



KAKATIYA GOVERNMENT COLLEGE

HANUMAKONDA, TELANGANA STATE – 506001

(Affiliated to Kakatiya University, Warangal)

(e-mail:warangal.jkc@gmail.com, website: <https://gdcts.cgg.gov.in/hanamkonda.edu>)



Criterion - VI


TEACHING DIARY

Commissionerate of Collegiate Education, Telangana State.
Government of Telanagana
College Administration and Information Management System

DIGITAL TEACHING DIARY

2020 - 2021




Commissionerate of College Automation
 Government of Telangana
 College Administration and Information Management System
Faculty Digital Diary

User Name: Dr BODDU RAMESH(20062110692)
 Academic Year: 2021-2022
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Welcome to Kakatiya Government College (KGC), Hanamkonda

Home Transactions Reports Utilities

Teaching Diary 01/11/2021

Program :	Course/ Subject :	Course Year :	Semester :	Medium:	Period:	Start Time:
Select ▼	<input type="text"/>	Select ▼	<input type="text"/>	Select ▼	Select ▼	8 : 00 ▼
Theory/ Practical :	Topic Covered:	Methodology Adopted:	No. of Students Attended:	Teaching Aids Used:	Student Activity Conducted :	Remarks:
Select ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Date	Day	Medium	Period/Time	Topic Covered	Type	Methodology	Num of Students	Teaching Aids Used	Activity Conducted	Remarks	Course 1st One	Course Names	Subject	Year/Sem	Delete
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Commissionerate of College Automation
 Government of Telangana
 College Administration and Information Management System
Faculty Digital Diary

User Name: Dr BODDU RAMESH(20062110692)
 Academic Year: 2021-2022
[Log out](#)

Welcome to Kakatiya Government College (KGC), Hanamkonda

Home Transactions Reports Utilities

Teaching Diary 08/06/2022

Program :	Course/ Subject :	Course Year :	Semester :	Medium:	Period:	Start Time:
Select ▼	<input type="text"/>	Select ▼	<input type="text"/>	Select ▼	Select ▼	8 : 00 ▼
Theory/ Practical :	Topic Covered:	Methodology Adopted:	No. of Students Attended:	Teaching Aids Used:	Student Activity Conducted :	Remarks:
Select ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



KAKATIYA UNIVERSITY
Kakatiya Government College (KGC), Hanamkonda
Dist. Warangal



Teaching Diary For Lecturer

Academic Year:2020-2021

Date:08-03-2021

S.No	Date	Day	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Course Year & Semester	OD Type	Remarks
Lecturer Name:KANDALA SATYANARAYANA ID:210048													
1	26-03-2021	Friday	Chemistry English	2 / 9.10 AM	Theory	Acid analysis	Lecture	8	Paper,pen, Zoom App	Question paper & Discussion on previous knowledge	1st Year Ist Sem		Online mode
2	26-03-2021	Friday	Chemistry English	3 / 10.11 AM	Theory	Revision	Discussion	2	Zoom app	Discussion	3rd Year Vth Sem		online mode
3	27-03-2021	Sunday	Chemistry English	2 / 10.11 AM	Theory	Splitting of D-Orbitals in Oh Complexes	Lecture & Discussion	7	Note book, Pen, Zoom app	Discussion	3rd Year Vth Sem		Online mode
4	30-03-2021	Tuesday	Chemistry English	3 / 10.11 AM	Theory	Chromatography Revision	Lecture	6	Note Book, Pen, Zoom App	Discussion	3rd Year Vth Sem		Online mode
5	31-03-2021	Wednesday	Chemistry Telugu	3 / 10.11 AM	Theory	Imp Questions for exam	Phone call	7	Phone Call	Imp questions discussion	3rd Year Vth Sem		Due to Not problem. Phone call+Discussion activity adopted

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PRINCIPAL
KAKATIYA GOVT COLLEGE
Hanamkonda.

TEACHING DIARY

2019 - 2020

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE
HANAMKONDA
(Accredited with "A" Grade by NAAC)



TEACHING DIARY

Academic Year : 2019-20

Name : Dr. B. VIJAYARAJ KEOUDY

Subject : BOTANY

College Code No. 006

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE
HANAMKONDA
(Accredited with "A" Grade by NAAC)



TEACHING DIARY

Academic Year : 2019-2020

Name : Dr. M. RAMBARU

Subject : BOTANY

College Code No. 006

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE
HANAMKONDA
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TEACHING DIARY

Academic Year : 2019-20

Name : DR. T. ANNIE SHERON

Subject : BOTANY College Code No. _____

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE
HANAMKONDA
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TEACHING DIARY

Academic Year : 2019-20

Name : A. RAMANA RAO

Subject : BOTANY College Code No. 006

Dr. B. Ramesh

Dr. B. Ramesh

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE
HANAMKONDA
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TEACHING DIARY

Academic Year : 2019-20

Name :

Dr. B. RAMESH

Subject :

CHEMISTRY

College Code No.

006

2018 - 2019

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE

HANAMKONDA

(Accredited with "A" Grade by NAAC)



TEACHING DIARY

Academic Year : 2018-19

Name : Dr. K. GANESH

Subject : ZOOLOGY College Code No. 006. K.G.C. HNK

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE

HANAMKONDA

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TEACHING DIARY

Academic Year : 2018-2019

Name : Dr. CH. Mallalah. Asst. prof. of Zoology K.G.C.H.NK.

Subject : ZOOLOGY. College Code No. 006-

Dr. Chanda Mallalah, Assistant Professor of Zoology
Kakatiya Govt. D.G. & P.G. College
Hanamkonda, Warangal (T.S.)

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE

HANAMKONDA

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TEACHING DIARY

Academic Year : 2018-19

Name : T. Bheem Rao

Subject : Zoology College Code No. 006

KAKATIYA GOVERNMENT DEGREE & P. G. COLLEGE

HANAMKONDA

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TEACHING DIARY

Academic Year : 2018-19

Name : DR. V. Anil Kumar Asst. prof

Subject : Zoology College Code No. 006

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE
HANAMKONDA

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TEACHING DIARY

Academic Year : 2018-18

Name : Dr. P. Gowdy

Subject : Zoology **College Code No.** 006

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE
HANAMKONDA

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TEACHING DIARY

Academic Year : 2017-2018

Name : Dr. K. GANESH

Subject : ZOOLOGY **College Code No.**

KAKATIYA GOVERNMENT DEGREE & P. G. COLLEGE
HANAMKONDA
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TEACHING DIARY

Academic Year : 2018-2019

Name : Dr. B. VITAYA RAO LEDDY
Subject : BOTANY College Code No. 006

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE
HANAMKONDA
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TEACHING DIARY

Academic Year : 2018 - 19

Name : Dr. R. Mogili
Subject : Chemistry College Code No. 006

2017 - 2018

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE
HANAMKONDA
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TEACHING DIARY

Academic Year : 2017-18

Name : Dr. S. Gyam Prasad

Subject : Botany College Code No. 006

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE
HANAMKONDA
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2017-18

TEACHING DIARY

Academic Year :

Name : K. Buchalaiah Asst. Prof. in Botany - K.D.C - Hns

Subject : Botany College Code No: _____

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE

HANAMKONDA

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TEACHING DIARY

Academic Year : 2017 - 2018

Name : Dr. CH. Mallikarjuna, M.Sc, M.Ed; Ph.D.

