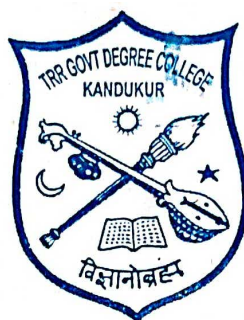


**T.R.R. GOVERNMENT DEGREE COLLEGE
KANDUKUR**



1.1.1: Effective Curricular Planning and Delivery

Teaching Diaries



T.R.R. GOVT. DEGREE COLLEGE, KANDUKUR

KANDUKUR - 523 105, 08598 - 223546

NAAC ACCREDITED B

2018 - 2019

TEACHING DIARY

Name of the Lecturer Ch. Suresh Kumar Department Mathematics

2018 - 2019

July - 2018

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2018 - 2019

Name of the Department / Subject : Mathematics / Paper - III & VI

Name of the Lecturer : Ch. Suresh Kumar

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remark
01.	01-07-18	SUN					Sunday					
02.	02-07-18	MON	II B-X	2	T & E	Th	Cancellation laws in a group	Lecture	20	Smart Board	Interaction	
03.	03-07-18	TUE	II B-X	2	T & E	Th	Composition tables	Lecture	18	Charts	Interaction	
			III B-X (MPC)	4/5/6	T & E	Th	problem Solving sessions	Lecture	06	Smart Board	Interactions	
04.	04-07-18	WED	II B-X	2	T & E	Th	Addition modulo 'm'	Lecture	19	Smart Board	Interaction	
			III B-X (MPC)	4/5/6	T & E	Th	problem Solving sessions	Lecture	13	Smart Board	Interaction	
05.	05-07-18	THU	III B-X	1	T & E	Th	Elementary transformations	Lecture	21	Smart Board	Interaction	
			II B-X	2	T & E	Th	Multiplication modulo 'p'	Lecture	23	Smart Board	Interaction	
			II B-X (MPC)	5/6	T & E	Th	problem Solving sessions	Lecture	14	Smart Board	Interaction	
06.	06-07-18	FRI	III B-X	2	T & E	Th	Rank of a Matrix	Lecture	18	Charts	Interaction	
			II B-X (MPC)	5/6	T & E	Th	problem Solving sessions	Lecture	11	Smart Board	Interaction	
07.	07-07-18	SAT	II B-X	2	T & E	Th	Echelon form of a Matrix	Lecture	19	Smart Board	Interaction	

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2018-2019

Name of the Department / Subject : Mathematics / Paper - III & VI

Name of the Lecturer : Ch Suresh Kumar

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
08.	08-07-18	SUN					Sunday					
09.	09-07-18	MON	II BSC	2	T P E	Th	Order of a Group	Lecture	22	Smart Board	Interaction	
10.	10-07-18	TUE	II BSC	2	T P E	Th	Order of an element in a group	Lecture	21	Charts	Interaction	
			III BSC (MPES)	4 5 6	T P E	Th	problem Solving sessions	Lecture	05	Smart Board	Interaction	
11.	11-07-18	WED	II BSC	2	T P E	Th	problems on order of an element in a group	Lecture	20	Smart Board	Interaction	
			III BSC (MPES)	4 5 6	T P E	Th	problem Solving sessions	Lecture	16	Smart Board	Interaction	
12.	12-07-18	THU	III BSC	1	T P E	Th	problems on Rank of a Matrix	Lecture	21	Smart Board	Interaction	
			II BSC	2	T P E	Th	Subgroups - Introduction	Lecture	23	Charts	Interaction	
							Half Day CL on the A.N					
13.	13-07-18	FRI	III BSC	2	T P E	Th	Inverse of Matrices by using Elementary transformations	Lecture	19	Smart Board	Interaction	
			II BSC (MPES)	5 6	T P E	Th	problem Solving sessions	Lecture	10	Smart Board	Interaction	
14.	14-07-18	SAT					2nd Saturday					
15.	15-07-18	SUN					Sunday					

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2018 - 2019

Name of the Department / Subject : Mathematics / Paper - III & IV

Name of the Lecturer : Ch. Suresh Kumar

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
16.	16-07-18	MON	II B.Sc	2	T P E	Th	Complex	Lecture	21	Charts	Interaction	
17.	17-07-18	TUE	II B.Sc	2	T P E	Th	Theorems on Subgroups	Lecture	20	Smart Board	Interaction	
			III B.Sc (MPC)	4 5 6	T P E	Th	problem solving sessions	Lecture	05	Smart Board	Interaction	
18.	18-07-18	WED	II B.Sc	2	T P E	Th	Theorems on Subgroups	Lecture	22	Smart Board	Interaction	
			III B.Sc (MPC)	4 5 6	T P E	Th	problem solving sessions	Lecture	13	Smart Board	Interaction	
19.	19-07-18	THU	III B.Sc	1	T P E	Th	Normal form of a Matrix	Lecture	18	Smart Board	Interaction	
			II B.Sc	2	T P E	Th	Assignment					
			II B.Sc (MPC)	5 6	T P E	Th	problem solving sessions	Lecture	12	Smart Board	Interaction	
20.	20-07-18	FRI	III B.Sc	2	T P E	Th	To find non-singular matrices P & Q such that PAQ is in normal form	Lecture	19	Charts	Interaction	
			II B.Sc (MPC)	5 6	T P E	Th	problem solving sessions	Lecture	11	Smart Board	Interaction	
21.	21-07-18	SAT					CL					
22.	22-07-18	SUN					Sunday					

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2018 - 2019

Name of the Department / Subject : Mathematics / Paper - III & VI

Name of the Lecturer : Ch. Suresh Kumar

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Studnets attended	Teaching Aids used	Student Activity conducted	Remarks
23.	23-07-18	MON	II BSC	2	T & E	Th	problems on subgroups	Lecture	18	Smart Board	Interaction	
24.	24-07-18	TUE					classes suspended due to Bandh					
25.	25-07-18	WED	II BSC	2	T & E	Th	Theorems on sub groups	Lecture	19	Charts	Interaction	
			III BSC (MPC)	4 5 6	T & E	Th	problem Solving sessions	Lecture	16	Smart Board	Interaction	
26.	From 26-07-18 To 30-07-18	THU MON					(O.D) Observer's Duty for ANU-B-Ed Examinations at GC&YPNDC, Kanigiri					
27.	31-07-18	TUE	2	T & E	II BSC	Th	Intersection of two subgroups	Lecture	21	Smart Board	Interaction	
			4 5 6	T & E	III BSC (MPC)	Th	problem Solving sessions	Lecture	06	Smart Board	Interaction	
Ch. Suresh Kumar Ch. Suresh Kumar LECTURER IN MATHEMATICS T.R.R. Govt Degree College NAAC Accredited B KANDUKUR - Prakasam Dist.A.P. Principal T.R.R. GOVT. DEGREE COLLEGE NAAC Accredited B KANDUKUR - Prakasam Dist.A.P.												

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2018 - 2019

Name of the Department / Subject : Mathematics / Paper - III & VI

Name of the Lecturer : Ch. Suresh Kumar

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
16.	16-08-18	THU	III B.S.C	1	T & E	Th	Cayley-Hamilton theorem	Lecture	21	Smart Board	Interaction	
			II B.S.C	2	T & E	Th	Properties Normal subgroups	Lecture	19	Smart Board	Interaction	
			II B.S.C (MPC)	5 & 6	T & E	Th	problem Solving sessions	Lecture	11	Smart Board	Interaction	
17.	17-08-18	FRI	III B.S.C	2	T & E	Th	Inner product spaces	Lecture	18	Smart Board	Interaction	
			II B.S.C (MPC)	5 & 6	T & E	Th	problem Solving sessions	Lecture	08	Smart Board	Interaction	
18.	18-08-18	SAT	III B.S.C	2	T & E	Th	Cauchy-Schwarz inequality	Lecture	21	Smart Board	Interaction	
							Half Day C.L on the A.N					
19.	19-08-18	SUN					sunday					
20.	20-08-18	MON	II B.S.C	2	T & E	Th	Theorems on Normal subgroups	Lecture	23	Smart Board	Interaction	
21.	21-08-18	TUE	II B.S.C	2	T & E	Th	Quotient group	Lecture	21	Smart Board	Interaction	
			III B.S.C (MPC)	4 & 6	T & E	Th	problem Solving sessions	Lecture	04	Smart Board	Interaction	
22.	22-08-18	WED					Bakrid					

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2018 - 2019

Name of the Department / Subject : Mathematics / Paper - III & IV

Name of the Lecturer : Ch. Suresh Kumar

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remark
23	23-08-18	THU	III BSC	1	T	Th	Orthogonal Vectors	Lecture	20	Smart Board	Interaction	
			II BSC	2	T	Th	Normalizer of an element & Centre of a group	Lecture	19	Smart Board	Interaction	
			II BSC (MPC)	5	T	Th	problem Solving Sessions	Lecture	11	Smart Board	Interaction	
				6	E							
24	24-08-18	FRI					Varalakshmi Vratam (O.H)					
25	25-08-18	SAT	II BSC	2	T	Th	Orthonormal Vectors	Lecture	18	Smart Board	Interaction	
26	26-08-18	SUN					Sunday					
27	27-08-18	MON	II BSC	2	T	Th	Homomorphism	Lecture	19	Smart Board	Interaction	
28	28-08-18	TUE	II BSC	2	T	Th	Isomorphism	Lecture	21	Smart Board	Interaction	
			III BSC (MPC)	4	T	Th	problem Solving Sessions	Lecture	06	Smart Board	Interaction	
29	29-08-18	WED	I, II & III BSC	2	T	Th	Guest Lecture	Lecture	57	Smart Board	Interaction	

PROFORMA FOR TEACHING DIARY : 2018 - 2019

Name of the Lecturer : Ch. Suresh Kumar

PRINCIPAL
T.R.P. GOVT. DEGREE COLLEGE
NAAC Accredited B
KANDUKUR-523 105, Prakasam Dt

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2018 - 2019

Name of the Department / Subject : Mathematics / Paper - III & VI

Name of the Lecturer : Ch. Suresh Kumar

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remark
10.	10-09-18	MON	II BSC	2	T & E	Th	Fundamental theorem on Homomorphism of groups	Lecture	25	Smart Board	Interaction	
11.	11-09-18	TUE	II BSC	2	T & E	Th	Automorphism of a group	Lecture	22	Smart Board	Interaction	
			III BSC (MPC)	4 5 6	T & E	Th	problem Solving sessions	Lecture	05	Smart Board	Interaction	
12.	12-09-18	WED	II BSC	2	T & E	Th	Permutations	Lecture	21	Smart Board	Interaction	
			III BSC (MPC)	4 5 6	T & E	Th	problem Solving sessions	Lecture	14	Smart Board	Interaction	
13.	13-09-18	THU					Vinayaka Chavithi					
14.	14-09-18	FRI	III BSC	2	T & E	Th	Vector subspaces	Lecture	17	Smart Board	Interaction	
			II BSC	4	T & E	Th	permutation group	Lecture	18	Smart Board	Interaction	
15.	15-09-18	SAT	II BSC	2	T & E	Th	Linear Combination of Vectors & Linear span	Lecture	15	Smart Board	Interaction	
			II BSC	4	T & E	Th	Inverse of a permutation	Lecture	16	Smart Board	Interaction	
16.	16-09-18	SUN					Sunday					

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2018 - 2019

Name of the Department / Subject : Mathematics / Paper - III & VI

Name of the Lecturer : Ch. Suresh Kumar

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remark
17.	17-09-18	MON	II BSC	2	T P E	Th	Cyclic permutations	Lecture	20	Smart Board	Interaction	
18.	18-09-18	TUE	II BSC	2	T P E	Th	Disjoint cycles	Lecture	22	Smart Board	Interaction	
			III BSC (HPS)	4 5 6	T P E	Th	problem Solving sessions	Lecture	04	Smart Board	Interaction	
19.	19-09-18	WED	II BSC	2	T P E	Th	Transposition	Lecture	24	Smart Board	Interaction	
			III BSC (HPS)	4 5 6	T P E	Th	problem Solving sessions	Lecture	14	Smart Board	Interaction	
20.	20-09-18	THU					O.H (9th Moharrum)					
21.	21-09-18	FRI					Moharrum					
22.	22-09-18	SAT	III BSC	2	T P E	Th	Quiz					
			II BSC	4	T P E		Even and odd Permutations	Lecture	21	Smart Board	Interaction	
23.	23-09-18	SUN					Sunday					



T.R.R. GOVT. DEGREE COLLEGE,

KANDUKUR - 523 105, Ph. : 08598 - 223546

NAAC ACCREDITED B

2017 - 2018

TEACHING DAIRY

Name of the Lecturer... K. Malakondalah ... Department... Lecturer in ...

