

Loyola College Kunkuri
Teachers Curriculum Planning

Name- SangeetaYadav

Session- 2021-2022

Subject- Botany and Environment

B.Sc. Ist Year

Class- B.Sc.-I (II Paper) Bryophytes, Pteridophytes, Gymnosperms and Palaeobotany

Unit	Date	Curriculum Planning
	16/08/2021	Orientation program- I, II, III Year
Unit-I	17/08/2021	Botany Syllabus start General introduction of syllabus, practicals, exam pattern.
	19/08/2021	Introduce the Botany Lab. Unit I- Bryophyta: Characteristics, affinities, thallus organization, reproduction of Riccia, Marchantia, Pellia, Anthoceros, Funaria.
	28/08/2021	Plantation by students and staff.
		Departmental meeting in every month
	25/10/2021	Announced for first unit test. Doubt Class and important question
	28/10/2021	Botany Unit test I Each unit test carries 10 marks.
	05/09/2021	The result of I unit test and the copy of students showed to students. The students, who didn't performed good in the test asked to study well.
	22/09/2021 To 20/10/2022	Environment Studies Syllabus started Unit-I Environment Syllabus start Unit I- The Multi-disciplinary Nature of Environmental Studies , Natural Resources: Renewable and Non-renewable Resources.
	15/01/2022	Environment - Announced for first unit test. Doubt Class and important question
	19/01/2022	Environment Unit Test-I
	22/01/2022	The result of I unit test and the copy of students showed to students. The students, who didn't performed good in the test asked to study well.
	25/10/2021	Environment: Project, Assignment topic for seminar was given to the students.
		Assembly is done every Monday
		Mentoring classes is done every Saturday Topic- Solo song, extempore, quiz, rangoli, painting, drawing,

		monoact, group discussion.
Unit –II	23/09/2021 To 22/10/2021	Botany Class Unit-II Pteridphytes: Characteristics, affinities, Heterospory, Stellar systems, Apospory, Apogamy, Telome theory, Azolla
	25/10/2021	Announced for second unit test. Doubt Class and important question
	28/10/2021	Unit test-II
	04/11/2021	Botany- The result of II unit test and the copy of students showed to students. The students, who didn't performed good in the test asked to study well.
	31/08/2021	Practical start. Two class periods are reserved for the experiments and practicals.
	27/10/2021 To 20/11/2021	Environment Class Unit II Ecosystems, Bio-diversity and its Conservation
	12/09/2021 19/11/2022	Model, assignment topic and project for seminar was given to the students. Doubt Class and important question
	30/01/2022	Announced for second unit test
	02/02/2022	Environment- Unit test II
	20/02/2022	Environment- The result of II unit test and the copy of students showed to students. The students, who didn't performed good in the test asked to study well. Doubt Class and important question
Unit-III	23/09/2021 To 20/10/2021	Environment Class Unit-III Environmental Pollution
	09/11/2021 To 30/11/2021	Botany Class Unit-III Morphology, anatomy and reproductive structure of Psilotum, Lycopodium, Selaginella, Equisetum, Marsilea.
	December To January	Maintain the herbal and botanical garden by students Doubt Class and important question
	05/02/2022	Announced for third unit test
	09/02/2022	Environment Unit Test-III
	30/01/2022	Announced for third unit test
	02/02/2022	Botany Unit test-III
	15/02/2022	Botany- The result of III unit test and the copy of students showed to students. The students, who didn't performed good in the test asked to study well.
	15/02/2022	Environment- The result of III Unit test and the copy of

		students showed to students. The students, who didn't performed good in the test asked to study well. Doubt Class and important question.
Unit-IV	21/10/2021 To 20/11/2021	Botany Class Unit-IV Gymnosperm: Cycas, Pinus and Ephedra
	23/10/2021 To 04/12/2021	Education Tour- Vishakhapatnam
	18/12/2021	Environment: Education Visit Heerakund
	03/02/2022	Botany Unit test-IV
	10/02/2022	The result of IV unit test and the copy of students showed to students. The students, who didn't performed good in the test asked to study well. Doubt Class and important question.
Unit-V	17/12/2021 To 10/01/2022	Botany Class Unit-V Palaeobotany: Geological time scale, fossils, Rhynia, Lygenopteris.
	09/11/2021	Topic allotted to students for assignment and models. Project was given to the students. Doubt Class and explained the exam pattern of the University
	24/11/2021	Motivational Class- Research field, NET, SET, GATE, Environmental studies, career guidance.
	08/02/2022	Announced for fifth unit test.
	21/03/2022 To 07/04/2022	All students give seminars, model, flexi, PPT presentation. Doubt Class and explained the exam pattern of the University
	09/02/2022	Botany Unit Test-V
	15/02/2022	The result of V unit test and the copy of students showed to students. The students, who didn't performed good in the test asked to study well.
	10/12/2021 To 16/12/2021 13/01/2022	Half yearly Exam The result of Half yearly exam showed to students.