Subject : ZOOLOGY College Code No. 006 -

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE
HANAMKONDA

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TEACHING DIARY

Academic Year : 2017 - 2018

Name : A. RAMANA RAO

Subject : BOTANY College Code No. _____

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE
HANAMKONDA

(Accredited with "A" Grade by NAAC)



TEACHING DIARY

Academic Year : 2017-18

Name : Dr. S. Syam Prasad

Subject : Botany **College Code No.** 006

KAKATIYA GOVERNMENT DEGREE & P.G. COLLEGE
HANAMKONDA

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TEACHING DIARY

Academic Year : 2017-2018

Name : M. Himabindu

Subject : Chemistry **College Code No.** 006

Name of the College: Kakatiya Govt College					Name of the Department: ZOOLOGY							
Name of the Lecturer: Dr K Ganesh			Class: BSc use BSc		Year: II Year		Paper: III Sem					
Month	Week	Hours available	Syllabus Topic	Additional Input / Value Addition Provided / taught	Curricular Activity			Co-curricular Activity				
					Activity Conducted	Hours allotted	Whether conducted	Activity Conducted	Hours allotted	Whether conducted	If not, alternate date	Remarks
July 2018	1 Week		Cephalochordate subvent features	Practicals	Observation & Specimen	yes	-	Quiz	yes	-	-	-
July 2018	2 Week		General organization of chordate. General character of cyclostomata	Specimen observe	Debate	yes	-	Students Seminar	yes	-	-	-
July 2018	3 Week		Comparison of Petromyzon & Mipis. General character of Fishes.	Observation and Identification of cycloids	Assignment	yes	-	Debate	yes	-	-	-
July 2018	4 Week		Type study of Scoliodon	scatolids channels	Assignment	yes	-	Group discussion	yes	-	-	-

Signature of the Lecturer: *[Signature]* Signature of the Department VC: *[Signature]* Signature of the Principal: *[Signature]*

Name of the college: KAKATIYA GOVERNMENT COLLEGE					Name of the Department: BOTANY								
Name of the Lecturer: B. V. Jagad Lalay			Class: II BSc		Year: II (I Sem)		Paper: III						
Month	Week	Hours available	Syllabus Topic	Additional Input / Value Addition Provided / taught	Curricular Activity			Co-curricular Activity					
					Activity Conducted	Hours allotted	Whether conducted	Activity Conducted	Hours allotted	Whether conducted	If not, alternate date	Remarks	
JULY-2018	1 Week	4hrs	INTRODUCTION OF CYTOLOGY, CELL MEMBRANE			4h	yes	-					
	2 Week	4hrs	CELL MEMBRANE STRUCTURE AND PLASMA MEMBRANE			4h	yes	-	Assignment	1hr			
	3 Week	4hrs	PLASM MEMBRANE THEORY CELL ORGANELLES			4h	yes	-	QUIZ	1hr			
	4 Week	4hrs	CELL ORGANELL STRUCTURE & FUNCTIONS			4h	yes	-	Assignment	1hr			

Signature of the Lecturer: *[Signature]* Signature of the Department VC: *[Signature]* Signature of the Principal: *[Signature]*

Name of the College :				Name of the Department :								
Name of the Lecturer :			Class :		Year :		Paper :					
Month	Week	Hours available	Syllabus Topic	Additional Input / Value Addition Provided / taught	Curricular Activity				Co-Curricular Activity			
					Activity Conducted	Hours allotted	Whether conducted	If not, alternate date	Activity Conducted	Hours allotted	Whether conducted	If not, alternate date
O C T O B E R	1 Week	03	Growth and Development	Factors	Conducted	01	-	-	-	-	-	-
	2 Week	03	Growth and Development	control	Conducted	01	-	-	Growth Measurement	01	Conducted	-
	3 Week	03	Physiology of flowering in stress physiology	Flowering regulator	Types of flower	01	Conducted	-	-	-	-	-
	4 Week	03	Lipid metabolism	Lipids and Fats	Structure of lipids & energy source	01	Conducted	-	-	-	-	-

Signature of the Lecturer

Signature of the Department I/C

Signature of the Principal

TEACHING DIARY

Date	Days	Class	Period / Time	Medium	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
01/07/19	Monday	B1 SSC B2 SC	8:30-5:30 11:00-11:50	7th 8th	theory	Cell-organellar chloroplast Introduction of colony	Lecture Lecture		Black board "	Q A	
02/07/19	Tuesday	B1 SSC B2 SC	8:30-5:30 AM 11:00-11:50	7th 8th	theory	Nucleic acids (DNA) structure	Lecture "		Black board Chart	Q A	
03/07/19	Wednesday	B1 SSC B2 SC	8:30-5:30 11:00-11:50	7th 8th	theory	DNA structure chemical & physical microbiology, genetics	Lecture "		Black board Chart	Q A	
04/07/19	Thursday	B2 SC	11:00-11:50	8th	theory	Access genes characters	Lecture		Black board	Q A	
05/07/19	Friday	B2 SC B1 SC	8:30-10:10	8th	practical	Algal culture Algal mixture	Experi- mental		Black board	Q A	
06/07/19	Saturday	B2 SC MHC	9:30-11:00	8th	practical	Algal mixture	Experi- mental		Chart	Q A	

Signature of the Lecturer _____ Signature of the Department VC _____ Signature of the Principal _____

Date	Days	Class	Period / Time	Medium	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
29-07-19	Monday					General Holiday due to Telangana Bonalu Festival					
30-07-19	Tuesday	B2C-I B2C-III	2:3 4:5	EM 7th	Lab (B) Lab	Section on the Abuse Estimation of Carotenoid & B-Carotenoid Test	Demo Demo	39 24	Inteiled lab Chemical	record practical day	
31-07-19	Wednesday	B2C-III B2C-I B2C-I	1 2:3 4	7th EM EM	Theory Lab (B) Theory	Epistasis Section on the Abuse Plant-viral diseases	Lecture Demo Lecture	21 16 41	D.B. Inteiled lab D.B. chat	record record record	
01-08-19	Thursday	B2C-I	4	EM	Theory	plant Diseases caused by Bacteria	Lecture	42	D.B.		
02-08-19	Friday	B2C-I	4	EM	Theory	Bacterial disease control with reference to mounds lab report & BSC tumors	Lecture	48	D.B.		
03-08-19	Saturday	B2C-III B2C-I B2C-I	2, 2:3 4	7th EM EM	Theory Lab (B) Theory	Nanotechnology Section on the Abuse General character of Mosa	Lecture Demo Lecture	21 13 59	D.B. Inteiled lab D.B.	record	