2017 - 2018

2
June 21
July - 25

Political
Science

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2018 - 2019

Name of the Department / Subject : Mathematics / Paper - III & VI

Name of the Lecturer : Ch. Suresh Kumar

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
24	24-09-18	MON	II BSC	2	T R E	Th	Quiz					
25	25-09-18	TUE	II BSC	2	T R E	Th	Cayley's Theorem and its applications	Lecture	22	Smart Board	Interaction	
			III BSC	4 5 6	T R E	Th	Linear independence & Linear dependence of vectors	Lecture	19	Smart Board	Interaction	
26	26-09-18	WED	II BSC	2	T R E	Th	Cyclic Groups	Lecture	23	Smart Board	Interaction	
			III BSC	6	T R E	Th	Basis of Vector space	Lecture	21	Smart Board	Interaction	
27	27-09-18	THU	III BSC	1	T R E	Th	Dimension of Vector space	Lecture	19	charts	Interaction	
			II BSC	2	T R E	Th	Elementary properties of cyclic groups	Lecture	20	Smart Board	Interaction	
28	28-09-18	FRI	III BSC	2	T R E	Th	Linear transformations	Lecture	22	Smart Board	Interaction	
			II BSC	4	T R E	Th	classification of cyclic groups	Lecture	24	Smart Board	Interaction	
29	29-09-18	SAT	III BSC	2	T R E	Th	Rank-Nullity theorem	Lecture	15	Smart Board	Interaction	
			II BSC	4	T R E	Th	Revision	Lecture	13	Smart Board	Interaction	
30	30-09-18	SUN					sunday					

Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B

Principal
T.R.R. GOVT. DEGREE COLLEGE
NAAC Accredited B
VANDURU-522 105, Chittoor, A.P.

29/9/18

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

"PROFORMA FOR TEACHING DIARY : 2017 - 2018"

Name of the Department / Subject : Political Science

Name of the Lecturer : K. Malakondalah

S. No.	Date	Day	Class	Period Time	Medium	Theory/ Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
	1/10/18	Mon	III	1	T	T	Departments - Organisation.	Lecture	15			
			II	2	T	T	DMK - origin & Development	"	18			
			III	4	T	T	Nazism - origin & Development	"	6	web video		
			I	5	T	T	Judiciary - Nature and Functions	"	19		Questioning	
	2/10/18	Tue	III	1	T	T	Basis of Departments classification	Discussion	15			
			II	2	T	T	DMK - Ideology	"	20	PPT	Interact	
			III	4	T	T	Nazism - Features	"	7			
			I	5	T	T	Judiciary independence	"	25			
	3/10/18	wed	III	1	T	T	Types of Departments	Demonstration	15			
			II	2	T	T	DMK - Split & Merges	"	22			
			III	4	T	T	Nazism - origin & Development	"	10	web video		
			I	5	T	T	Judicial Review	"	15		Discussion	
	4/10/18	Thu	III	1	T	T	JDP - origin & Development	Interactive Method	20			
			II	2	T	T	Line and Staff Agencies	"	20	PPT		
			III	4	T	T	Nazism - Features	"	10			
			I	5	T	T	Judicial Supremacy	"				
	5/10/18	Fri	II	1	T	T	JDP - Programmes	Lecture	18		Discussion	
			III	2	T	T	Types of Line Agencies	"	15			
			III	4	T	T	Causes for II world war	"	10			
			I	5	T	T	Judicial Appointments Controversy	"	25			
	6/10/18	Sat	II	1	T	T	JDP under BN CBN	Lecture	25		Questioning	
			III	2	T	T	Staff Agencies - Types	"	15			
			III	4	T	T	Causes for II world war	"	10			
			I	5	T	T	Constitutional Law - Meaning	"	30			
	7/10/18	Sun	II	1	T	T	Introduction to the study of Political Process in India	Discussion	25			
			III	2	T	T	Importance of Line & Staff Agencies	"	18			
			III	4	T	T	Cold War - Meaning & Origin	"	10		Questioning	
			I	5	T	T	Constitutional Law - Definition	"	25			

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

"PROFORMA FOR TEACHING DIARY : 2017 - 2018"

Name of the Department / Subject : Political Science

Name of the Lecturer : K. Mala Kondalab

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
	8/1/18	Mon	III	1	T	T	Motivation - Meaning and Definition.	Demonstration	15		Discussion	
			II	2	T	T	Popular Movements in Indian Politics	"	25		"	
			III	4	T	T	Coldwar : Factors	"	10	net video	"	
			I	5	T	T	Revision - Theory of Separation of Powers	"	25		"	
	9/1/18	Tue	III	1	T	T	Factors for Motivation.	Lecture	25		Interaction	
			II	2	T	T	Peasant Movements in India	"	25			
			III	4	T	T	Coldwar - Detente	"	10	PPT		
			I	5	T	T	Quiz - Conducted	"	35			
	10/1/18	Wed	III	1	T	T	Hierarchy of Needs Theory	Lecture	15		Discussion	
			II	2	T	T	Peasant Movements in India	"	25			
							Afternoon Cl -					
	11/1/18	Thu	III	1	T	T	Women Movements in India	Discussion	25		Question	
			II	2	T	T	Types of Needs - Classification	"	30			
			III	4	T	T	Coldwar - Detente	"	10	PPT		
			I	5	T	T	Notes richardson	"	25			
	12/1/18 TO 21/1/18						Sankranti holidays					
	22/1/18	Mon	III	1	T	T	Abraham Maslow's Hierarchy	Lecture	20			
			II	2	T	T	women in Indian Politics	"	20			
			III	4	T	T	Coldwar	"	12			
			I	5	T	T	Parliamentary Govt - Revision	"	30			
	23/1/18	Tue	III	1	T	T	Theories of Xy.	Lecture	12			
			II	2	T	T	women Reservation bill	"	18			
			III	4	T	T	unipolar world.	"	12			
			I	5	T	T	Parliamentary Govt - Revision	"	30			

Demerits Revision

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

"PROFORMA FOR TEACHING DIARY : 2017 - 2018"

Name of the Department / Subject : Political Science

Name of the Lecturer : K. Malakondalain

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
24/1/18	Wed		III	1	T	T	Theories of A, Y - McGeorge	Lecture	10		Questioning	
			II	2	T	T	Cassat - Learning					
			III	4	T	T	The Role of UNO in the Protection of International Peace	Discussion	12		"	
			I	5	T	T	Presidential Government - Revision		13		"	
25/1/18	Thu		II	1	T	T	Pressure Groups - Membership	Discussion	35		Listening	
			III	2	T	T	UNO Role in the Protection of Peace	"	12		"	
			III				National Voters Day celebration					
			I									
26/1/18	Fri		II	1	T	T	Pressure Groups - Classification	Demonstration	18		Questioning	
			III	2	T	T	New International Economic Order	"	10	PPT		
			III	4	T	T	Problems of Third World	"	8			
			I	5	T	T	Presidential Govt - Merits & Demerits	"	30	PPT		
27/1/18	Sat		II	1	T	T	Pressure Groups in Indian Politics	Lecture			Discussion	
			III	2	T	T	Indian Foreign Policy - Evolution	"			"	
			III	4	T	T	" - Determinants	"	8	net, videos	"	
			I	5	T	T	Unitary Government - Revision	"			"	
28/01/18	Sun						Sunday					
29/1/18	Mon		III				Casual Leave					
			III									
			III									
			I									
30/1/18	Tue		III	1	T	T	Continuity and change in Indian Foreign Policy		12			
			II	2	T	T	SWP Test Conducted		8			
			III	4	T	T	Continuity and change in Indian Foreign Policy		8			
			I	5	T	T	Unitary Govt - Merits & Demerits		8			
31/1/18	Wed		III	1	T	T	Non Alignment - Origin					
			II	2	T	T	Protest Movements - Revision					
			III	4	T	T	Phase 1st NA M					
			I	5	T	T	Federal Government - Characteristics					

K. Malakondalain

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

"PROFORMA FOR TEACHING DIARY : 2017 - 2018"

Name of the Department / Subject : Political Science

Name of the Lecturer : K. Malakondalah

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
	01/2/18	Thue	II	1	+	T	Peasant Movements - Revision Lecture		15		Listening	
	01/2/18	Thue	III	2	+	T	The Role of Indian NAY	"	8		"	
	01/2/18	Thue	III	4	+	T	Relevance of NAY in the	"	8		"	
	01/2/18	Thue	I	5	+	T	Federal Govt - Revision Lecture	"	25		"	
	02/02/18	Fri	II	1	+	T	Peasant Movements - Revision Lecture		15		Subraha	
	02/02/18	Fri	III	2	+	T	Role of India in the UNO	"	10		"	
	02/02/18	Fri	III	4	+	T	in Protection of International Peace	"	8		"	
	02/02/18	Fri	I	5	+	T	Democracy - Meaning & Definition	"	27		"	
	07/2/18	Sat	II	1	+	T	Women Movements - Revision Lecture		15		Questioning	
	07/2/18	Sat	III	2	+	T	Revision -	"	8		"	
	07/2/18	Sat	III	4	+	T	Evening CL	"				
	4/2/18						Sunday					
	05/02/18	Mon	III	1	+	T	India Relations w/ USA	Demonstration	11		Discussion	
	05/02/18	Mon	II	2	+	T	Caste in Indian Politics	"	12		"	
	05/02/18	Mon	III	4	+	T	India - USA - Pre Cold War	"	9		"	
	05/02/18	Mon	I	5	+	T	Democracy - features	"	25		"	
	06/2/18	Tue	III	1	+	T	India - USA - During Cold War	Discussion	10		Questioning	
	06/2/18	Tue	II	2	+	T	Politicisation of Dalits	"	18		"	
	06/2/18	Tue	III	4	+	T	India - USA - Post Cold War	"	8		"	
	06/2/18	Tue	I	5	+	T	Direct Democratic Devices	"	28		"	
	07/2/18	Wed	III	1	+	T	India - China Relations	Lecture	15		Discussion	
	07/2/18	Wed	II	2	+	T	Caste and Politics - Relation	"	20		"	
	07/2/18	Wed	III	4	+	T	India - China Pre Cold War	"	10		"	
	07/2/18	Wed	I	5	+	T	Indirect Democracy features	"	30		"	

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

"PROFORMA FOR TEACHING DIARY : 2017 - 2018"

