	
2	M.Sc.II (Sem-II)	Computer vision, Data mining and warehousing using python	Admission Process		Computer vision	16	Computer vision	16	Data mining and warehousing using python	16	Data mining and warehousing using python	16	Data mining and warehousing using python	16	Research methodology	16	


Principal
Shivraj College, Partur
Tq. Partur Dist. Jalna



No	Class	Paper	Mar	Periods	Apr	Periods	May	Periods	Jun	Periods	Jul	Periods	Remarks			
18	19	20	21	22	23	24	25	26	27	28	29	30	31			
1	M.Sc.II (Sem II)	Digital image processing and analytics, Statistical machine learning	Digital image processing and analytics, Statistical machine learning	16	Digital image processing and analytics, Statistical machine learning	16	Statistical machine learning	16	Statistical machine learning	16	Research methodology	16				
2	M.Sc.II (Sem II)	Artificial intelligence, Artificial intelligence or	Artificial intelligence or	16	Artificial intelligence	16	Artificial intelligence	16	Artificial intelligence	16	Elective	16				

Workload per week			
	PT	SV	Total
Theory	04	04	08
Practicals	08	08	16

Head, Dept of Computer science,
Principal
 Shri Vaidya College, Partur
 Tq. Partur Dist. Jalna



MSc Teaching Plan for the Academic Year 2022-23
Dept. of Computer Science

Name: _____

No	Class	Paper	Aug	Periods	Sep	Periods	Oct	Periods	Nov	Periods	Dec	Periods	Jan	Periods	Feb	Periods
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	M.Sc.I (Sem-I)	Data Visualization Sensors and Actuators	Admission in Process		Data Visualization	Data Visualization	Data Visualization	Data Visualization	Data Visualization	Sensors and Actuators	Sensors and Actuators	Sensors and Actuators	Sensors and Actuators	Research methodology		
	M.Sc.II (Sem-II)	Internet of things(IoT)	Admission in Process		Internet of things(IoT)	Internet of things(IoT)	Internet of things(IoT)	Internet of things(IoT)	Internet of things(IoT)	Internet of things(IoT)	Internet of things(IoT)	Internet of things(IoT)	Internet of things(IoT)	Lecture		


Principal
Shri Vajra College, Partur
Tq. Partur Dist. Jalna



No	Class	Paper	Mar	Periods	Apr	Periods	May	Periods	Jun	Periods	Jul	Periods	Remark			
18	19	20	21	22	23	24	25	26	27	28	29	30	31			
	M.Sc.I (Sem.II)	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python				
	M.Sc.II (Sem.IV)	Data analytics IoT and cloud: concept, case study and applications	Data analytics IoT and cloud: concept, case study and applications	IoT and cloud: concept, case study and applications	IoT and cloud: concept, case study and applications	IoT and cloud: concept, case study and applications	IoT and cloud: concept, case study and applications	IoT and cloud: concept, case study and applications	IoT and cloud: concept, case study and applications	IoT and cloud: concept, case study and applications	IoT and cloud: concept, case study and applications	IoT and cloud: concept, case study and applications				

Workload per week				FY	SY	Total
Theory				04	04	08
Practicals				08	08	16

Head, Dept. of Computer science

Pratibha

Shivraj College, Partur
Tq. Partur Dist. Jalna



MSc Teaching Plan for the Academic Year 2023-24
Dept. of Computer Science

Name: _____

No	Class	Paper	Aug	Periods	Sep	Periods	Oct	Periods	Nov	Periods	Dec	Periods	Jan	Periods	Feb	Periods
1	1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	M.Sc.II (Sem-I)	Introduction to Algorithms: Theory, Practice and case study	Admission Process		Introduction to Algorithms: Theory, Practice and case study		Introduction to Algorithms: Theory, Practice and case study		Introduction to Algorithms: Theory, Practice and case study		Introduction to Algorithms: Theory, Practice and case study		Elective		Lecture	
	M.Sc.II (Sem-II)	Computer vision, Data mining and web scraping using python	Admission Process		Computer vision		Computer vision		Data mining and web scraping using python		Data mining and web scraping using python		Data mining and web scraping using python		Research methodology	

Principal
Shivra College, Partur
Tq. Partur Dist. Jalna



No	Class	Paper	Mar	Periods	Apr	Periods	May	Periods	Jun	Periods	Jul	Periods	Remarks			
1	M.Sc.II (Sem II)	Digital image processing and analytics, Statistical machine learning	Digital image processing and analytics,	16	Digital image processing and analytics,	16	Statistical machine learning	16	Statistical machine learning	16	Research methodology	30	31			
	M.Sc.II (Sem IV)	Artificial intelligence,	Artificial intelligence	16	Artificial intelligence	16	Artificial intelligence	16	Artificial intelligence	16	Elective	16				

Workload per week			
Theory	04	04	08
Practicals	08	08	16

Head, Dept of Computer science

Principal

Shivraj College, Partur
Tq. Partur Dist. Jalna



MSc Teaching Plan for the Academic Year 2023-24
Dept. of Computer Science
Name: _____

No	Class	Paper	Aug	Periods	Sep	Periods	Oct	Periods	Nov	Periods	Dec	Periods	Jan	Periods	Feb	Periods
1	M.Sc. I	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Data Visualization Sensors and Actuators	Addressable in Process		Data Visualization	Data Visualization	Data Visualization	Data Visualization	Data Visualization	Sensors and Actuators	Sensors and Actuators	Sensors and Actuators	Sensors and Actuators	Research methodology		
	M.Sc. II	Internet of things(IoT)	Addressable in Process		Internet of things(IoT)	Internet of things(IoT)	Internet of things(IoT)	Internet of things(IoT)	Internet of things(IoT)	Internet of things(IoT)	Internet of things(IoT)	Internet of things(IoT)	Internet of things(IoT)	Executive		

Principal
Shivraj College, Parthur
Tq, Parthur Dist., Jalna



No	Class	Paper	Mar	Apr	May	Jun	Jul	Periods	Remark				
18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	M.Sc-I (Sem-I)	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	Microcontroller programming using python	16	16	16	16	16	16
2	M.Sc-II (Sem-II)	Data analytics IoT and cloud: concept, case study and applications	Data analytics	IoT and cloud: concept, case study and applications	IoT and cloud: concept, case study and applications	IoT and cloud: concept, case study and applications	IoT and cloud: concept, case study and applications	16	16	16	16	16	16

Workload per week			
	FY	SY	Total
Theory	04	04	08
Practicals	08	08	16

Head, Dept. of Computer science

(Signature)

Shivraj College, Partur
Tq. Partur Dist. Jalna