Signature of the Lecturer _____ Signature of the Department VC _____ Signature of the Principal _____

Date	Days	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
4/11	Monday	I BSc		Eng	Theory	Current concepts in Taxonomy: Entomology & Cytotaxonomy & relation to taxonomy			PPT		
		II BSc	Extra class	Eng	Theory	Plant succession process & diversity					
5/11	Tuesday	I BSc		Eng	Theory	Current concepts in Taxonomy: Chemotaxonomy & Numerical Taxonomy			PPT		
		II BSc	Extra class	Eng	Theory	Xenotera & Hydrozoa					
6/11	Wednesday	I BSc	2nd	Eng	Theory	Taxonomy: Phylogenetic Approach					
7/11	Thursday	II BSc	1st	Eng	Theory	Introduction to Biodiversity Values.					
		II BSc	4th	Eng	Theory						
8/11	Friday	III BSc	1st	Eng	Th	Projects to Biodiversity and Conservation methods					
		II BSc	2x3	Eng	Th						
9/11	Saturday	III BSc	1st	Eng	Th	Conservation of Biodiversity Ecosystems					
		II BSc	PC	Eng	Th	Medicinal plant revision					

Signature of the Lecturer _____ Signature of the Department I/C _____ Signature of the Principal _____

Date	Days	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
01-07-19	Monday	B.Sc I	10:10-11:00	T	T	Introduction	Lecture	07			
02-07-19	Tuesday	B.Sc I	10:10-11:00	T	T	Syllabus dictation	Lecture	08			
03-07-19	Wednesday	B.Sc I	10:10-11:00	T	T	Bacteria structure	Lecture	08	chart		
04-07-19	Thursday	B.Sc II	9:20-10:10	T	T	waterbugs and reproduction	Lecture	06			
		B.Sc II	11-12:40	T	P	syllabus dictation	Lecture	06			
05-07-19	Friday	B.Sc III	9:20-10:00	T	T	syllabus dictation	Lecture	07			
06-07-19	Saturday	B.Sc I	9:20-11:00	T	T	Nutrition and reproduction of Bacteria	Lecture	07	chart		
		B.Sc I	11:00-11:50	T	P	syllabus dictation	Lecture	07			

Signature of the Lecturer _____ Signature of the Department I/C _____ Signature of the Principal _____

Date	Days	Class	Period / Time	Medium	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
13/1	Monday	I MBE MBC III BBE BIBC	2 3	E	T E	specific of eq. conductance 1 law of thermodynamics			B-Bd	chalk	
14/1	Tuesday	III MBE MBC	3	E	T	Heat capacity	Pen		B-B		
15/1	Wednesday	II MBE MBC III BBE BIBC	1 3 4-6	E	T T P	combustion numbers first law of thermodynamics Practicals explanation of methylene carbon			B-B, Interactive B-B	Capacimeter Lab - practical	
16/1	Thursday	II MBE MBC III MBE BIBC	1 4	E	T T	Cp, Cv - relation between them					
17/1	Friday	IMPC II BIC	3 4-6	E	T P	General introduction Practicals			Interactive	Lab - practical	
18/1	Saturday	II MBE BIBC IMPC	1-2 3	E	P T	practicals electrochemistry - ISAAC workshop			AN. JAM, 20	class - stereochemistry	

Signature of the Lecturer

Signature of the Department VC

Signature of the Principal

Date	Days	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
27.8.18	Monday	B2C + B2C	9.20 to 10.10	E-M	Theory	Amphibia: Paedotal case with various examples	Lecture	16	charts	R/Answer	
28.8.18	Tuesday	B2C + B2C M2C	9.20 to 10.10	E-M	Theory Pract	Amphibia: Reproductive system in Rana Specimen	Lecture Demonstr	21 06	charts specimen	R/Answer Disease	
29.8.18	Wednesday	B2C + B2C B2C	8.30 4.00 9.20 10.10	T-M	Pract	Specimen	Demonstr	18	Specimen	Disease	
30.8.18	Thursday	9.20 to 10.10 8.30 B2C	9.20 to 10.10	E-M	Theory Pract	Reptilia: General char phyllum: Reptilia class	Lecture Demonstr	24 12	charts specimen	R/Answer Disease	
31.8.18	Friday	B2C + M2C B2C	9.20 to 10.10 8.30-11.00	Tel	Theory Pract	Reptilia- classification upto orders.	Lecture	28	charts specimen	R/Answer	
01.09.18	Saturday	M2C + B2C	Reptilia 9.20 AM	Tel	Theory	Reptilia: Classification	Lecture	24	B. Board	R/ Answer	

Signature of the Lecturer: *[Signature]* Signature of the Department I/C: *[Signature]* Signature of the Principal: *[Signature]*

Date	Days	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
30.7.18	Monday	B2C B2C	11.40 12.40	Eng	Theory	Dipnoi Fishes & Discontinuous distribution	Lecture	18	charts specimen	R/Answer	
31.7.18	Tuesday	B2C B2C M2C	9.20 10.10 8.30-11.00	Eng	Theory Pract	Significance of Dipnoi Specimen- Amphibia	Lecture Demonstr	22 06	charts specimen	R/Answer	
01.8.18	Wednesday	B2C B2C B2C	9.20 10.10 8.30-11.00	E-M	Theory Pract	General character of Amphibia Specimens: Amphibia	Lecture Observat	28 20	charts specimens	R/Answer Disease	
02.8.18	Thursday	M2C + B2C	9.20 10.10	T-M	Theory	General character of Class Amphibia	Lecture	26	B. Board charts	R/Answer	
03.8.18	Friday	M2C + B2C B2C	9.20 10.10 8.30-11.00	T-M	Theory Eng	General character of class Amphibia specimen	Lecture	28	B. Board chart	R/Answer	
04.8.18	Saturday	B2C M2C B2C	9.20 10.10 8.30-11.00	T-M	Theory Pract	Classification of Amphibia Observation of specimen	Lecture Demonstr	23 18	charts specimen	R/Answer	

Signature of the Lecturer: *[Signature]* Signature of the Department I/C: *[Signature]* Signature of the Principal: *[Signature]*