Name of the Department / Subject : Political Science

Name of the Lecturer : K. Malakondalah

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
	08/2/18	Thu	II	1	T	T	Religion and Politics	Demonstration	18		Discussion	
			III	2	T	T	India-China - During Coldwar	"	10	net videos	"	
			III	4	T	T	India-China Post Coldwar	"	8		"	
			I	5	T	T	Democracy - Conditions essential	"	25		"	
	09/2/18	Fri	II	1	T	T	Secularism in India	Demonstration	20	PPT	Questioning	
			III	2	T	T	India and neighbours	"	12		"	
			III	4	T	T	India - Pakistan Relations	"	10		"	
			I	5	T	T	Procedural Democracy	"	25		"	
	10/2/18	Sat					Substantive Democracy					
							Second Saturday					
	11/2/18	Sun					Sunday					
	12/2/18	Mon	III	1	T	T	India - Pakistan wars	Lecture	18	net videos	Discussion	
			II	2	T	T	Causes for Fundamentalism	"	12		"	
			III	4	T	T	India - Role in SAARC	"	10	PPT	"	
			I	5	T	T	Judiciary - Meaning & Definition	"	20		"	
	13/2/18	Tue					Maha Sivaratri					
	14/2/18	Wed	II	1	T	T	Globalisation - Meaning	Lecture	10		Discussion	
			II	2	T	T	Nation Integration	"	20		"	
			III	4	T	T	Globalisation - Evolution	"	12		"	
			I	5	T	T	Judiciary - Functions	"	25	chart	"	

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

"PROFORMA FOR TEACHING DIARY : 2017 - 2018"

Name of the Department / Subject : Political Science

Name of the Lecturer : K. Malakondalah

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
	15/2/18	Thu	II	1	T	T	Hurdles for national integration	Lecture	15	PPT	Interaction	
			III	2	T	T	Economic conceptions of Globalisation	"	8		"	
			III	4	T	T	"	"	7		"	
			I	5	T	T	Judiciary - Judicial Review	"	25	"	"	
	16/2/18	Fri	II	1	T	T	Conditions for national integration	Lecture	22	PPT	Discussion	
			III	2	T	T	Political Conceptions of Globalisation	"	10		"	
			III	4	T	T	"	"	10		"	
			I	5	T	T	Judicial Independence	"	25		"	
	17/2/18	Sat	II	1	T	T	National Integration / Disunion	Lecture	18		Questioning	
			III	2	T	T	Anchor of Global Politics	"	10		"	
			III	4	T	T	Economy - IMF	"	10		"	
			I	5	T	T	Judicial Supremacy	"	18	PPT	"	
	18/2/18						Sunday					
	19/2/18	Mon	III	1	T	T	IMF - Nature & Functions	Lecture	10		Interaction	
			II	2	T	T	Electoral Trends from 1952 onwards	"	20		"	
			III	4	T	T	World Bank - Nature & Functions	"	10		"	
			I	5	T	T	Judicial Activism	"	25		"	
	20/2/18	Tue	III	1	T	T	WTO - Nature & Role	Lecture	8		Questions	
			II	2	T	T	Coalition Politics	"	20		"	
			III	4	T	T	WTO - Functions	"	7		"	
			I	5	T	T	Revision	"	25		"	
	21/2/18	Wed	III	1	T	T	The Role of Nation States in the Context of Globalisation	Lecture	13		Discussion	
			II	2	T	T	Voting Behaviour	"	18	PPT	"	
			III	4	T	T	Consequences of Globalisation	"	7		"	
			I	5	T	T	Revision	"	25		"	



T.R.R. GOVT. DEGREE COLLEGE

KANDUKUR - 523 105, Ph. :-08598 - 223546

NAAC ACCREDITED B

2021 - 2022

TEACHING DAIRY

Name of the Lecturer... Dr. K.V. PADMAVATHI Department... CHEMISTRY

2021 - 2022

NOVEMBER 2021

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2021 - 2022

Name of the Department / Subject : CHEMISTRY

Name of the Lecturer : Dr. K.V. PADMAVATHI

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
8	8 ¹¹ / ₂₁	Mon	che-VI	I	EM & TM	Theory	Rate of reaction and the factors that influence the rate of a reaction. Attended the declamation contest Patriotism and National building Republic day celebrations organized by NSS Unit of our college in collaboration with Nehru Yuva Kendra, Ministry of youth affairs & sports, G.I.	PPT	17	Digital class room		
9	9 ¹¹ / ₂₁	Tue	Final B.Sc. BZC che-VI	IV	EM & TM	Prac	Surface tension of the given liquid.	Demonstration	14+3	Stalagmo-meter.	Asked to do the	
				V		Prac			1	Beakers, stand	the	
				VI		Prac	calculations on Surface tension of the given liquid	Lecture	14+3	B.B & chalk	calculations	
10	10 ¹¹ / ₂₁	Wed	Final B.Sc. M.P.C che-VI	IV	EM & TM	Prac	Surface tension of the given liquid.	Demonstration	05	Stalagmo-meter, Beakers, stand	Asked to do the	
				V		Prac				B.B & chalk	calculations	
				VI		Prac	calculations on Surface tension of the given liquid.	Lecture	05			
11	11 ¹¹ / ₂₁	Thur	III BSc che-VI	8 to 9 PM	EM & TM	Theory	Order and molecularity of a reaction.	PPT	14	Laptop		
12	12 ¹¹ / ₂₁	Fri	III BSc che-VI	8 to 9 PM	EM & TM	Theory	Derivation of rate constant for the first order reaction	PPT	15	Laptop	Asked to write the assignment	
13	13 ¹¹ / ₂₁	Sat	III BSc che-VI	8 to 9 PM	EM & TM	Theory	Derivation of rate constant for the second order reaction	PPT	14	Laptop		
14	14 ¹¹ / ₂₁	Sun					SUNDAY					

NOVEMBER 2021

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2021 - 2022

Name of the Department / Subject : CHEMISTRY

Name of the Lecturer : D. K. V. PADMAVATHI

S. No.	Date	Day	Class	Period Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
15	15-11-21	Mon	III BSc CHEMISTRY	8-9 AM	EM & TM	Theory	conducted the stipend on carbohydrates.		15			
			Online class	III BSc BZC & M.P.C	8-9 AM	EM & TM	Derivation of rate constant for the second order reaction.	PPT	17	Laptop		
16	16-11-21	Tue	III BSc CHEMISTRY	8-9 AM	EM & TM	Prac	Viscosity of the water	Demonstration	14	Viscometer	Asked to do the calculations	
							Viscosity of the acetone	Demonstration	14	Beakers, Stand,		
							calculations	Lecture	14			
			Online class	III BSc BZC & M.P.C	8-9 AM	EM & TM	Derivation of rate constant for the third order reaction.	PPT	17	Laptop		
17	17-11-21	Wed					Relieved on the F.N. of November 17 th 2021 to attend the Examination duties as an observer at Sri Raghava Degree College, Ongole.					
			Online class	III BSc BZC & M.P.C	8-9 AM	EM & TM	Derivation of half life for the first order, second order reaction.	PPT	17	Laptop		
18	18-11-21	Thu					UNIVERSITY OBSERVER AT RAGHAVA DEGREE COLLEGE, ONGOLE					
			Online class	III BSc BZC & M.P.C	8-9 AM	EM & TM	Derivation of half life for the Third Order & Zero order reaction.	PPT	16	Laptop		
19	19-11-21	Fri					UNIVERSITY OBSERVER					
			Online class	III BSc BZC & M.P.C	8-9 AM	EM & TM	Methods for the determination of order of a reaction.	PPT	17	Laptop	given the assignment	
20	20-11-21	Sat					UNIVERSITY OBSERVER					
			Online class	III BSc BZC & M.P.C	8-9 AM	EM & TM	Methods for the determination of order of a reaction.	PPT	17	Laptop	given the assignment	
21	21-11-21	Sun					SUNDAY					

NOVEMBER 2021

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2021 - 2022

Name of the Department / Subject : CHEMISTRY

Name of the Lecturer : DAK V. PANDIMATHI

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
8	8 ¹¹ / ₂₁	Mon	che-VI	I	EM & TM	Theory	Rate of reaction and the factors that influence the rate of a reaction. Attended the declamation contest Patriotism and National building Republic day celebrations Organized by NSS Unit of our college in collaboration with Nehru Yuva Kendra, Ministry of youth affairs & sports, G.I.	PPT	17	Digital classroom		
9	9 ¹¹ / ₂₁	Tue	Final B.Sc. B2C che-VI	IV V VI	EM & TM	Prac Prac Prac	Surface tension of the given liquid. calculations on surface tension of the given liquid	Demonstration lecture	14+3 14+3	stalagmo-meter, Beakers, stand- B.B & chalk	Asked to do the calculation	
10	10 ¹¹ / ₂₁	Wed	Final B.Sc. M.P.C che-VI	IV V VI	EM & TM	Prac Prac Prac	Surface tension of the given liquid. calculations on surface tension of the given liquid.	Demonstration lecture	05 05	stalagmo-meter, Beakers, stand B.B & chalk	Asked to do the calculation	
11	11 ¹¹ / ₂₁	Thu	Online class III B.Sc. che-VI	8 to 9 PM	EM & TM	Theory	Availed Special Casual leave Order and molecularity of a reaction.	PPT	14	laptop		
12	12 ¹¹ / ₂₁	Fri	Online class III B.Sc. che-VI	8 to 9 PM	EM & TM	Theory	Availed Special Casual leave Derivation of rate constant for the first order reaction	PPT	15	laptop	Asked to write the assignment	
13	13 ¹¹ / ₂₁	Sat	Online class III B.Sc. che-VI	8 to 9 PM	EM & TM	Theory	SECOND SATURDAY Derivation of rate constant for the second order reaction	PPT	14	laptop		
14	14 ¹¹ / ₂₁	Sun					SUNDAY					

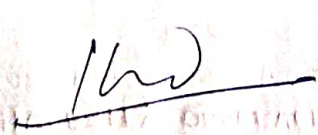
NOVEMBER 2021

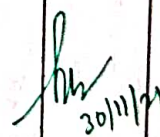
COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2021 - 2022

Name of the Department / Subject : CHEMISTRY

Name of the Lecturer : Dr. K.V. PADMAVATHI

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
32	22/11/21	Mon	III BSC B2C6 M-PC	8 to 9 PM	EM & TM	Theory	UNIVERSITY OBSERVER Collision theory of Reaction rates	PPT	15	Laptop		
33	23/11/21	Tue	III BSC B2C6 M-PC	8 to 9 PM	EM & TM	Theory	UNIVERSITY OBSERVER Theory of activated complex compounds.	PPT	16	Laptop	given the assignment	
34	24/11/21	Wed	III BSC B2C6 M-PC	8 to 9 PM	EM & TM	Theory	UNIVERSITY OBSERVER Brief discussion on chemical kinetics.	PPT	14	Laptop	Prepare the notes	
35	25/11/21 to 30/11/21						Attended the Examination duties as an observer at Sri Raghava Degree College, Ongole from 25 th to 30 th December					
							 K.V. Padma Lecturer in Chemistry					
							 Principal 30/11/21					


 PRINCIPAL
 T.R.R. Govt. Degree College
 KANDURUR - 523105
 Prakasam Dist.

