

Name of the Department/Subject	POLITICAL SCIENCE
Name of the Lecturer	P.PRIYANKA
Course/Group	BA(HEP)
Paper	Course : 7B Local Administration
Name of the Topic	Decentralization of powers (Political, Administrative and Economic
Hours Required	12
Learning Objectives	Have knowledge on the need of empowerment and autonomy of LGIs
Previous Knowledge to remind	Relationship between local government authorities and Central and State Government
Examples/Illustrations	3. Provide an overview on financial resources and constitutional provisions..
Additional Inputs	Constitutional Development in India Develop communication skills to interact with the elected members and officials
Teaching Aids Used	Mobile phone
References Cited	charts
Student Activity Planned after teaching	BLACK BOARD SEMINAR, SLIP TEST,
Activities outside the class	Visit local Government Offices
Any other activity	SEMINAR, SLIP TEST, QUIZ

**Synopsis**  
The Election Commission of India (ECI) is vested with significant powers and functions to ensure the democratic process in the country remains fair, transparent, and efficient:

- 1. Conducting Elections:** The ECI is responsible for conducting elections to the Lok Sabha, Rajya Sabha, State Legislative Assemblies, and offices of the President and Vice-President of India.
- 2. Delimitation of Constituencies:** It determines the boundaries of constituencies for elections to ensure equal representation based on population changes.
- 3. Registration of Political Parties:** The ECI registers political parties that meet eligibility criteria, regulates their functioning, and allocates election symbols.
- 4. Monitoring Election Expenditure:** It monitors and regulates election expenditure by candidates and political parties to ensure compliance with legal limits.
- 5. Implementing Model Code of Conduct:** The ECI implements the Model Code of Conduct during election periods to ensure fair practices by candidates and political parties.
- 6. Overseeing Electoral Rolls:** It oversees the preparation and revision of electoral rolls to maintain accuracy and inclusion of eligible voters.
- 7. Ensuring Free and Fair Elections:** The ECI takes measures to prevent electoral malpractices, ensures the secrecy of the ballot, and addresses election-related disputes through its quasi-judicial powers.
- 8. Educational Initiatives:** It conducts voter education programs to promote awareness among voters about electoral processes and their rights.

Issues of Electoral Reforms, Voting Behaviour-Determinants and Problems of Defections

Overall, the Election Commission of India plays a crucial role in upholding the democratic principles and integrity of elections in the country through its wide-ranging powers and functions.

Signature of the Lecturer

Signature of the Principal

Name of the Department/Subject	Political Sciences
Name of the Lecturer	P. Priyanka
Course/Group	BA (HEP)
Paper	Course : 7BLocal Administration
Name of the Topic	Provide an overview on financial resources and constitutional provisions.
Hours Required	12
Learning Objectives	Revenue raising avenues for Local Governments-Grants.
Previous Knowledge to be reminded	3. Provide an overview on financial resources and constitutional provisions
Examples/Illustrations	
Additional Inputs	M
Teaching Aids Used	News papersS
References Cited	charts
Student Activity after teaching	SEMINAR, SLIP TEST, QUIZ
Activities planned outside the class	Nil
Any other activity	NIL
Synopsis	

Local government is the level of administration closest to citizens. It's smaller and more responsive, handling issues like roads, sanitation, parks, and schools. This grassroots approach allows for direct impact on daily lives and fosters a sense of community. Gandhi envisioned villages as self-governing units (Gram Swaraj) with strong Panchayats. Nehru saw local bodies as tools for development but with centralized planning. Ambedkar stressed empowering marginalized communities through local governments. The relationship between local governments and central/state governments is complex and can vary by country. Here's a breakdown:

**Interdependence:** Local governments rely on central/state for resources (funding, legislation) while the higher levels need local bodies for service delivery (schools, sanitation).

**Power Balance:** There's often a tension between central oversight (ensuring national goals) and local autonomy (flexibility to address local needs).

Local government is the level of administration closest to citizens. It's smaller and more responsive, handling issues like roads, sanitation, parks, and schools. This grassroots approach allows for direct impact on daily lives and fosters a sense of community. Local government is the level of administration closest to citizens. It's smaller and more responsive, handling issues like roads, sanitation, parks, and schools. This grassroots approach allows for direct impact on daily lives and fosters a sense of community..