Date	Days	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks	
2/7/18	Monday	I-SEM M2C E/M V-SEM	10-10.15 11.45 11.55-12.1	E/M	Theory practical	Introduction to invertebrates Lab - carbohydrates	Lecture practical	28 10	Black board chart	Q/A	-	
3/7/18	Tuesday	I-SEM M2C I-SEM B2C	10-10.15 11.45 AM 11.55-12.1	E/M	Theory practical	General characters of protozoa - protozo - slide -	Lecture practical	16 40	B-board slide	Q/A	-	
4/7/18	Wednesday	I-SEM M2C I-SEM B2C/TM	10-10.15 11.45 11-11.32	E/M	Theory Theory	General characters of protozoa Gr. - do -	Lecture	10	B-Board chart	-	-	
5/7/18	Thursday	B2C M2C V-SEM	10-10.15 11.45	E/M	Theory Practical	Classification of protozoa. - Lab - carbohydrates	Lecture	68	B-Board chart	Q/A	-	
6/7/18	Friday	B2C M2C V-SEM	11.10-11.45 11.50-12.1	E/M	Theory practical	General characters of protozoa Carbohydrate	Lecture practical	65 12	B-board chart experiment	Q/A	-	
7/7/18	Saturday	B2C M2C I-SEM	10.10-11.45 11.57-12.1	E/M	Theory Practical	Classification of protozoa	Lecture practical	70 20	slide	-	-	
		Signature of the Lecturer				Signature of the Department VC			Signature of the Principal			

Date	Days	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks	
16-7-18	Monday	B2C-I MPC-3	4 2,3	EM	Theory practical	Lattice energy - solution energy Solubility of ionic solids Demonstration of salt analysis	Lecture Demonstration		PPT		24	
17-7-18	Tuesday	MPC-3 Final year	2 3	EM	-	Lattice energy - solution energy solubility of ionic solids crsc and its calculations for d ⁰ configurations in oh complex	Lecture Lecture		PPT		25	
18-7-18	Wednesday	B2C-I B2C-3	2 3	EM	-	Lattice energy - solution energy solubility of ionic solids crsc and its calculations for d ⁰ configurations in oh complex	Lecture Lecture		PPT		26	
19-7-18	Thursday	B2C-I MPC-3 B2C-3 B2C-3	2 3 4,5	E	- practical	Lattice energy - solution energy solubility of ionic solids Lattice energy - solution energy solubility of ionic solids Kinetic experiments	Lecture Lecture		PPT		27	
20-7-18	Friday	B2C-I B2C-3 B2C-3	2 3 4,5	E	Theory practical practical	Fajan's rule, polarity and polarizability Volumetric analysis Kinetics experiment	Lecture Demonstration Demonstration		PPT		28	
21-7-18	Saturday	B2C-I B2C-3 B2C-3	2,3 4,5	E	practical	Fajan's rule, polarity and polarizability Kinetics experiment	Demonstration Demonstration				29	
		Signature of the Lecturer				Signature of the Department VC			Signature of the Principal			

Name of the College: <u>Kakattya Govt College</u>					Name of the Department: <u>ZOOLOGY</u>								
Name of the Lecturer: <u>Dr. K Gureb</u>					Year: <u>III Sem</u>								
Month	Week	Hours available	Syllabus Topic	Additional Input / Value Addition Provided / taught	Curricular Activity				Co-Curricular Activity				
					Activity Conducted	Hours allotted	Whether conducted	If not, alternate date	Activity Conducted	Hours allotted	Whether conducted	If not, alternate date	
Aug 2018	1 Week		Migration of Fishes, Scuba and Dive in Fishes	Difficult topics of Objective	Assignment		Yes	-	Seminar		Yes	-	-
Aug 2018	2 Week		General character of Amphibia/Class characteristics of class Amphibia	Observation of Spawning Practices	Assignment		Yes	-	Debate		Yes	-	-
Aug 2018	3 Week		Rana Type Study Respectively Examine Reproductive system	Comparison with other classmate	Quiz		Yes	-	Group discussion		Yes	-	-
Aug 2018	4 Week		Present case in Amphibia. General character of Reptilia.	Practical observation of Specimens	Internal Examine		Yes	-	Seminar		Yes	-	-

Signature of the Lecturer: _____ Signature of the Department I/C: _____ Signature of the Principal: _____

Name of the College: <u>KJ Somaiya Institute</u>					Name of the Department: <u>CHEMISTRY</u>								
Name of the Lecturer: <u>Dr. R. Mogli</u>					Year: <u>I year</u>								
Month	Week	Hours available	Syllabus Topic	Additional Input / Value Addition Provided / taught	Curricular Activity				Co-Curricular Activity				
					Activity Conducted	Hours allotted	Whether conducted	If not, alternate date	Activity Conducted	Hours allotted	Whether conducted	If not, alternate date	
Sept	1 Week		Molecular orbital theory modes of overlapping concept of σ and π bond		Assignment 1	1	Yes		Group discussion	1	Yes		
Sept	2 Week		Criteria for orbital overlap, LCAO method		Slip test	1	Yes		Internal quiz	1	Yes		
Sept	3 Week		Bonding antibonding MOs of $H_2, H_2O, O_2, O_2^+, O_2^-$		Slip test	1	Yes		Interactive class	1	Yes		
Sept	4 Week		MOs of CO, NO, NO^+, NO^- and order stability.		Assignment 1	1	Yes		Internal quiz	1	Yes		

Signature of the Lecturer: _____ Signature of the Department I/C: _____ Signature of the Principal: _____

Date	Days	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted
24/7/13	Monday	B.2.C D. yr	3	T.M	Theory	Aquaculture Systems	Lecture method		Blackboard & chalk ppt	Yes
25/7/13	Tuesday	B.2.C D. yr	3	T.M	Theory	Cibas Jan Hatchery	Lecture method		Blackboard & chalk ppt	Yes
26/7/13	Wednesday	B.2.C D. yr	3	T.M	Theory	Chinese Hatchery	Lecture method		Blackboard & chalk ppt	Yes
27/7/13	Thursday	B.2.C D. yr	3	T.M	Theory	Nursery pond management	Lecture method		Blackboard & chalk ppt	Yes
28/7/13	Friday	B.2.C D. yr	2	T.M	Theory	Rearing pond management	Lecture method		Blackboard & chalk ppt	Yes
29/7/13	Saturday	-	-	-	-	National Seminar conducted by Dept of Library	-	-	-	-

Signature of the Lecturer _____ Signature of the Department VC _____ Signature of the Principal _____

Date	Days	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
11-12-13	Monday	III	3	7M	Theory	Coordination compounds	Dr. B.R.A.O. practical	exams	Chemistry 10 paper		
12-12-13	Tuesday					C.L.					
13-12-13	Wednesday	III	1 3 4-6	5M 7M 8M	Theory Theory Practical	Polymer chemistry Coordination compounds Distribution law	Interactive		Ex 6W Colo of H ₂ O		
14-12-13	Thursday	III	1 4-6	8M 8M	Theory Practical	Polymer chemistry K ₂ S ₂ O ₈ + KI reactions.					
15-12-13	Friday	I	4-6	5M	Practical	I, B, III sem KV Examinations K ₂ S ₂ O ₈ + K ₂ reactions					
16-12-13	Saturday	I	4 4-6	5M 7M	Practical Theoretical	KV Exams Kinetics - Hydrolysis of Methyl orange	I & II sem				

Signature of the Lecturer _____ Signature of the Department VC _____ Signature of the Principal _____

April-2018:

Date	Days	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks	
02/4/18	Monday	B.Sc II	-	TM	Theory practical	- No students - attended class	-	-	-	-	-	
03/4/18	Tuesday	B.Sc-II	IV	TM	Theory	Complex Protein system and phloem	Lecture	05	Black Board	assign- ment		
04/4/18	Wednesday	B.Sc-II	IV	TM	Theory	Secondary tissues	Lecture	08	Black board	assignment		
5/4/18	Thursday	-	-	-	-	RJR Jayashree Haldang	-	-	-	-	-	
6/4/18	Friday	B.Sc-II B.Sc-I	IV VI	TM EM	Theory Theory	primary / Secondary growth in Dicotyledonous Students are Absent	Lecture -	8 -	Blackboard	discussion		
8/4/18	Saturday	B.Sc-II B.Sc-I	IV VI	TM EM	Theory Theory	wood structure covered Dietary Council seminar	Lecture	11	Black board	discussion		
Signature of the Lecturer			Signature of the Department VC				Signature of the Principal					

Date	Days	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks	
11.9.17	Monday	B.Sc I	10.50 11.10	TM	T	plant body, cell structure Prokaryotes (Algae)	Lecture	35	chart			
12.09.17	Tuesday	B.Sc I	10.00 12.30	E.M	P	Albugo, mucor, saccharomyces	Lab Demo	36	microscope chart,	slightly class,		
13.09.17	Wednesday	B.Sc I	10.50 11.40	TM	T	pigments, nutrition Dietary Food Micro	Lecture	32	chart			
14.09.17	Thursday	B.Sc I	10.00 12.30	TM	P	Albugo, mucor, saccha- romyces. (Fungi)	Lab Demo	35	microscope chart	observation of slightly		
15.9.17	Friday	B.Sc I	1.50 2.40	TM	Theory	Reproduction and life cycle of algae	Lecture	32	chart			
16.9.17	Saturday	B.Sc I	1.50 2.40	TM	Theory	vegetative characters and reproduction of volvox.	Lecture	35	chart			
Signature of the Lecturer			Signature of the Department VC				Signature of the Principal					

TEACHING PLAN

KAKATIYA GOVERNMENT COLLEGE
HANAMKONDA, DIST. WARANGAL.

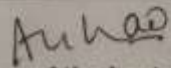


TEACHING PLAN

Academic Year : 1920-21

Name: A. Ramana Rao

Subject: Botany College Code No. 006

Name of the Department / Subject :	Botany
Name of the Lecturer :	A. Ramana Rao
Course :	B.Sc
Paper :	I
Name of the Topic :	Cyanobacteria as Bio-fertilizer (Nostoc, Oscillatoria, Anabaena)
Hours required :	02
Learning Objectivities :	Structure of Blue Green Algae
Previous Knowledge to be reminded :	General character of BGA
Topic Synopsis :	(Continue on the reverse side if needed) Oscillatoria is a freshwater blue green Algae occurring in fresh water ponds and pools. It is unbranched filamentary Alga. Cells are broader than long. chl-a, carotene - phycoerythrin and c. phycoyanine are present. Reproduction through fragmentation and hormogonia.
Examples / Illustrations :	Gleocapsa, Stigonema, Scytonema
Additional inputs :	Blue Green Algae by SEP
Teaching Aids used :	chart
References cited :	A.V.S.S. Sambamurthy, Telugu Academy
Student activity planned after the teaching :	Identify Algae at your
Activity planned outside the Class Room, if any :	Locality
Any other activity :	
	 Signature of the Lecturer

KAKATIYA GOVERNMENT COLLEGE
HANAMKONDA, DIST. WARANGAL.



TEACHING PLAN

Academic Year : 2020-2021

Name : Dr. B. Vijaya Reddy

Subject : Botany College Code No. _____

Name of the Department / Subject :

Botany

Name of the Lecturer :

Dr. S. VITAJ SRI KONDY

Course :

III BSC (B-2-C) TM

Paper :

B

Name of the Topic :

Nucleic Acids (DNA, RNA)

Hours required :

2 hrs

Learning Objectivities :

Understand, identification.

Previous Knowledge to be reminded :

By asking questions.

Topic Synopsis :

(Continue on the reverse side if needed)

Nucleic acids were discovered by a series of scientist J-Frederick mciscoen
Atman coined the term 'Nucleic acid'

Nucleic acids are of two types.

DNA: Deoxy ribonucleic acid

RNA: Ribonucleic acid

Examples / illustrations :

Animals, plants, virus, bacteria
mycoplasma.

Additional inputs :

Teaching Aids used :

Black-board, chart

References cited :

P.S. Venug, Telugu academy

Student activity planned after the teaching :

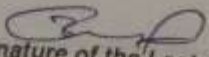
Given to assignment

Activity planned outside the Class Room, if any :

-

Any other activity :

-


Signature of the Lecturer

KAKATIYA GOVERNMENT COLLEGE

HANAMKONDA, DIST. WARANGAL.



TEACHING PLAN

Academic Year : 2019-20

Name : A. RAMANA RAO

Subject : BOTANY College Code No. 006

Name of the Department / Subject :	Botany
Name of the Lecturer :	A. Ramana Rao
Course :	B. Sc
Paper :	I
Name of the Topic :	Bacteria
Hours required :	04
Learning Objectivities :	Structure, Nutrition and reproduction of Bacteria
Previous Knowledge to be reminded :	General characters of Virus

Topic Synopsis : (Continue on the reverse side if needed)

Bacteria are microscopic prokaryotic unicellular organisms usually without chlorophyll. Antony van Leeuwenhoek was first to discover bacteria in 1675. He described them as tiny animalcules. Robert Koch proved that bacteria can cause disease in animals and humans. On the basis of their form bacteria

Examples / illustrations :	Staphylococcus bacteria.
Additional inputs :	pleomorphic Bacteria
Teaching Aids used :	chart
References cited :	B. P. Pandey.
Student activity planned after the teaching :	Prepare table of
Activity planned outside the Class Room, if any :	Bacterial disease
Any other activity :	prepare chart of classification of Bacteria

KAKATIYA GOVERNMENT COLLEGE

HANAMKONDA, DIST. WARANGAL.



TEACHING PLAN

Academic Year : 2019-20

Name : Dr. K. OMKAR

Subject: Botany College Code No. 006

Name of the Department / Subject : Botany

Name of the Lecturer : Dr. K. OMKAR

Course :

Paper : Cell Biology and Genetics - paper - V

Name of the Topic :

'Cell Biology'

Hours required : 8 hours

Learning Objectivities : Knowledge, Skill, Understanding

Previous Knowledge to be reminded : 10+2 Botany,

Topic Synopsis :

(Continue on the reverse side if needed)

cell - cell is the structural and functional unit of living organisms.