DECEMBER 2021

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2021 - 2022

Name of the Department / Subject : CHEMISTRY

Name of the Lecturer : Dr K.V PADMAVATHI

S. No.	Date	Day	Class	Period/ Time	Medium	Theory/ Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
8	8 ¹² / ₂₁	Wed					Intercollegiate Volley ball Tournament Valedictory Session by our M-LA Sri M. Mahindhar Reddy garu -					
9	9 ¹² / ₂₁	Thu	III BSc BZC & M-PC Online class	8 to 9 PM	EM & TM	Theory	Introduction to Photo-chemistry Differences between Photo-chemical reactions and thermal reactions.	PPT	17	Laptop.	Asked to submit the assignment.	
10	10 ¹² / ₂₁	Fri	III BSc BZC & M-PC Online class	8 to 9 PM	EM & TM	Theory	Methods of Preparation of furan & its Properties. Quantum yield & its determination	PPT PPT	16 17	Laptop, digital class room Laptop.		
11	11 ¹² / ₂₁	Sat	III BSc BZC & M-PC Online class	8 to 9 PM	EM & TM	Theory	SECOND SATURDAY Reasons for high Quantum yield & low Quantum yield.	PPT	17	Laptop		
12	12 ¹² / ₂₁	Sun	III BSc BZC & M-PC Online class	8 to 9 PM	EM & TM	Theory	SUNDAY Photochemical reactions with examples & explanation	PPT	19	Laptop		
13	13 ¹² / ₂₁	Mon	III BSc BZC & M-PC Online class	8 to 9 PM	EM & TM	Theory	Structure and Properties of Pyrrole. Fluorescence, Phosphorescence	PPT PPT	19 18	Digital class room Laptop		
14	14 ¹² / ₂₁	Tue	III BSc BZC & M-PC		EM & TM	Theory	Methods of Preparation and Properties of thiophene. Methods of Preparation and Properties of Pyridine conducted the assignment on furan & its Properties	PPT PPT PPT	14 14 14	Digital class room Digital class room		

DECEMBER 2021

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2021 - 2022

Name of the Department / Subject : CHEMISTRY

Name of the Lecturer : Dr. K.V. PADMAVATHI

S. No.	Date	Day	Class	Period Time	Medium	Theory/ Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
15	15/12/21	Wed	III BSC M.P.C	IV 5 PM	EM	Theory	Methods of Preparation & Properties of thiophene.	PPT	06	Digital class room		Conducted the 7AM session
				V 6 PM	EM	Theory	Methods of Preparation & Properties of Pyridine - conducted the assignment	PPT	06	Digital class room		
			Online class III BSC BZC M.P.C	8 to 9 PM	EM	Theory	chemiluminescence & Jablonzki diagram	PPT	19	laptop		
16	16/12/21	Thu	III BSC BZC M.P.C	8 to 9 PM	EM	Theory	Availed Casual leave Photosensitization reactions and Energy transfer reactions	PPT	19	laptop, google meet		
17	17/12/21	Fri	III BSC BZC M.P.C A.Z.C	II 8 PM	EM	Theory	given the Syllabus Attended the departmental meeting	Lecture	10	B.B & chalk		
			Online class III BSC BZC M.P.C	8 to 9 PM	EM	Theory	comparison of Aromaticity of furan, thiophene & Pyrrole	Lecture	22	B.B & chalk	Asked to prepare for the Quiz.	
			Online class III BSC BZC M.P.C	8 to 9 PM	EM	Theory	Brief discussion on Photo-chemistry.	PPT	19	laptop		
18	18/12/21	Sat	III BSC BZC M.P.C	II 8 PM	EM	Theory	Introduction to Organic compounds (Naming)	Lecture	09	B.B & chalk	Asked to Practice the formulae of Organic compounds	
			Online class III BSC BZC M.P.C	III 8 PM	EM	Theory	Conducted the Quiz on chemical kinetics, carbohydrates and Photochemistry	PPT	22	Digital class room		
19	19/12/21	Sun					SUNDAY					
20	20/12/21	Mon	III BSC BZC M.P.C	I 8 PM	EM	Theory	Conducted the student Seminar on structure of Hemoglobin and its functions by Sru A.Sai	Lecture	22	B.B & Marker Pen		
			Online class III BSC BZC M.P.C	8 to 9 PM	EM	Theory	III BSC M.P.C Introduction to Amino acids	PPT	18	google meet		

DECEMBER 2021

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2021 - 2022

Name of the Department / Subject : CHEMISTRY.

Name of the Lecturer : Dr. K. V. PADMAVATHI

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
21	21/12/21	Tue	IIIBSC BZC MPC	8 to 9 AM	EM	Theory	Availed special casual leave Methods of Preparation of Aminoacids.	PPT	18	google meet, Marker Pen (digital)		
22	22/12/21	Wed	IIIBSC BZC MPC	I	EM	Theory	Naming of Organic compounds Introduction to alkyl halides	Lecture	06	B.B & chalk	Asked to practice the structure	
			IIIBSC MPC	IV	EM	Prac	chemical kinetics	Demonstration	05	separating funnel, Burette, Pipette		
				V	EM	Prac	chemical kinetics	Demonstration	05			
				VI	EM	Prac	chemical kinetics	Demonstration	05			
23	23/12/21	Thu	IIIBSC BZC MPC	I	EM	Theory	Freshers day celebrations					
			IIIBSC BZC MPC	IV & V	EM	Prac	Freshers day celebrations					
24	24/12/21	Fri					Commencement of christmas holidays.					
25	25/12/21	Sat					- Christmas					
26	26/12/21	Sun					SUNDAY					
27	27/12/21	Mon	IIIBSC BZC MPC	I	EM & TN	Theory	Properties of Aminoacids.	PPT	25	Digital class room	Asked to prepare for the Exam.	
28	28/12/21	Tue	IIIBSC BZC	IV	EM & TN	Theory	Properties of Aminoacids.	PPT	17	Digital class room		
				V		Theory	Properties of Aminoacids	PPT	17			
				VI			conducted the MID Exam		17			
29	29/12/21	Wed	IIIBSC BZC MPC	I	EM	Theory	Methods of Preparation of alkyl halides.	PPT	10	Digital class room		
			IIIBSC BZC MPC	IV	EM	Theory	Properties of Aminoacids	PPT	06	Digital class room		
				V	EM	Theory	Properties of Aminoacids	PPT	06			
				VI			conducted the MID EXAM.		06			

DECEMBER 2021

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2021 - 2022

Name of the Department / Subject : CHEMISTRY

Name of the Lecturer : DR. K.V. PADMAVATHI

S. No.	Date	Day	Class	Period Time	Medium	Theory/ Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
30	30/12/21	Thu	II BSC BZC & M.P.C	I II VI	EM EM EM	Theory Theory Theory	Mechanism of SN^1 & SN^2 reactions differences between SN^1 & SN^2 reactions conducted the assignment	PPT PPT	14 14 14	Digital class room	Asked to Practice the mechanism of SN^1 & SN^2	Attended the Workshop on Bio-fertilizers & Vermicompost Preparation organized by Dept of Microbiology
			Online class	III BSC BZC & M.P.C	8 to 9	EM TM	Inert & labile complexes with Examples	PPT	16	Laptop google meet		
31	31/12/21	Fri					Availed Casual leave					
			Online class	III BSC BZC & M.P.C	8 to 9 PM	EM TM	Mechanism of SN^1 & SN^2 reaction in Octahedral, tetrahedral complexes.	PPT	15	Laptop, google meet		
			k.v. Padma									
			Lecturer in chemistry									

Dr. K.V. Padma
31/12/2021
Academic coordinator

PRINCIPAL
T.R.R. Govt. Degree College
KANDUKUR - 523103
Prakasam Dist.

JANUARY 2022

1 1/1/22 Sat

Availed optional Holiday.

2 2/1/22 Sun

SUNDAY

3 3/1/22 Mon

III BSC
BZC &
M.P.C

I EM Theory
8 TM
Trans effect and its applications.
conducted the student seminar on 'chlorophyll' by K. Neelima
III BSC BZC & ch. siva
III BSC M.P.C

PPT 17 Digital class room

4 4/1/22 Tue

III BSC
BZC &
M.P.C

IV EM Prac
8 TM
conducted the Model Practical Exam on surface tension of the given liquid

18 stalagmometer, Beakers.

Online class

III BSC
BZC &
M.P.C

8 to 9 PM EM Theory
Bio-Inorganic chemistry - Role of metal ions in biological systems

Lecture 22 white Board & Marker Re

5 5/1/22 Wed

II BSC
BZC &
M.P.C

I EM Theory
4 TM
Mechanism of SN^1 & SN^2 reaction

PPT 18 Digital class room

III BSC
M.P.C

IV EM Theory
8 TM
Functions of Haemoglobin, chlorophyll & Myoglobin and its structures.

Lecture 22. B.B. Piece of chalk

JANUARY 2022

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2021 - 2022

Name of the Department / Subject : CHEMISTRY.

Name of the Lecturer : Dr. K.V. PADMAVATHI

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
6	6/1/22	Thu	II BSC B.Z.C M.P.C	I 8 TM	EM	Theory	Factors that influence the S_N1 & S_N2 reactions	PPT	16	Digital class room		
			11 to 1 PM				conducted the food festival organized by W.E.C on the eve of Sankranti					
			II BSC B.Z.C M.P.C	IV 8 TM	EM	Theory	Theory & Principle of NMR spectroscopy	lecture	16	Digital class room		
			4:30 to 5:30 PM				conducted the Rangoli competitions (W.E.C)					
7	7/1/22	Fri	II BSC B.Z.C M.P.C	II 8 TM	EM	Theory	Methods of Preparation of aryl halides, S_N1 & S_N2 mechanisms	PPT	08	Digital class room	Asked to practice the structures.	
			III BSC B.Z.C M.P.C	III 8 TM	EM	Theory	conducted the student Seminar by M. Mahendra, Soujanya and Bhagyalakshmi on Toxicity of Lead, Sodium & Cobalt in biological systems.	lecture	18	white digital board & marker Pen	Asked to prepare for the next mid exam.	
8	8/1/22	Sat					SECOND SATURDAY					
9	9/1/22	Sun					SUNDAY					
10	10/1/22	Mon					conducted the II Mid Exam (Online mode) to final year students					
							PONGAL VACATION					
	16/1/22	Sun										
11	17/1/22	Mon	III BSC B.Z.C M.P.C	I 8 TM	EM	Theory	conducted the group discussion on "Is Pesticides Boon or bane on Environment" by Mahendra, Praveen, III B.Sc B.Z.C		17			
12	18/1/22	Tue	III BSC B.Z.C	IV 8 TM	EM	Prac	classes are cancelled & gave the Preparation holidays to students from 18 th onwards in view of A.N.U. Semester End Examinations commenced from January 24 th onwards.					
13	19/1/22	Wed	II BSC B.Z.C M.P.C	I 8 TM	EM	Theory	Introduction to alcohols and Phenols and Methods of Preparation of alcohols.	PPT	08	Digital class room	Asked to practice the Equations	
			III BSC M.P.C	IV 8 TM	EM	Prac	Preparatory holidays are given to students in view of A.N.U. Semester End Examination commenced from Jan 24 th onwards					

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2021 - 2022

Name of the Department / Subject : CHEMISTRY

Name of the Lecturer : DR. K. V. PADMAVATHI

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
14	30/1/22	Thu	IIBSC BZC & MPC	I	EM & TM	Theory ✓	chemical reactions of alcohols.	PPT	4+4	Digital classroom		
			IIBSC BZC & MPC	V	EM & TM	Theory	chemical shift and its applications.	PPT	4+6	Digital classroom	Asked to practice the equations	
			IIBSC BZC & MPC	VI	EM & TM	Theory	spin-spin splitting & its applications	PPT	4+6	Digital classroom		
15	31/1/22	Fri	IIBSC AZC	I	EM & TM	Theory	Introduction to Periodic table.	Lecture	17	Digital classroom		
			IIBSC BZC & MPC AZC	II	EM & TM	Theory ✓	Pinacol-Pinacolone rearrangement - Methods of Preparation of Phenols.	PPT	05 05 08	Digital classroom	gave the assignment	
			IIBSC BZC & MPC AZC	IV V & VI	EM & TM	Theory	Reimer Tiemann Reaction and its Mechanism. conducted the assignment	PPT	08 08 08	Digital classroom		
16	32/1/22	Sat	IIBSC BZC & MPC AZC	IV V & VI	EM & TM	Theory	Departmental Work					
17	23/1/22	Sun					→ SUNDAY ←					
18	24/1/22	Mon					Relieved on the F.N. of January 24 th 2022 to attend the examinations as an University observer at S.S.N. Degree College, Ongole for ANU II Sem & VI Sem Supplementary exams.					
19	25/1/22	Tue	IIBSC BZC & MPC	8 to 9pm	EM & TM	Theory ✓	Kolbe reaction and its Mechanism	google meet	14	Laptop.		
20	26/1/22	Wed	IIBSC BZC & MPC	8 to 9pm	EM & TM	Theory	REPUBLIC DAY					
			IIBSC BZC & MPC	8 to 9pm	EM & TM	Theory	Fries Rearrangement and its Mechanism.	google meet	14	Laptop		
21	27/1/22	Thu	IIBSC BZC & MPC	8 to 9pm	EM & TM	Theory	UNIVERSITY OBSERVER					
			IIBSC BZC & MPC	8 to 9pm	EM & TM	Theory	Claisen Rearrangement and its Mechanism	google meet	16	Laptop		

COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.