Signature of the Lecturer

B. S. —  
Signature of the Principal

Name of the Department/Subject	Political Sciences
Name of the Lecturer	P. Priyanka
Course/Group	BA (HEP)
Paper	Course : 7BLocal Administration
Name of the Topic	Challenges for Local Administration, Financial, administrative
Hours Required	12
Learning Objectives	Analyse the issues, problems and conflicts in Local Administration
Previous Knowledge to be reminded	Enhance skills for observation
Examples/Illustrations	Have knowledge on the need of empowerment and autonomy of LGIs.
Additional Inputs	3. Provide an overview on financial resources and constitutional provisions..
Teaching Aids Used	Constitutional Development in India Develop communication skills to interact with the elected members and officials
References Cited	Government institutions
Student Activity Planned after teaching	charts
Activities planned outside the class	BLACK BOARD
Any other activity	charts
Synopsis	SEMINAR, SLIP TEST, QUIZ

. Role of Caste, Religion, Language and Regionalism in India

In India, caste, religion, language, and regionalism play pivotal roles in shaping socio-political dynamics. Caste influences social identity, political alliances, and access to resources, impacting electoral outcomes and policy decisions. Religion often intersects with politics, influencing voter behavior, communal relations, and policymaking on issues like personal laws and cultural practices. Language serves as a marker of identity and governance, influencing regional aspirations and demands for linguistic rights. Regionalism fosters local autonomy, leading to demands for economic development, resource allocation, and political representation, shaping federalism and national integration efforts in diverse ways.

  
Signature of the Lecturer

  
Signature of the Principal

Name of the Department/Subject	Political Sciences
Name of the Lecturer	P. Priyanka
Course/Group	BA (HEP)
Paper	Course : 7B Local Administration
Name of the Topic	Preparation of Reports-Minutes and Documentation-Types of Reports, Content
Hours Required	12
Learning Objectives	Analyse the issues, problems and conflicts in Local Administration .
Previous Knowledge to remind	
Examples/Illustrations	Have knowledge on the need of empowerment and autonomy of LGIs.
Additional Inputs	3. Provide an overview on financial resources and constitutional provisions..
Teaching Aids Used	Constitutional Development in India Develop communication skills to interact with the elected members and officials
References Cited	Government institutions
Student Activity Planned after teaching	charts
Activities outside the class	BLACK BOARD
Any other activity	charts
Synopsis	SEMINAR, SLIP TEST, QUIZ
<p>1. NITI Aayog , Finance Commission, Comptroller and Auditor General of India</p> <p>NITI Aayog, established in 2015, serves as the premier policy think tank of India, advising the government on strategic and developmental issues. It replaced the Planning Commission and focuses on cooperative federalism, fostering innovation, and sustainable development across states.</p> <p>The Finance Commission, constituted every five years under Article 280 of the Constitution, recommends the distribution of tax revenues between the Centre and States. It ensures fiscal equity, grants-in-aid, and financial autonomy, crucial for balanced regional growth and fiscal federalism.</p> <p>The Comptroller and Auditor General (CAG) of India audits government accounts and reports on financial compliance and efficiency. It ensures transparency, accountability, and prudent financial management across governmental bodies, essential for maintaining public trust and effective governance.</p> <p>Central Vigilance Commission, Central Information Commission, Lokpal and Lokayukta.</p> <p>The Central Vigilance Commission (CVC) oversees vigilance and anti-corruption measures within the central government, ensuring integrity and accountability in public administration through investigations and preventive measures.</p> <p>The Central Information Commission (CIC) ensures the implementation of the Right to Information (RTI) Act, facilitating transparency and access to government information, crucial for promoting accountability and citizen empowerment.</p> <p>Lokpal is an ombudsman institution at the central level, empowered to investigate allegations of corruption against public officials and ensure accountability through independent and impartial investigations</p>	

  
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Signature of the Principal

# PRR & VS Government College

(Accredited with 'B' by NAAC)

Vidavalur, SPSR Nellore Dist.



## TEACHING DIARY

2023 - 24

Name : K. Ravichandran Reddy.

Designation : Lecturer in Botany

Commissionerate of Collegiate Education, A.P.  
 PRR & VS Government College, Vidavalur, SPSR Nellore Dist.

TEACHING DIARY

Name of the Lecturer : K. Ravichandran Reddy				Name of the Department / Subject : Botany						
S No	Date	Class / Medium	Period / Time	Theory/ Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
	21-08-23	II	2	Theory	Introduction & Syllabus dictation	Lecture	6	B-D	Interactivity	Nil
	22-08-23	II	3	"	Meristems - theory	Lecture	6	PPT	Interactivity	Nil
	23-08-23	II	5	"	Epidermal tissue system	Lecture cum Demonstration	6	B-D PPT	Questioner	Nil
	24-08-23	II	3	"	Ground tissue system	"	6	"	Questioner	Nil
	25-08-23	II	1	Practical	Introduction & Syllabus dictation	Lecture	24	"	Interactivity	Nil
	26-08-23	II	4,5	Practical	Demonstration of tissue staining by using slides	"	6	"	Interactivity	Nil
	27-08-23				SUNDAY					
	28-08-23	II	2	Theory	Vascular Tissue Systems	Lectures	6	PPT	Questioner	Nil
	29-08-23	II	2	"	Boerhaave stem - Anomalous Sec. growth	Lectures & Demonstration	6	B-D Chart	Interactivity	Nil
	30-08-23	II	5	"	Dracopis stem - Anomalous sec. growth	"	6	"	Interactivity	Nil
	31-08-23	II	2	"	Teak - Timber, Economic Imp.	"	6	PPT	Assignment	Nil

Principal  
 Lecturer

Principal  
 Department I/C

Principal

Commissionerate of Collegiate Education, A.P.  
 PRR & VS Government College, Vidavalur, SPSR Nellore Dist.