- Robert Hooke first described the presence of cell

- cells are two types - Prokaryotic cells
Eukaryotic cells

- Structure of plant cell - cell wall
plasma membrane
cytoplasm ...
nucleus

Examples / illustrations : Prokaryotic cell - Bacteria
Eukaryotic cell - plant cell

Additional inputs : 10+2 Botany ;

Teaching Aids used : PPT's, charts, models

References cited : Telugusteademy publishers; Vikas publications

Student activity planned after the teaching : Diagrams, Notes

Activity planned outside the Class Room, if any : Prepare a model - plant cell

Any other activity : collect different types of cell structure from internet

10/10/21

KAKATIYA GOVERNMENT COLLEGE

HANAMKONDA, Dist. WARANGAL.



TEACHING PLAN

Academic Year 2019-20

Name Dr. B. Vijayapal Reddy

Subject BOTANY College Code No. 006

Name of the Department / Subject: BOTANY

Name of the Lecturer: Dr. S. VITAYAPPA Reddy

Course: IV (BSC B-2-C) TLM

Paper: V SEM

Name of the Topic: Introduction
of
Cytology

Hours required: 1 1/2

Learning Objectivities: Structure of cell, organelles

Previous Knowledge to be reminded: by questions

Topic Synopsis :

(Continue on the revers side if needed)

The branch of biology with the structure and function of plant and animal cells. Brief discussion about the history of cytology. It deals with the structure, function and chemistry of cell cells and functional units of living things.

Examples / illustrations: What is cytology? What is the plant cytology, human cytology, cytology test.

Additional inputs: —

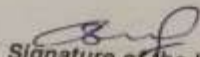
Teaching Aids used: Model of cell structure, Chart, Slides

References cited: A.L. Sharma, H.R. Singh, P.C. Verma

Student activity planned after the teaching: Given assignment, questions

Activity planned outside the Class Room, if any:

Any other activity:


Signature of the Lecturer

KAKATIYA GOVERNMENT COLLEGE

HANAMKONDA, Dist. WARANGAL.



TEACHING PLAN

Academic Year : 2018-2019

Name : P. Nouraja

Subject : Botany College Code No. _____

Name of the Department / Subject : Botany

Name of the Lecturer : P. Neeraja

Course : III BSc

Paper : V Semester

Name of the Topic : Garden implements and their uses.

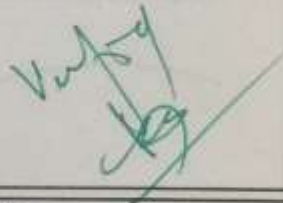
Hours required : one

Learning Objectivities : To understand the requirements

Previous Knowledge to be reminded :

Topic Synopsis : different tools and implements (Continue on the reverse side if needed)

1. Rake , 2. Hoe 3. Spade 4. Trowel 5. Digger
6. Pick-axe 7. Shade-net 8. glass House ,
9. Mist Chamber .



Examples / illustrations : Black board demonstration

Additional inputs : Tools, exhibit

Teaching Aids used : Charts, and diagrams.

References cited : Horticultural practices

Student activity planned after the teaching : garden done

Activity planned outside the Class Room, if any : To study use in horticulture

Any other activity : visit to nearby field.

Signature of the Lecturer

KAKATIYA GOVERNMENT COLLEGE
HANAMKONDA, Dist. WARANGAL.



TEACHING PLAN

Academic Year : 2018-2019

Name : K. Buchalak

Subject : Botany College Code No. _____

DT. 16/7/2018

Name of the Department / Subject :

Botany

Name of the Lecturer :

R. Buchanah.

Course :

B.Z.C-II T/M

Paper :

Semester - II

Name of the Topic :

Traditional Medicine.

Hours required :

15 hours

Learning Objectivities :

Importance and uses of M-plants.

Previous Knowledge to be reminded :

Topic Synopsis :

(Continue on the reverse side if needed)

- Traditional Medicinal Botany and Modern - medicine.
- Pharmacognosy & its role in hemantibiotic.
- plant crude drugs and types of collection.

Examples / Illustrations :

One plant @ max.

Additional inputs :

Extra 80 formulas @ max.

Teaching Aids used :

One plants.

References cited :

Ayurvedic books.

Student activity planned after the teaching :

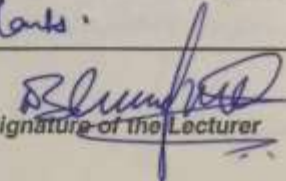
collection of medicinal plants.

Activity planned outside the Class Room, if any :

Observed medicinal plants.

Any other activity :

Collection of related plants.


Signature of the Lecturer

KAKATIYA GOVERNMENT COLLEGE

HANAMKONDA, Dist. WARANGAL.



TEACHING PLAN

Academic Year : 2018 - 2019

Name : DR. M. RAMBABU

Subject : BOTANY College Code No. 006

Name of the Department / Subject: BOTANY

Name of the Lecturer: Dr. M. Rambabu.

Course: B.Sc. B2C - E.M.

Paper: I - Sem - I.

Name of the Topic: Archaeobacteria

Hours required: 01

Learning Objectivities: diseased materials.

Previous Knowledge to be reminded: Reminded Previous Intermediat- syllabus.

Topic Synopsis :

(Continue on the revers side if needed)

- 1) Archaeobacteria are the oldest living organisms on the earth.
- 2) These are obligate, anaerobes i.e. they live only without oxygen.
- 3) They are microscopic and prokaryotes - size is 0.1-15 μ m.
- 4) Shapes - Spherical (Coccus), Rod shaped (Bacillus), spiral etc.
- 5) These are live at extreme habitats so, called as extremophils.
- 6) Structure: - rigid, thick cell wall followed by peritricular S-layer.
- 7) DNA - A single circular DNA is present and no membrane bound organelles, flagella are there.
- 8) Reproduction: Binary fission, budding, fragmentation etc.

Examples / illustrations: Bacteria

Additional inputs: Added by samples.

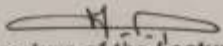
Teaching Aids used: Chart and Black board.

References cited: Text book.

Student activity planned after the teaching: once recollectd.

Activity planned outside the Class Room, if any: once reading.

Any other activity: planned for slip test.


Signature of the Lecturer

KAKATIYA GOVERNMENT COLLEGE

HANAMKONDA, Dist. WARANGAL.



TEACHING PLAN

Academic Year : 2018-19

Name : Dr. B. VISAYA PAL REDDY

Subject : LOTAWY College Code No. 006

Name of the Department / Subject : BOTANY

Name of the Lecturer : DR. B. VITAYA PAL KEDDY

Course : BSC B.2.C

Paper : III (V SEM)

Name of the Topic : Introduction to Cytology

Hours required : $1\frac{1}{2}$ hrs

Learning Objectivities : Structure of cell, organelles.

Previous Knowledge to be reminded : by questions

Topic Synopsis :

(Continue on the revers side if needed)

The branch of biology with the structure and function of plant and animal cells. Brief discussion about the history of cytology. It deals with the structure, function and chemistry of cell, cells as functional units of living things

Examples / Illustrations : What is cytology? What is the plant cytology, human cytology, cytology test?