PROFORMA FOR TEACHING DIARY : 2021 - 2022

Name of the Department / Subject : CHEMISTRY

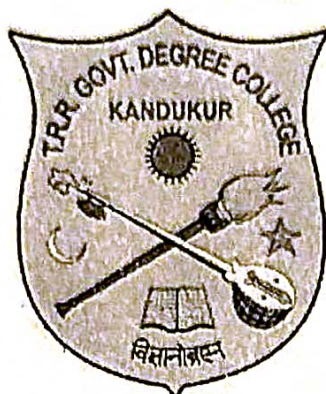
Name of the Lecturer : Dr. K.V. PADMAVATHI

S. No.	Date	Day	Class	Period/Time	Medium	Theory/Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted	Remarks
22	28/1/22	Fri	II BSc BZC & MPC	8 to 9 PM	EM & TM	Theory	UNIVERSITY OBSERVER chemical Properties of Phenol.	google meet	17	laptop		
23	29/1/22	Sat	II BSc BZC & MPC	8 to 9 PM	EM & TM	Theory	UNIVERSITY OBSERVER Introduction to Carbonyl Compounds	google meet	18	laptop		
24	30/1/22	Sun					→ SUNDAY ←					
25	31/1/22	Mon	II BSc BZC & MPC	8 to 9 PM	EM & TM	Theory	UNIVERSITY OBSERVER Methods of Preparation of Carbonyl compounds.	google meet	19	laptop	gave the assignment	
26												
27												

K.V. Padma
Lecturer in Chemistry

(Signature)

(Signature)
31/1/22
PRINCIPAL
T.R.R. Govt. Degree College
KANDURUR - 520105
Prakasam Dist.



TRR GOVERNMENT DEGREE COLLEGE
KANDUKUR, PRAKASAM (DT) AP

TEACHING PLAN (SYNOPSIS)

ACADEMIC YEAR-2021-22

Name of the Lecturer: Dr.N. Tirupathi Swamy

Department: Botany

**Commissionerate of Collegiate Education, A.P.,
TRR Government Degree College, Kandukur, Prakasam Dt.**

Proforma for Teaching Plan

Name of the Department/Subject	:	Botany
Name of the Lecturer	:	Dr.N.Tirupathi Swamy
Course/Group	:	BSC/BZC
Period	:	SEM I(Paper – I) Fundamentals of Microbes& Non-Vascular plants
Name of the Topic	:	Origin of life and Viruses Five Kingdom classification
Hours required	:	02
Learning Objectives	:	1. Students understand the microscopic organisms 2 Will differentiate Bacteria and Viruses 3. will appreciate the advantages of the Microbes
Previous knowledge to be reminded:	:	

1. Origin of life, concept of primary Abiogenesis: Miller and Urey experiment. Five kingdom classification of R.H. Whittaker.
2. Discovery of microorganisms, Pasteur experiments germ theory of diseases.
3. Shape and symmetry of viruses: structure of TMV and Gemini virus: multiplications of TMV: A brief account of Prions and Viroids.

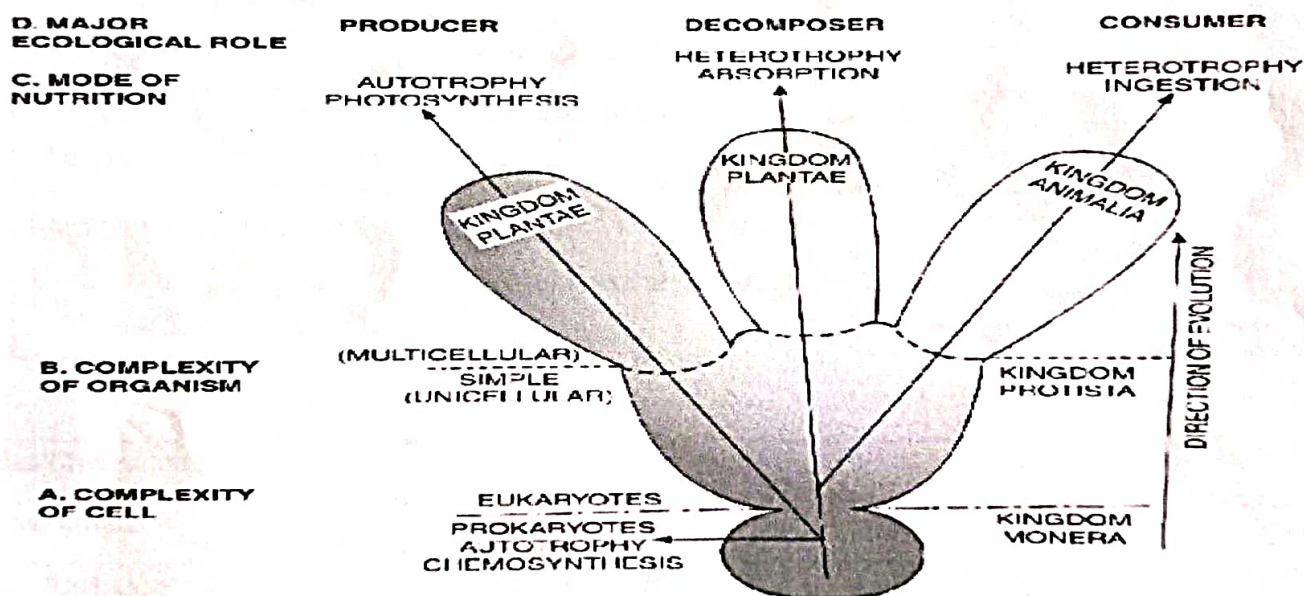


Fig: The Five Kingdoms Of Life

Examples/Illustrations	Algae, Bacteria, fungus, Virus
Additional inputs	Information on Harmful microbes
Teaching Aids used	Google images, PPTs
References cited	B.P. Pandey, Dubey RC, Pelczar and CCEText Book
Student Activity planned after the teaching	Students observe the slides of microorganism
Activity planned outside the Class room, if any	Practice diagrams
Any other activity	Visit Laboratory

[Signature]

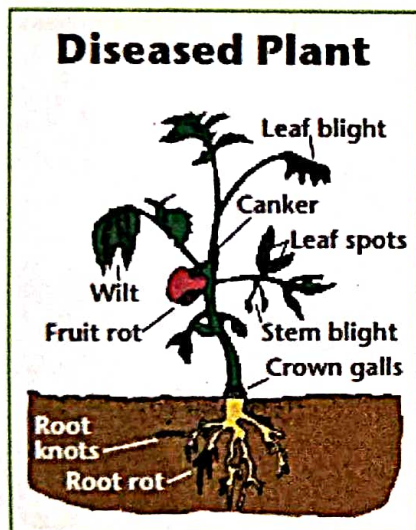
PRINCIPAL
TRR Government Degree College
KANDUKUR - 523105
Prakasam Dist.

Commissionerate of Collegiate Education, A.P.,
TRR Government Degree College, Kandukur, Prakasam Dt.

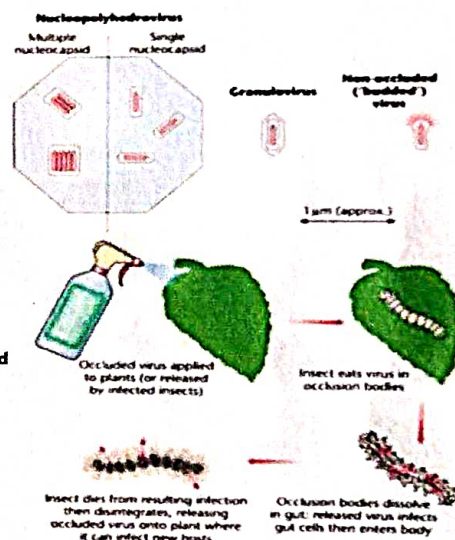
Proforma for Teaching Plan

me of the Department/Subject	:	Botany
me of the Lecturer	:	Dr Tirupathiv Swamy
urse/Group	:	BSC/BZC
per	:	SEM I(Paper – I) Fundamentals of Microbes& Non-Vascular plants
me of the Topic	:	Origin of life and Viruses Plant Diseases and Bio pesticides
ours required	:	01
arning Objectives	:	1.The students are able to understand crop yield depends on Healthy crop 2.The students distinguish the Pesticides and Bio pesticides
vious knowledge to be reminded:	:	Disease symptoms

1. A general account on symptoms of plant diseases caused by Viruses. Transmission of plant viruses and their control.
2. Significance of viruses in vaccine production, bio-pesticides and as cloning vectors.



- Viral biopesticides**
- **Baculoviruses**
 - Nuclear Polyhedrosis Virus
 - Granulosis Virus
 - **Cytoplasm Polyhedrosis Virus**
- Nucleic acid-single molecule of circular super coiled DNA
 - Virion structurally complex with 10-25 polypeptides 4-11 associated with nucleocapsid
 - Replication in host cell nuclei



amples/Illustrations	Plant diseases
ditional inputs	Pesticides
aching Aids used	Google images, PPTs
ferences cited	B.P. Pandey, Dubey RC, Pelczar and CCE Text Book
ident Activity planned after the ching	Practice diagrams
tivity planned outside the Class room, ny	Observation of crops if any diseases
y other activity	Field visit

[Handwritten signature]

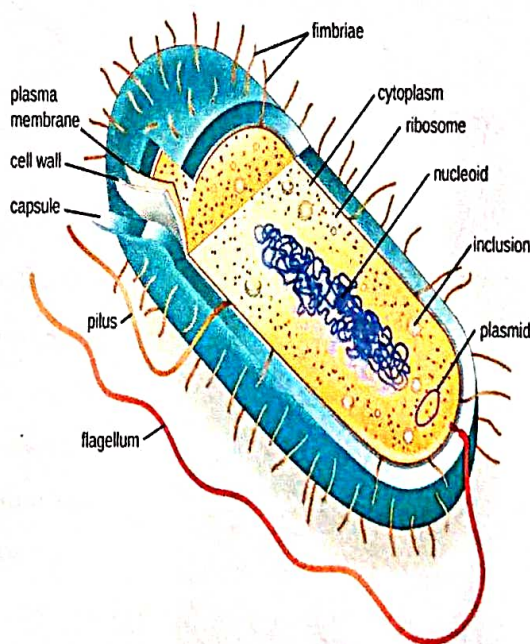
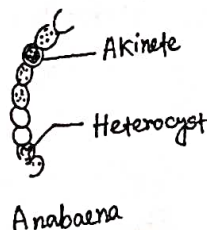
[Handwritten signature]
PRINCIPAL
T.R.R. Govt. Degree College
KANDUKUR - 523105
Prakasam Dist.