	28/02/2022 To 11/03/2022	Model exam
	16 /03/2022	The result of model exam showed to students.
	August to December/ January	The 75% attendance of all the students is counted in August to September and October to December/ January for theory and practical.
	November	Completed the Theory and Practical syllabus
	27/01/2021 To 23/02/2021	Revision/Remedial Classes/Re Test/ Oral Test in each year students
	08/04/2022	Environment practical exam
	11/04/2022	Botany practical exam
	20/04/2022	Annual exam

Assit. Prof. /HOD Sangeeta Yadav

Department of Botany

Loyola College Kunkuri

Teachers Curriculum Planning

Name- SangeetaYadav

Session- 2021-2022

Subject- Botany

B.Sc. IIndYear

Class- B.Sc.- II (I Paper) Plant taxonomy, Economic Botany, Plant anatomy and embryology

Unit	Date	Curriculum Planning
	16/08/2021	Orientation program- I, II, III Year
Unit-I	19/08/2021 To 24/09/2021	Botany Syllabus start Unit I- Bentham and Hooker classification, Binomial Nomenclature, IUCN, Numerical taxonomy, Chemotaxonomy, Herbarium, Botanical garden, KBG England
	20/10/2021	Announced for first unit test. Doubt Class and important question
	25/10/2021	Botany Unit test I Each unit test carries 10 marks.
	30/10/2021	The result of I unit test and the copy of students showed to students. The students, who didn't performed good in the test asked to study well.
		Departmental meeting in every month
		Assembly is done every Monday
		Mentoring classes is done every Saturday Topic- Solo song, extempore, quiz, rangoli, painting, drawing, monoact, group discussion.
Unit-II	27/08/2021 To 25/09/2021	Botany Class Unit-II Systematic position, characters and economic importance of the following 24 families
	20/10/2021	Announced for second unit test. Doubt Class and important question
	27/08/2021	Practical start. Two class periods are reserved for the experiments and practical's
	25/10/2021	Unit test-II
	30/10/2021	The result of II unit test and the copy of students showed to students. The students, who didn't performed good in the test asked to study well.

	January And February	Plantation and maintain the herbal and botanical garden by students
Unit –III	27/08/2021 To 28/09/2021	Botany Class Unit-III Economic botany, fiber yielding plants, medicinal plants, food plants, fruit plants, spices, beverages, cultivation of important flowers, biodiesel plants, ethnobotany in context of C.G.
	02/02/2022	Announced for third unit test. Doubt Class and important question
	04/02/2022	Unit test-III
	15/02/2022	The result of III unit test and the copy of students showed to students. The students, who didn't performed good in the test asked to study well.
Unit-IV	29/10/2021 To 25/11/2021	Botany Class Unit-IV Plant anatomy- root and shoot apical meristems, secondary growth, anatomical anomalies, anomalous secondary growth.
	03/02/2022	Announced for forth unit test
	05/02/2022	Botany Unit test-IV
	10/02/2022	The result of IV unit test and the copy of students showed to students. The students, who didn't performed good in the test asked to study well.
	27/08/2021	Herbarium- Students were told about Herbarium and were given instructions on how to make records.
Unit-V	04/01/2022 To 05/02/2022	Botany Class Unit-V Embryology- Flower, anther, ovules, megasporogenesis, pollination, self incompatibility, fertilization, endosperm, embryo, apomixes, polyembryony and parthenocarpy.
	12/09/2021, 19/11/2022 08/11/2021	Model, assignment topic and project for seminar was given to the students. Doubt Class and important question Field Visit- Botanical garden Loyola College Kunkuri.
	10/02/2022	Announced for fifth unit test.
	11/02/2022	Unit test-V
	20/02/2022	The result of V unit test and the copy of students showed to students. The students, who didn't performed good in the test asked to study well. Doubt Class and important questions.
	23/10/2021 To 04/12/2021	Education Tour- Vishakhapatnam