Additional inputs : —

Teaching Aids used : Model of cell structure, chart, Blackboard

References cited : A.S. Sharma, H.N. Singh, P.S. Verma

Student activity planned after the teaching : given assignment, Questions.

Activity planned outside the Class Room, if any : —

Any other activity : —

KAKATIYA GOVERNMENT COLLEGE

HANAMKONDA, Dist. WARANGAL.



TEACHING PLAN

Academic Year : 2018-19

Name : Dr. K. OMKAR.

Subject : Botany College Code No. _____

Name of the Department / Subject : Botany

Name of the Lecturer : Dr. K. ANKAR

Course : III BZC & BT(DIP)

Paper : VII plant physiology

Name of the Topic : plant - water relations

Hours required : 07 hours

Learning Objectivities : Knowledge, Understanding, skill, Observation

Previous Knowledge to be reminded : 10+2 Botany by motivation, asking questions

Topic Synopsis : plant - water relations (Continue on the reverse side if needed)

- Importance of water to plant life
- properties of water
- Diffusion, Imbibition and Osmosis
- water potential, Osmotic and pressure potential
- Absorption and transportation of water
- Ascent of Sap
- Transpiration
- Stomatal structure and movement

Examples / illustrations : Role of water for existence of life
Role of imbibition in germination of seeds, Role of Osmosis in conduction of water, illustration of Transpiration experiment

Additional inputs : Role of Stomata in water evaporation, Water cycle,

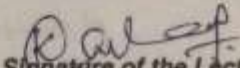
Teaching Aids used : PPT, Chalk, Board

References cited : Introduction to physiology - Hopkins, Telugu Academy

Student activity planned after the teaching : Observe the diffusion, osmosis in laboratory

Activity planned outside the Class Room, if any : observe the diffusion, osmosis, imbibition

Any other activity : in your daily life/activities and note down with examples.


Signature of the Lecturer

KAKATIYA GOVERNMENT COLLEGE

HANAMKONDA, Dist. WARANGAL.



TEACHING PLAN

Academic Year : 2018-19

Name : A. RAMANA RAO

Subject : BOTANY College Code No. _____

Name of the Department / Subject : Botany

Name of the Lecturer : A. Ramana Rao

Course : B.sc

Paper : I

Name of the Topic : Archaeobacteria and Actinomyces

Hours required : 04

Learning Objectivities : General Chemistry of Archaeobacteria and

Previous Knowledge to be reminded : Actinomyces classification & microscopy.

Topic Synopsis : *(Continue on the reverse side if needed)*

Archibacteria are the oldest organisms living on earth. They were first discovered in 1977 by Carl Woese and George E. Fox and classified as Bacteria. The microbes which live in high temperature and produce methane are clustered together as a group and were called Archaeobacteria. They

Examples / Illustrations : Sulfobolus, Halococcus, Streptomyces

Additional inputs : Use of microscopy in Industry

Teaching Aids used : Microscope chart

References cited : B. P. Pandey, Diversity of Microbes

Student activity planned after the teaching : Group discussion

Activity planned outside the Class Room, if any : Collected pond water

Any other activity : and observe the microbes under microscope

A. Ramana Rao
Signature of the Lecturer

Name of the Department / Subject : Botany

Name of the Lecturer : K. Latha

Course : B.Sc B2C III 4v

Paper : III

Name of the Topic : cell Biology Fertilization.

Hours required : 1 Hour.

Learning Objectivities :

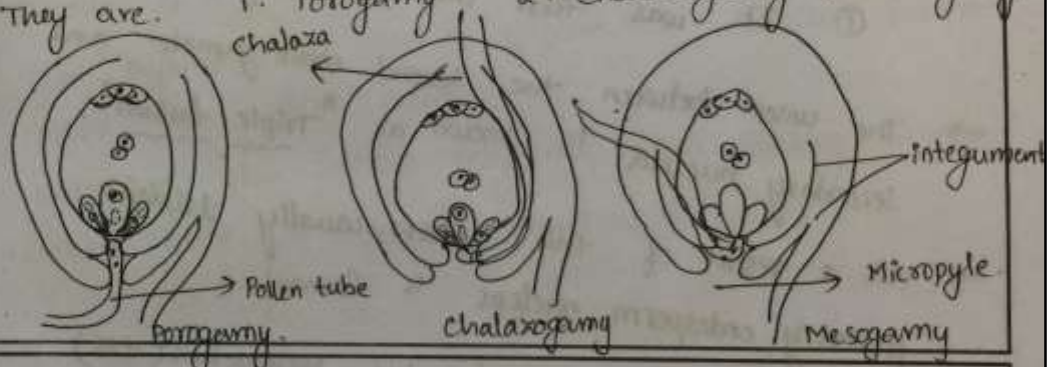
Previous Knowledge to be reminded :

Topic Synopsils :

(Continue on the revers side if needed)

— The pollen tube enters the ovule in various ways.

They are. 1. Porogamy 2. Chalazogamy 3. Mesogamy.



Examples / Illustrations :

Additional inputs :

Teaching Aids used : Charts

References cited : Telugu academy text book.

Student activity planned after the teaching :

Activity planned outside the Class Room, if any :

Any other activity :

K.L.
Signature of the Lecturer

KAKATIYA GOVERNMENT COLLEGE

HANAMKONDA, Dist. WARANGAL.



TEACHING PLAN

Academic Year : 2016-17

Dr. D.V. LAXMI SATYAVATHI
M.Sc., M.Ed., Ph.D.
READER IN BOTANY,
KGC, HANAMKONDA.

Name : Dr. D.V. Laxmi Satyavathi

Subject : Botany College Code No. _____

PLANT EMBRYOLOGY

Name of the Department / Subject :

BOTANY

Name of the Lecturer :

Course :

Paper :

Name of the Topic : Introduction to plant Embryology

Hours required : 2 hrs

Learning Objectivities : Introducing the students the terminology of embryology - History - present trends

Previous Knowledge to be reminded :

Topic Synopsis :

(Continue on the reverse side if needed)

Plant embryology deals with the micro & mesospermatophyte development and organization of male & female gametophyte and the formation of endosperm, embryo and seed.

In the year 1898 Nawaschin made an discovery of double fertilisation.

- It explains the i) conventional embryology
ii) experimental embryology.

Examples / illustrations : Diagram of flower, Anther, Gynoecium

Additional inputs : Seminar - Assignment on the structure of anther and Gynoecium.

Teaching Aids used : Films, filmstrips, photographs, models

References cited : Angiosperm embryology by Bhojwani and Bhatnagar

Student activity planned after the teaching : create the model of anther

Activity planned outside the Class Room, if any : sharing the skills, creation

Any other activity : with classmate.