**Commissionerate of Collegiate Education, A.P.,
TRR Government Degree College, Kandukur, Prakasam Dt.**

Proforma for Teaching Plan

me of the Department/Subject :	Botany
me of the Lecturer :	Dr N.Tirupathi Swamy
urse/Group :	BSC/BZC
er :	SEM I (Paper – I) Fundamentals of Mycrobies & Non-Vascular plants
me of the Topic :	Special groups of Bacteria and Eubacteria Bacterial Cell
urs required :	01
arning Objectives :	1.Students will understand the structure of Bacterial cell 2.Students are able to differentiate the Eukaryotic and prokaryotic cell
vious knowledge to be reminded:	Cell structure and function

1. Brief account of Archaeobacteria, Actinomycetes and Cyanobacteria
2. Cell structure and nutrition of Eubacteria
3. Reproduction – Asexual (Binary fission and endospores) and bacterial recombination (Conjugation, Transformation, Transduction)



Bacterial Cell Structure

amples/Illustrations	Archaeobacteria and Cyanobacteria
ditional inputs	Culture of milk fish in pens
aching Aids used	Google Images, PPTs
ferences cited	B.P. Pandey, Dubey RC, Pelczar and CCE Text Book
ident Activity planned after the ching	Practice diagrams
tivity planned outside the Class room, ny	Observation of sewage
y other activity	Study the Bacterial slides

PRINCIPAL
 T.R.R. Govt. Degree College
 KANDUKUR - 523105
 Prakasam Dist.

**Commissionerate of Collegiate Education, A.P.,
TRR Government Degree College, Kandukur, Prakasam Dt.**

Proforma for Teaching Plan

me of the Department/Subject	:	Botany
me of the Lecturer	:	Dr Tirupathi Swamy
urse/Group	:	BSC/BZC
per	:	SEM I (Paper – I) Fundamentals of Microbes & Non-Vascular plants
me of the Topic	:	Citrus Canker
urs required	:	01
arning Objectives	:	1.Students understand the Citrus canker disease 2.Students predict consequences of diseases
vious knowledge to be reminded:	:	Citrus species

1. Economic importance of Bacteria with reference to their role in Agriculture and industry (fermentation and medicine.
2. A general account on symptoms of plant diseases caused by Bacteria: Citrus canker.

CITRUS CANKER



Symptoms

- Lesions are surrounded by a **yellow halo**.
- Spotting in petiole cause **premature defoliation**.
- Symptoms more prominent on young plant parts.
- Spots are also developed on fruits.
- Canker on fruits are similar to those on leaves.
- Sometimes yellow halo absent in the fruit canker.
- Only fruit rind is affected, the pulp not affected.
- The black spots reduce the market value of the fruits



www.easybiologyclass.com

amples/Illustrations	Bacterial diseases
ditional inputs	Pathogen types
aching Aids used	Google images, PPTs
ferences cited	B.P. Pandey, Dubey RC, Pelczar and CCE Text Book
ident Activity planned after the teaching	Google images, PPTs
tivity planned outside the Class room, if any	Seminar
y other activity	Visit crops for identification of plant diseases

PRINCIPAL
T.R.R. Govt. Degree College
KANDUKUR - 523105

**Commissionerate of Collegiate Education, A.P.,
TRR Government Degree College, Kandukur, Prakasam Dt..**

Performa for Teaching Plan

Department/Subject	:	Botany
Name of the Lecturer	:	Dr.N.Tirupathi Swamy
Course/Group	:	BSC/BZC
Period	:	SEM I (Paper – I) Fundamentals of Microbes & Non-Vascular plants
Name of the Topic	:	Fungi and Lichens Classification of Fungi
Hours required	:	01
Learning Objectives	:	1.Students are able to understand the fungal varieties 2.Students are distinguish the different classification of fungi
Previous knowledge to be reminded:		

1. General characteristics of fungi and Ainsworth classification (upto classes)
2. Structure, reproduction and life history of (a) Rhizopus (Zygomycota) and (b) Puccinia (Basidiomycota)
3. Economic uses of fungi in food industry, pharmacy and agriculture.

Kingdom Fungi

Classification of Fungi by Ainsworth

Myxomycota

1. Acrasiomycetes

2. HydroMyxomycetes

3. Myxomycetes

4. Plasmodiophoromycetes

5 Subdivisions

Eumycota

1.Mastigomycotina (3)

2.Zygomycotina (2)

3.Ascomycotina (6)

4.Basidiomycotina (3)

5.Deuteromycotina (3)



Subscribe & Support

Examples/Illustrations	Fungal types
Additional inputs	Fungal fruitbodies
Teaching Aids used	Google Images, PPTs
References cited	B.P. Pandey, Dubey RC, Pelczar and CCE Text Book
Student Activity planned after the teaching	Assignment
Activity planned outside the Class room, if any	Identification of fungi
Any other activity	Visit Bakeries

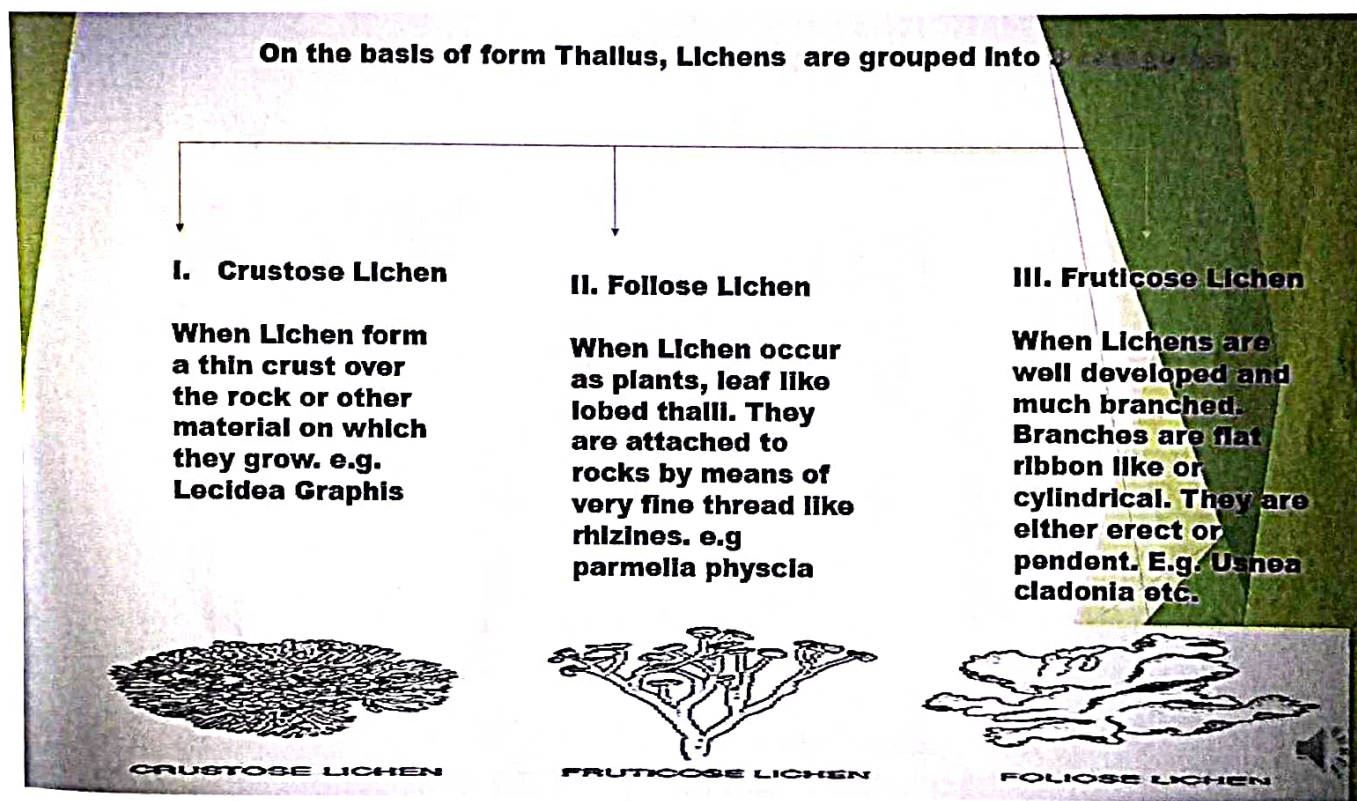
Principal
TRR Govt. Degree College
KANDUKUR - 523103
Prakasam Dist.

**Commissionerate of Collegiate Education, A.P.,
TRR Government Degree College, Kandukur, Prakasam Dt.**

Performa for Teaching Plan

me of the Department/Subject :	Botany
me of the Lecturer :	Dr Tirupathi Swamy
urse/Group :	BSC/BZC
per :	SEM I(Paper – I) Fundamentals of Mycrobies & Non-Vascular plants
me of the Topic :	Fungi and Lichens Types of Lichens
ours required :	01
arning Objectives :	1.Students will understand the Structure of Lichens 2.Students find out the combination of two species in Lichen
vious knowledge to be reminded :	

1. Lichens – structure and reproduction: ecological and economic importance.



amples/Illustrations	Lichens importance
ditional inputs	Habitation of Lichens
aching Aids used	Google images, PPTs
ferences cited	B.P. Pandey, Dubey RC, Pelczar and CCE Text Book
udent Activity planned after the teaching	Practice diagrams
ctivity planned outside the Class room, if any	Observation of Models in Laboratory
y other activity	Visit fields and forests

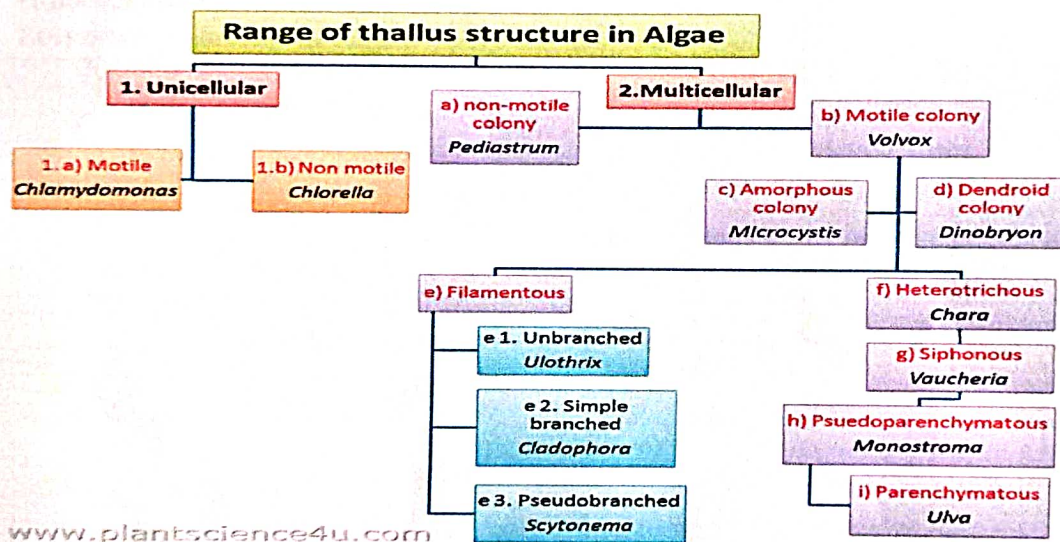
PRINCIPAL
 TRR Govt. Degree College
 KANDUKUR - 523105
 Prakasam Dist.

