

S.V.R.K. GOVT. DEGREE COLLEGE (M), NIDADAVOLE

Table A-ANNUAL CURRICULAR PLAN – LECTURER-WISE 2022-23

Department : BOTANY

Class : I B.Sc. (CBZ)

Year : I

Paper : 1

Semester: II

Name of the Lecturer : Dr. P.S.S.SRAVANTHI/ B.Raja Rajeswari

S. No.	Month & Week	Hours available	Syllabus topic	Additional input / value addition	Curricular Activity				Co-curricular Activity				Remarks
					Activity	Hours allotted	Whether conducted	If not, alternate date	Activity	Hours allotted	Whether conducted	If not, alternate date	
1	2	3	4	5	6	7	8	9	10	11	13	13	13
1	May 1st Week	4 2	UNIT I: Pteridophytes General characteristics of Pteridophyta; classification of Smith (1955) up to divisions. Occurrence, morphology, anatomy, reproduction (developmental details are not needed) and life history of (a) <i>Lycopodium</i> (Lycopsidea) and (b) <i>Marsilea</i> (Filicopsida).	Equisetum life cycle	Teaching Practical Inquiry based learning	4 2			-				
2	June 1 st week	4 2	Stelar evolution in Pteridophytes; Heterospory and seed habit.		Teaching Practical Interaction	4 2							
3	June 2 nd week	4 2	UNIT II: Gymnosperms General characteristics of Gymnosperms; Sporne classification up to classes. Occurrence, morphology, anatomy, reproduction (developmental details are not needed) and life history of (a) <i>Cycas</i> (Cycadopsida) and (b) <i>Gnetum</i> (Gnetopsida).	Pinus life cycle	Teaching Practical Illustration	3 2			Assignment	1			
4	June 3 rd week	4 2	Outlines of geological time scale. A brief account on <i>Cycadeoidea</i> UNIT III: Basic aspects of Taxonomy 13Hrs. 1. Aim and scope of taxonomy; Species concept: Taxonomic hierarchy, species, genus and family.		Teaching Practical	3 2			Assignment	1			

5	June 4 th week	4 2	2. Plant nomenclature: Binomial system, ICBN- rules for nomenclature. 3. Herbarium and its techniques, BSI herbarium and Kew herbarium; concept of digital herbaria. I MID EXAMINATIONS	Engler and Prantls system	Teaching Practical Questioning	3 2			Quiz	1			
6	July 1 st week	4 2	4. Bentham and Hooker system of classification; 5. Systematic description and economic importance of the following families: (a) Annonaceae (b) Curcubitaceae	Apocyanaceae	Teaching Practical	3 2			Assignment	1			
7	July 2 nd week	4 2	UNIT IV: Systematic Taxonomy 1. Systematic description and economic importance of the following families: (a) Asteraceae (b) Asclepiadaceae (c)Amaranthaceae		Teaching Practical Illustration	3 2			Group discussion	1			
8	July 3 rd week	4 2	(d) Euphorbiaceae (e) Arecaceae and (f) Poaceae 2. Outlines of Angiosperm Phylogeny Group (APG IV).		Teaching Practical Assessment	3 2							
9	July 4 th week	4 2	UNIT V: Phytogeography 1. Principles of Phytogeography, Distribution (wides, endemic, discontinuous species) II MID EXAMINATIONS	Loss of Biodiversity	Teaching Practical	3 2			Assignment	1			
10	August 1 st week	4 2	2. Endemism – types and causes. 3. Phytogeographic regions of World. 4. Phytogeographic regions of India. 5. Vegetation types in Andhra Pradesh.		Teaching Practical Assessment	3 2			Assignment	1			
11	August 2 nd week	4 2	Revision		Teaching Practical	3 2			Student seminar	1			
12	August 3 rd week	4 2	Revision		Teaching Practical	3 2			Assignment	1			
13	August 4 th week	4 2	Revision		Teaching Practical	3 2			Assignment	1			

Signature of the Lecturer

Signature of the Lecturer in charge

Signature of the Principal