Signature of the Lecturer

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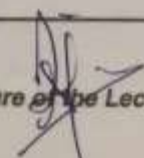


TEACHING PLAN

Academic Year : *2016-2017*

Name : *P. Neeraja*

Subject : *Botany* College Code No. _____

Name of the Department / Subject :	Botany
Name of the Lecturer :	P. Neeja
Course :	III B.Sc
Paper :	III paper
Name of the Topic :	Threats to Biodiversity
Hours required :	4 hours
Learning Objectivities :	Causes of extinction
Previous Knowledge to be reminded :	
Topic Synopsis :	<p>జీవ వైవిధ్యానికి మించిపు విప్రమాదం (Continue on the revers side if needed)</p> <ul style="list-style-type: none"> - ప్రకృతిలో సహజంగా ఉత్పన్నమైన మూలకాల వల్ల కలిగి జాతుల అపొక్తి - మరణించే జాతుల ఉద్భవించాయి. - జీవ వైవిధ్యం కోల్పోవడం వల్ల కలిగి ఉన్న ప్రమాదం. - జీవ జాతులలోని వైవిధ్యం అపొక్తి కారణం ముఖ్యం <p>విలక్షణతలు ఇలాంటివి:-</p> <ol style="list-style-type: none"> 1. ఉపజాతి అపొక్తి, 2. పర్యావరణం మార్పు, 3. ప్రకృతి వలన 4. మానవ ప్రభావిత చర్యలు.
Examples / illustrations :	given
Additional inputs :	
Teaching Aids used :	Black board, diagrams
References cited :	Endemic, Endangered species
Student activity planned after the teaching :	Seminar
Activity planned outside the Class Room, if any :	field study
Any other activity :	Assignment
Signature of the Lecturer 	

KAKATIYA GOVERNMENT COLLEGE
HANAMKONDA, Dist. WARANGAL.



TEACHING PLAN

Academic Year : 2016-17

Name : K. Latha

Subject : Botany College Code No. 006

KAKATIYA GOVERNMENT COLLEGE

HANAMKONDA, Dist. WARANGAL.



TEACHING PLAN

Academic Year : 2016-17

Dr. D.V. LAXMI SATYAVATHI
M.Sc., M.Ed., Ph.D.
READER IN BOTANY,
KGC, HANAMKONDA.

Name : Dr. D.V. Laxmi Satyavathi

Subject : Botany College Code No. _____

PLANT EMBRYOLOGY

Name of the Department / Subject :

BOTANY

Name of the Lecturer :

Course :

Paper :

Name of the Topic : Introduction to Plant Embryology

Hours required : 2 hrs

Learning Objectivities : Introducing the students the terminology of embryology - History - present trends

Previous Knowledge to be reminded :

Topic Synopsis :

(Continue on the reverse side if needed)

Plant embryology deals with the micro & mesosporophyll development and organization of male & female gametophyte and the formation of endosperm, embryo and seed.

In the year 1898 Nawaschin made an discovery of double fertilisation.

It explains (i) conventional embryology
(ii) experimental embryology.

Examples / illustrations : Diagram of flower, Anther, Gynoecium

Additional inputs : Seminar - Assignment on the structure of anther and Gynoecium

Teaching Aids used : Films, filmstrips, photographs, models

References cited : Angiosperm embryology by Bhojwani and Bhatnagar

Student activity planned after the teaching : create the model of anther

Activity planned outside the Class Room, if any : sharing the skills, creation

Any other activity : with classmate

Signature of the Lecturer

KAKATIYA GOVERNMENT COLLEGE
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TEACHING PLAN

Academic Year : *2016-2017*

Name : *P. Neeraja*

Subject : *Botany* College Code No. _____

Name of the Department / Subject :	Botany
Name of the Lecturer :	P. Neeja
Course :	III B.Sc
Paper :	III paper
Name of the Topic :	Threats to Biodiversity
Hours required :	4 hours
Learning Objectivities :	Causes of extinction
Previous Knowledge to be reminded :	
Topic Synopsis :	<p>జీవ వైవిధ్యానికి మించిపు విప్రమాదం (Continue on the revers side if needed)</p> <ul style="list-style-type: none"> - ప్రకృతిలో సహజంగా ఉన్న మామూలు వల్ల కలిగి జాతులు కాలక్రమే నశించిపోతుంటాయి. - జీవ వైవిధ్యం కోల్పోవడం ప్రమాదకరం. - జీవ జాతులలోని కేంద్రాన్ని ఆపాడుకోవడం ముఖ్యం. <p>విలక్షణతలు :-</p> <ol style="list-style-type: none"> 1. ఉపజాతి నశింపు, 2. పర్యావరణ మార్పు, 3. ప్రకృతి వలన, 4. మానవ ప్రభావిత చర్యలు.
Examples / illustrations :	given
Additional inputs :	
Teaching Aids used :	Black board, diagrams
References cited :	Endemic, Endangered species
Student activity planned after the teaching :	Seminar
Activity planned outside the Class Room, if any :	field study
Any other activity :	Assignment
	Signature of the Lecturer

KAKATIYA GOVERNMENT COLLEGE
HANAMKONDA, Dist. WARANGAL.



TEACHING PLAN

Academic Year : 2016-17

Name : K. Latha

Subject : Botany College Code No. 006

Name of the Department / Subject : Botany

Name of the Lecturer : K. Latha

Course : B.Sc B2C III 4v

Paper : III

Name of the Topic : cell Biology Fertilization.

Hours required : 1 Hour.

Learning Objectivities :

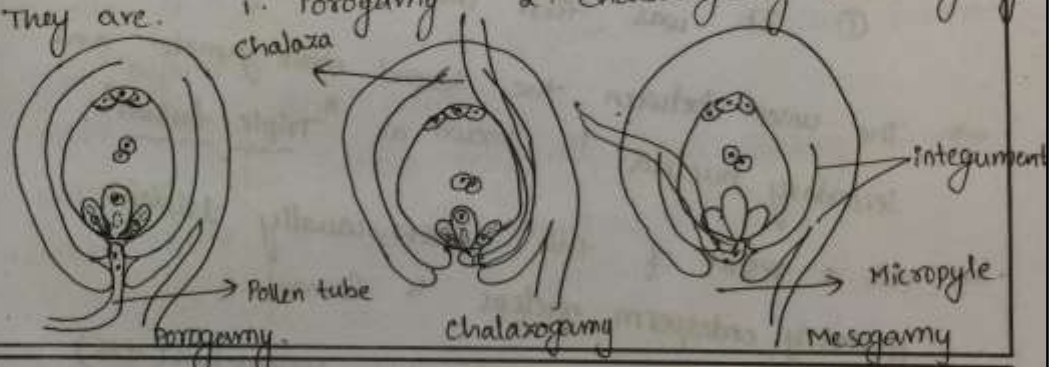
Previous Knowledge to be reminded :

Topic Synopsils :

(Continue on the revers side if needed)

— The pollen tube enters the ovule in various ways.

They are. 1. Porogamy 2. Chalazogamy 3. Mesogamy.



Examples / Illustrations :

Additional inputs :

Teaching Aids used : Charts

References cited : Telugu academy text book.

Student activity planned after the teaching :

Activity planned outside the Class Room, if any :

Any other activity :

Kly
Signature of the Lecturer