Commissionerate of Collegiate Education, A.P.,
T.R.R Government Degree College, Kandukur, Prakasam Dt.

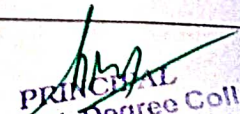
Performa for Teaching Plan

me of the Department/Subject :	Botany
me of the Lecturer :	Dr Tirupathi Swamy
urse/Group :	BSC/BZC
per :	SEM I(Paper – I) Fundamentals of Microbes& Non-Vascular plants
me of the Topic :	Algae
urs required :	01
arning Objectives :	1.Students understand the Thallus organization of Algae 2.Students learn the importance of producers in Pond Ecosystem
evious knowledge to be reminded:	Aquatic species

1. General characteristics of Algae (pigments, flagella and reserve food material) Fritsch classification (upto classes)
2. Thallus organization and life cycles in Algae.



amples/Illustrations	Photosynthetic species in water
ditional inputs	Algal types
aching Aids used	Google images, PPTs
ferences cited	B.P. Pandey, Dubey RC, Pelczar and CCE Text Book
udent Activity planned after the teaching	Assignment
ctivity planned outside the Class room, if any	Collect pond water for knowing Thallus organization of Algae
y other activity	Visit Canals


PRINCIPAL
T.R.R. Govt. Degree College
KANDUKUR - 523105
Prakasam Dist.

**Commissionerate of Collegiate Education, A.P.,
TRR Government Degree College, Kandukur, Prakasam Dt.**

Performa for Teaching Plan

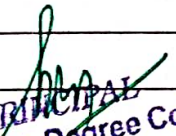
Name of the Department/Subject	:	Botany
Name of the Lecturer	:	Dr N.Tirupathi Swamy
Course/Group	:	BSC/BZC
Year	:	SEM I (Paper – I) Fundamentals of Mycrobies & Non-Vascular plants
Name of the Topic	:	Algae-Economic importance
Hours required	:	02
Learning Objectives	:	1.Students are able to know the nutrional value of Algae 2.Students predict the value of Algae in Industry 3.Students learn the fodder value of Algae
Previous knowledge to be reminded	:	Nutrition

1. Occurrence, structure, reproduction and life cycle of (a) Spirogyra (Chlorophyceae) and (b) Polysiphonia (Rhodophyceae).
2. Economic importance of Algae.

Table 2.3: Economic importance of Algae

Name of the Algae	Economic importance
Beneficial activities	
<i>Chlorella, Laminaria, Sargassum, Ulva, Enteromorpha</i>	Food
<i>Gracilaria, Gelidiella, Gigartina</i>	Agar Agar – Cell wall material used for media preparation in the microbiology lab. Packing canned food, cosmetic, textile paper industry
<i>Chondrus crispus</i>	Carrageenan – Preparation of tooth paste, paint, blood coagulant
<i>Laminaria, Ascophyllum</i>	Alginate – ice cream, paints, flame proof fabrics
<i>Laminaria, Sargassum, Ascophyllum, Fucus</i>	Fodder
<i>Diatom (Siliceous frustules)</i>	Diatomaceous earth– water filters, insulation material, reinforcing agent in concrete and rubber.
<i>Chlorella, Chara, Fucus</i>	Fertilizer
<i>Chlorella</i>	Chlorellin -Antibiotic
<i>Chlorella, Scenedesmus, Chlamydomonas</i>	Sewage treatment, Pollution indicators
Harmful activity	
<i>Cephaleuros virescens</i>	Red rust of coffee

Examples/Illustrations	Fresh water Algae and Marine Algae
Additional inputs	Spirulina
Teaching Aids used	Google images, PPTs
References cited	B.P. Pandey, Dubey RC, Pelczar and CCE Text Book
Student Activity planned after the teaching	Assignment
Activity planned outside the Class room, if any	Study the different algae
Any other activity	Visit local available ponds


PRINCIPAL
T.R.R. Govt. Degree College
KANDUKUR - 523105
Prakasam Dist.

TRR Government Degree College, Kandukur, Prakasam Dt.

Performa for Teaching Plan

Name of the Department/Subject	:	Botany
Name of the Lecturer	:	Dr N.Tirupathi Swamy
Course/Group	:	BSC/BZC
Period	:	SEM I(Paper – I) Fundamentals of Microbes & Non-Vascular plants
Name of the Topic	:	Bryophytes Funaria
Hours required	:	02
Learning Objectives	:	1. Students differentiate the Habitat of Algae and Bryophytes 2. Students understand the structure of Funaria
Previous knowledge to be reminded:	:	Bryophytes General characters

1. General characteristics of Bryophytes: classification upto classes.
2. Occurrence, morphology, anatomy, reproduction (developmental details are not needed) and life cycle of (a) Marchantia (Hepaticopsida) and (b) Funaria (Bryopsida).

PRESENT DAY CLASSIFICATION OF BRYOPHYTES

Bryophyte

Hepaticopsida

130 genera, 1800 species



Order: *Coleopterales* (Moss like liverwort)
Jungermanniales (Scale moss liverwort)
Marchantiales (Marchantia)
Metzgeriales (Metzgeria)
Plagiochamales (Plagiochama)
Leptocarpales (Leptocarpus)
Monocleles (Monocleles)
Macrorrhizales (Macrorrhiza)

Based on the structure of gametophyte

Anthocerotopsida

7 genera and a single order



Order: *Anthocerotales*

Bryopsida

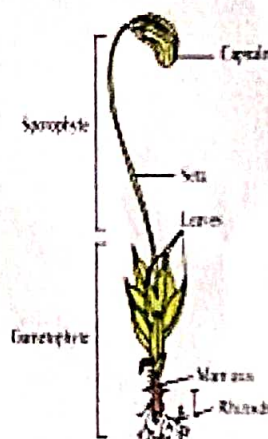
200 genera, 10000 species



Order: *Sphagnales*
Andreales
Toropterygiales
Andropogonales
Bryales
Funariales
Leskeales

Based on the characters of gametophyte and sporophyte, especially peristome

- Moss plant Funaria grows in dense patches or cushions in moist shady and cool places during the rainy seasons.
- It has a height of 3–5 cm, a radial symmetry with a differentiation of an axis or stem, leaves or phylloids and multicellular colorless branched rhizoids
- These are primitive multicellular, autotrophic, shade loving, amphibious plants.
- They reproduce by spore formation.
- They have no vascular system.
- Root like structures called rhizoids are present.
- They show alternation of generation i.e. the gametophytic stage alternates with the sporophytic stage



Examples/Illustrations	Bryophytes species
Additional inputs	Marchantia structure
Teaching Aids used	Google images, PPTs
References cited	B.P. Pandey, Dubey RC, Pelczar and CCE Text Book
Student Activity planned after the teaching	Practice diagrams
Activity planned outside the Class room, if any	Habitations of Bryophytes
Any other activity	Visit Wet Lands

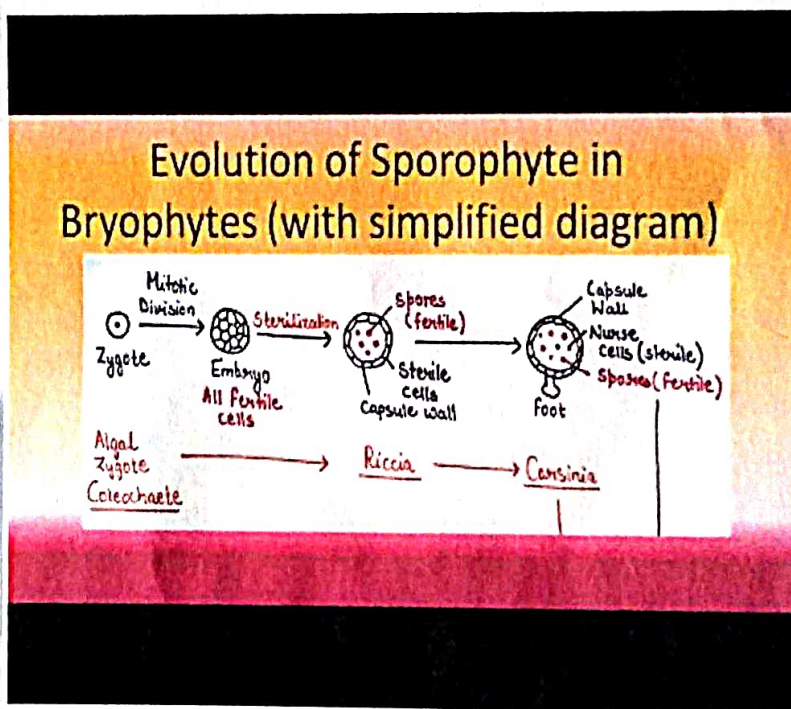
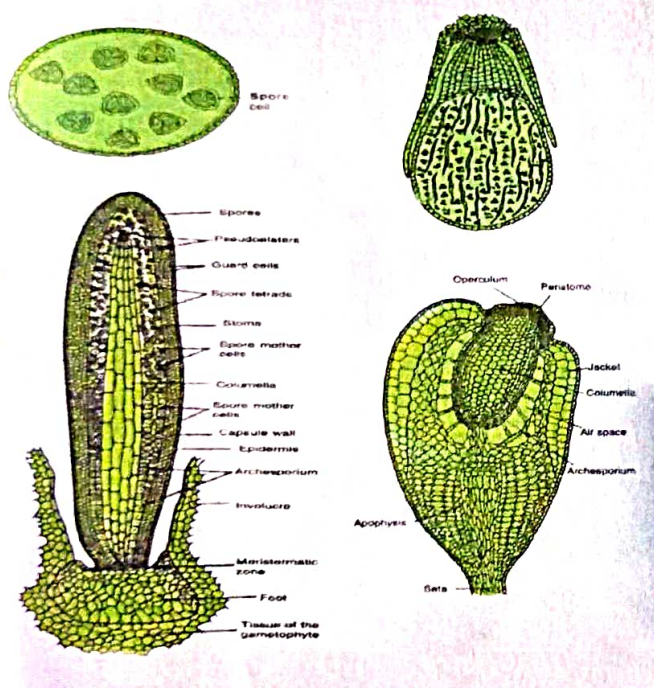
Principal
T.R.R. Govt. Degree College
KANDUKUR - 523105
Prakasam Dist.

Commissionerate of Collegiate Education, A.P.,
TRR Government Degree College, Kandukur, Prakasam Dt.

Performa for Teaching Plan

Name of the Department/Subject :	Botany
Name of the Lecturer :	Dr Tirupathi Swamy
Course/Group :	BSC/BZC
Semester :	SEM I(Paper – I) Fundamentals of Microbes& Non-Vascular plants
Name of the Topic :	Bryophytes Evolution of Sporophyte
Hours required :	02
Learning Objectives :	1. Students learn the evolution trends in Sporophyte 2. Students analyze the sporophytes of Bryophytes
Previous knowledge to be reminded:	Reproduction of Bryophytes

1. General account on evolution of sporophytes in Bryophyta.



Examples/Illustrations	Riccia and Anthoceros
Additional inputs	Sporulation in Sporophytes
Teaching Aids used	Google images, PPTs
References cited	B.P. Pandey, Dubey RC, Pelczar and CCE Text Book
Student Activity planned after the teaching	Practice diagrams
Activity planned outside the Class room, if any	Seminar
Other activity	Visit water bodies

PRINCIPAL
 T.R.R. Govt. Degree College
 KANDUKUR - 523105
 Prakasam Dist.