	18/12/2021	Environment: Education Visit Heerakund
	24/11/2021	Motivational Class- Research field, NET, SET, GATE, Environmental studies, career guidance.
	10/12/2021 To 16/12/2021 07/01/2022	Half yearly Exam The result of Half yearly exam showed to students.
	28/02/2022 To 11/03/2022	Model exam
	16 /03 /2022	The result of model exam showed to students.
	August to December/ January	The 75% attendance of all the students is counted in August to September and October to December/ January for theory and practical.
	December	Completed the Theory and Practical syllabus
	27/01/2022 To 23/02/2022	Revision/Remedial Classes/Re Test/ Oral Test in each year students
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Assit. Prof. /HOD Sangeeta Yadav

Department of Botany

Loyola College Kunkuri

Teachers Curriculum Planning

Name- SangeetaYadav

Session- 2021-2022

Subject- Botany

Class- B.Sc.- III (I Paper) (Old+ New Course)

Old Course- Plant Physiology, biochemistry and biotechnology.

New course- Analytical technology, plant pathology, experimental, embryology,
Elementary biostatistics, environmental pollution and conservation.

Unit	Date	Curriculum Planning
	16/08/2021	Orientation program- I, II, III Year
Unit-I	18/08/2021 To 10/10/2021	Botany Syllabus start Unit I- Plant water relations, Mineral nutrition, Transport of organic substances Instrumentation, chromatography technique, oven, incubator, autoclave, centrifuge, spectrophotometer.
	23/10/2021	Announced for first unit test. Doubt Class and important question
	25/10/2021 28/10/2021	Botany Unit test I Each unit test carries 10 marks.
	10/11/2021	The result of unit test I and the copy of students showed to students. The students, who didn't performed good in the test asked to study well.
		Departmental meeting in every month
Unit-II	20/09/2021 To 18/10/2021	Botany Class Unit-II Photosynthesis, Nitrogen and lipid metabolism Plant tissue culture, analytical techniques
	20/10/2021	Announced for second unit test. Doubt Class and important question
	25/10/2021 28/10/2021	Unit test-II
	01/09/2021	Practical start. Students analyze the plant during field work in practical's. Two class periods are reserved for the experiments and practical's
	10/11/2021	The result of unit test II and the copy of students showed to students. The students, who didn't performed good in the test asked to study well.
	January and	Plantationand maintain the herbal and botanical garden by students.

	February	
Unit –III	26/10/2021 To 28/11/2021	Botany Class Unit-III Respiration, Basic of enzymology. Plant pathology, general symptoms of fungal, bacterial and viral diseases, infection, plant diseases.
	12/02/2022	Announced for second unit test. Doubt Class and important question
	14/02/2022	Unit test-III
	20/02/2022	The result of III unit test and the copy of students showed to students. The students, who didn't performed good in the test asked to study well.
Unit-IV	28/09/2021 To 11/02/2021	Botany Class Unit-IV Growth and Development, Plant hormones Pollution, green house gases, ozone, BOD, COD, biomagnifications, eutrophication, phytoremediation, plant indicators, biodiversity, CBD, MAB, IUCN
	12/02/2022	Announced for forth unit test
	15/02/2022	Botany Unit test-IV
	21/02/2021	The result of IV unit test and the copy of students showed to students. The students, who didn't performed good in the test asked to study well and Re unit test.
Unit-V	09/02/2022 To 19/02/2022	Botany Class Unit-V Genetic engineering, Biotechnology Elementary biostatistics, measure of central tendency, measures of dispersal
	12/09/2021, 19/11/2022 04/01/2021	Model, assignment topic and project for seminar was given to the students. Doubt Class and important question Field Visit- Botanical garden Loyola College Kunkuri.
	20/02/2022	Announced for fifth unit test.
	22/02/2022	Unit test-V
	28/02/2022	The result of V unit test and the copy of students showed to students. The students, who didn't performed good in the test asked to study well. Doubt Class and important questions.
	10/02/2021 To 20/02/2021	All students give seminars, model, flexi, PPT presentation. Doubt Class and explained the exam pattern of the University
	23/10/2021	Education Tour- Vishakhapatnam

	To 04/12/2021	
	18/12/2021	Environment: Education Visit Heerakund
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	10/12/2021 To 16/12/2021 12/01/2022	Half yearly Exam The result of Half yearly exam showed to students.
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