ANNEXURE -3
MODEL TEACHING PLAN (SYNOPSIS)

June-2019

Course : B.Sc (MPC & MPCs) ^I Subject : Mathematics Paper : I
Topic : Differential Equations of first order
and first degree
Hours Required : 09
Learning Objectives * : Solving the given Differential Equation
Previous knowledge to be reminded : Formulae of Integration
Topic Synopsis : Differential Equations - Introduction
Linear differential equations in 'y'
Linear differential equations in 'x'
Bernouli's equations
Exact differential equations

(Continue on the reverse side if needed)

Thrust areas : Bernouli's equations
Skills to be learnt by students : To solve the given differential equation
Examples / Illustrations * : problems
Additional inputs * : Examples
Teaching Models used * : -
Teaching Aids used * : Smart Board
References cited * : S.Chand publications by V.Venkateswara Rao
Student Activity Planned * : Interaction
after the teaching
Activity Planned outside * : -
class
Any other : classes starts from 15.06.2019


Signature of the
lecturer

Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B

KANDUKUR - Prakasam Dist.A.P.


Signature of the
Department I/c

Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B

KANDUKUR - Prakasam Dist.A.P.


Signature of the
Principal

PRINCIPAL
T.R.R. GOVT. DEGREE COLLEGE
NAAC Accredited B
KANDUKUR-523 105 Prakasam, A.P.

July-2019

ANNEXURE -3
MODEL TEACHING PLAN (SYNOPSIS)

Course : ^I B.Sc (MPC & MPCs) Subject : Mathematics Paper : I

Topic : Orthogonal Trajectories & Homogeneous linear DE's

Hours Required : 16

Learning Objectives * : Solving the given differential equation

Previous knowledge to be reminded : Formation of differential equation

Topic Synopsis : Integrating Factors
Change of variables
Orthogonal Trajectories - Cartesian Coordinates
Orthogonal Trajectories - Polar Coordinates
Equations Solvable for P, x, y & Clairaut's Eq's
Solution of Homogeneous linear DE's
(Continue on the reverse side if needed)

Thrust areas : self orthogonal family of curves

Skills to be learnt by students : To solve the given differential equation problems

Examples / Illustrations * : Examples

Additional inputs * : —

Teaching Models used * : —

Teaching Aids used * : smart Board

References cited * : S.Chand publications by V.Venkateswara Rao

Student Activity Planned * after the teaching : Interaction

Activity Planned outside * class : Assignment

Any other : —


Signature of the
Lecturer

Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B
KANDUKUR - Prakasam Dist.A.P


Signature of the
Department I/c

Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B
KANDUKUR - Prakasam Dist.A.P


Signature of the
Principal

T.R.R. GOVT. DEGREE COLLEGE
NAAC Accredited B
KANDUKUR-523 105 Prakasam Dt.

ANNEXURE -3
MODEL TEACHING PLAN (SYNOPSIS)

August-2019

Course : B.Sc^I (MPC & MPCs) Subject : Mathematics Paper : I

Topic : Solution of Non-Homogeneous linear D.E's

Hours Required : 15

Learning Objectives * : Finding the general Solution of the given D.E

Previous knowledge to be reminded : Solution of Homogeneous linear D.E's

Topic Synopsis : P.I of $f(D)y = Q$ when $Q = e^{ax}$
P.I of $f(D)y = Q$ when $Q = \sin ax$ or $\cos ax$
P.I of $f(D)y = Q$ when $Q = x^k$
P.I of $f(D)y = Q$ when $Q = e^{ax} V$
P.I of $f(D)y = Q$ when $Q = xV$

(Continue on the reverse side if needed)

Thrust areas : P.I of $f(D)y = Q$ when $Q = xV$

Skills to be learnt by students : To find the general solution of the given equation problems

Examples / Illustrations * : Examples

Additional inputs * : —

Teaching Models used * : —

Teaching Aids used * : Smart Board

References cited * : S. Chand publications by V. Venkateswara Rao

Student Activity Planned * after the teaching : Interaction

Activity Planned outside * class : Quiz

Any other : MID Examinations Conducted

Signature of the
Lecturer

Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B
KANDUKUR - Prakasam Dist.A.P

Signature of the
Department I/c

Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B
KANDUKUR - Prakasam Dist.A.P

Signature of the
Principal

PRINCIPAL
I.R.F. GOVT. DEGREE COLLEGE
NAAC Accredited B
KANDUKUR-523 105 Prakasam Dist.

ANNEXURE -3
MODEL TEACHING PLAN (SYNOPSIS)

September-2019

Course : I B.Sc (MPC & MPCs) Subject : Mathematics Paper : I
Topic : Solution of linear D.E's with nonconstant coefficients
Hours Required : 15
Learning Objectives * : Solving the given differential equation
Previous knowledge to be reminded : Solution of Homogeneous linear D.E's
Topic Synopsis : Change of the dependent variable, when a part of the c-f is known.

Method of Variation of Parameters

Cauchy-Euler Equations

(Continue on the reverse side if needed)

Thrust areas : Method of Variation of Parameters
Skills to be learnt by students : To solve the given differential equation problems
Examples / Illustrations * : Examples
Additional inputs * : —
Teaching Models used * : —
Teaching Aids used * : Smart Board
References cited * : S.Chand publications by V.Venkateswara Rao
Student Activity Planned * after the teaching : Interaction
Activity Planned outside * class : Group Discussion
Any other : ANU practical Examinations From 30.09.2019 To 04.10.2019


Signature of the
lecturer

Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B
KANDUKUR - Prakasa


Signature of the
Department I/c

Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B
KANDUKUR - Prakasa


Signature of the
Principal

PRINCIPAL
T.R.R. GOVT. DEGREE COLLEGE
NAAC Accredited B
KANDUKUR-523 105 Prakasa

June-2019

ANNEXURE -3
MODEL TEACHING PLAN (SYNOPSIS)

III

Course : B.Sc (MPC & MPCs) Subject : Mathematics Paper : V

Topic : Vector Differentiation

Hours Required : 09

Learning Objectives * : Derivatives of Vectors

Previous knowledge to be reminded : Formulae of Differentiation

Topic Synopsis : Vector Differentiation
Derivatives of Vectors
Differentiability
Directional derivatives
Partial Differentiation
Differential operators - Gradient
(Continue on the reverse side if needed)
Directional Derivatives

Thrust areas : Differentiate the given function

Skills to be learnt by students : problems

Examples / Illustrations * : Examples

Additional inputs * : -

Teaching Models used * : -

Teaching Aids used * : Smart Board

References cited * : S.chand publications by V.Venkateswara Rao

Student Activity Planned * after the teaching : Interaction

Activity Planned outside * class : -

Any other : classes starts from 10.06.2019


Signature of the
lecturer

Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B

KANDURUR - Prakasam Dist. A.P.


Signature of the
Department I/c

Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B

KANDURUR - Prakasam Dist. A.P.


Signature of the
Principal

PRINCIPAL
T.R.R. GOVT. DEGREE COLLEGE
NAAC Accredited B
KANDURUR-523 005 Prakasam Dist.

ANNEXURE -3
MODEL TEACHING PLAN (SYNOPSIS)

July-2019

III

Course : B.SC (MPC & MPCs) Subject : Mathematics

Paper : V

Topic : Differential Operators & Vector Integration

Hours Required : 13

Learning Objectives * : Evaluating the different types of integrals

Previous knowledge to be reminded : Properties of vectors

Topic Synopsis : Divergence of a vector

Solenoidal vector, Laplacian operator

Curl of a vector

Irrrotational vector

Vector Integration - Line, Surface and Volume Integrals

(Continue on the reverse side if needed)

Thrust areas

Laplacian operator

Skills to be learnt by students

To evaluate different types of integrals problems

Examples / Illustrations *

Examples

Additional inputs *

Teaching Models used *

—

Teaching Aids used *

Smart Board

References cited *

S. Chand publications by V. Venkateswara Rao

Student Activity Planned *
after the teaching

Interaction

Activity Planned outside *
class

Assignment

Any other

—


Signature of the
lecturer

Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B
KANDUKUR - Prakasam Dist.A.P


Signature of the
Department I/c

Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B
KANDUKUR - Prakasam Dist.A.P


Signature of the
P.R. Principal

T.R.R. GOVT. DEGREE COLLEGE
NAAC Accredited B
KANDUKUR-523 105 Prakasam Dist.

ANNEXURE -3
MODEL TEACHING PLAN (SYNOPSIS)

August-2019

III
Course : B.Sc (MPC & MPES) Subject : Mathematics Paper : V
Topic : Vector Integration Applications & Rings
Hours Required : 11
Learning Objectives * : Applications of Vector Integration
Previous knowledge to be reminded : Line, Surface and Volume Integrals
Topic Synopsis : Green's theorem
Gauss's Divergence theorem
Stokes theorem
Introduction of Rings
Boolean Rings

(Continue on the reverse side if needed)

Thrust areas : Gauss's Divergence theorem
Skills to be learnt by students : To apply the concerned theorem
Examples / Illustrations * : problems
Additional inputs * : Examples
Teaching Models used * : —
Teaching Aids used * : Smart Board
References cited * : S.Chand publications by V.Venkateswara Rao
Student Activity Planned * after the teaching : Interaction
Activity Planned outside * class : Quiz
Any other : MID Examinations Conducted


Signature of the
lecturer

Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B
KANDUKUR - Prakasam Dist. A.P.


Signature of the
Department I/c

Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B
KANDUKUR - Prakasam Dist. A.P.


Signature of the
Principal

T.R.R. GOVT. DEGREE COLLEGE
NAAC Accredited B
KANDUKUR-523 105 Prakasam, A.P.

ANNEXURE -3
MODEL TEACHING PLAN (SYNOPSIS)

September-2019

Course : III B.Sc (MPC & MPCs) Subject : Mathematics Paper : V

Topic : Sub Rings , Ideals & Homomorphism, Isomorphism of Rings

Hours Required : 10

Learning Objectives * : properties of Rings

Previous knowledge to be reminded : properties of Groups

Topic Synopsis : Integral Domains
Division Rings
Fields
Characteristic of a ring
Sub Rings , Ideals
Homomorphism & Isomorphism of Rings
Prime Ideals , Maximal Ideals

(Continue on the reverse side if needed)

Thrust areas : Characteristic of a ring

Skills to be learnt by students : properties of Rings

Examples / Illustrations * : problems

Additional inputs * : Examples

Teaching Models used * : -

Teaching Aids used * : Smart Board

References cited * : S.chand publications by v.venkateswara Rao

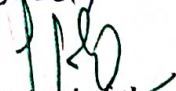
Student Activity Planned * after the teaching : Interaction

Activity Planned outside * class : Group Discussion

Any other : ANU Practical Examinations From 30.09.2019 TO 04.10.2019


Signature of the
Lecturer
Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B
KANDUKUR - Prakasam Dist A N


Signature of the
Department I/c
Ch. Suresh Kumar
LECTURER IN MATHEMATICS
T.R.R. Govt Degree College
NAAC Accredited B
KANDUKUR - Prakasam Dist A N


Signature of the
Principal
PRINCIPAL
T.R.R. GOVT. DEGREE COLLEGE
NAAC Accredited B
KANDUKUR-523 105, Prakasam Dist