TEACHING DIARY

Name of the Lecturer : K. Ravichandrab Reddy				Name of the Department / Subject : Botany						
S. No.	Date	Class / Medium	Period / Time	Theory/ Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
02	02/23	II B.A. 8:30am	1	Theory	Bredelivinsky	Lecture	24	PPT	Interactivity	✓
				Prac	The morphology of Tribus Bifurcation by using slides	Lecture cum-Demon	6	D.O, Microscope	Student Seminar	✓
03	03/23				SUNDAY					
04	04/23	II	2	Theory	Red Saunders - Timber, Trip.	Lecture cum-demonstr	6	PPT B.D	Interactivity	✓
05	05/23	II	3	"	Reverse - " "	"	6	PPT B.A	Interactivity	✓
06	06/23				KRISHNASTAMY					
07	07/23	II	2		Structure of Anther	Lecture cum-Demon	6	PPT B.D	Assignment	✓
09	09/23				Second Saturday					
10	10/23				SUNDAY					
11	11/23	II	3	Theory	To Return	Lecture	6	PPT B.D	Interactivity	✓
12	12/23	II	3	"	Microsporeogenesis	Lecture	6	B.D PPT	Quiz	✓
13	13/23	II	5	"	Development of Male gamete Phylo	Lecture	6	PPT B.D	Interactivity	✓
14	14/23	II	3	"	Structure of ovule	Lecture	6	Chart	Quiz	✓

*K. Reddy*  
Lecturer

*K. Reddy*  
Department I/C

*K. Reddy*  
Principal

TEACHING DIARY

S. No.	Date	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Name of the Department / Subject :	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
						Name of the Lecturer : K. Ravichandra Reddy				Self study	
15	07/23				C.L						
16	08/23				C.L						
17	09/23				SUNDAY						
18	09/23				Vinayaka charathu						
17	07/23	II	3	Theory	Megasporeogenesis - C.L		Lecture		PPT	Assignment	Nr 1
21	07/23	II	3	Theory	Embryonal development		Lecture		B.B. Chart	Interactivity	Nr 1
23	09/23	II	1	Theory	bio diversity			20	B.B. Chart	Quizzing	Nr 1
24	09/23	II	4,5	pra.	Armenian's sex ratio in population			3	B.B. Model	Disc	
25	09/23	II	2	Theory	Embryonal structure.		Lecture	3	B.B. Chart	Interactivity	Nr 1
26	09/23	II	3	Theory	Pollination		Lecture		PPT	Quiz	Nr 1
27	09/23	II	5	Theory	fertilization		"	4	PPT	Interactivity	Nr 1

Ravi  
Lecturer

Ravi  
Department I/C

Principal



TEACHING DIARY

Name of the Lecturer : K. Ravichandrar Reddy				Name of the Department / Subject : Botany						
S. No.	Date	Class / Medium	Period / Time	Theory/ Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
	12/10				SUNDAY					
	16/10				Gandhi Jayanthi					
	05/10	II	3	Theory	Endosperm	Lecture	4	PPT	Interning	N/A
	04/10	II	5	Theory	Endosperm		3	PPT	Question	N/A
	05/10	II	3	Theory	Decot Embryodvelopment		4	"	Interning	N/A
	07/10	II	4,5	Theory	Endosperm		23	Lecture	Question	N/A
	10/10	II	4,5	Pra	Study of Anther by using Slides		4		Student Seminar	N/A
	08/22				SUNDAY					
	10/10	II	3	Theory	Branches of Ecology	Lecture	4	B.S.	Assignment	N/A
	10/10	II	3	Theory	Light Factor	Lecture	5	B.S.	Question	N/A
	11/10	II	5	Theory	Temperature Factor	"	4	"	Interning	N/A
	12/10	II	3	Theory	Soil factor	"	4	"	Student Seminar	N/A

Lecturer

Department

Principal

TEACHING DIARY

Name of the Lecturer : K. Ravichandra Reddy  
 Name of the Department / Subject : Botany

S. No.	Date	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
	14 <sup>th</sup> 10/23				second Saturday					
	15 <sup>th</sup> 10/23				Sunday					
	16-10-23	1st			Dussehra holidays.					
	24-10-2023									
	25 <sup>th</sup> 10/23	II	5	Theory	Biotic factors	Lecture	4	B. & .	Interactions	N/A
	26 <sup>th</sup> 10/23	II	1	Practical	Field trip				field trip	N/A
	28 <sup>th</sup> 10/23	II	1	Theory	Biotic factor.					
	29 <sup>th</sup> 10/23	II		Practical	Study of work by using 5th Sem. Demonstration		4	B. & .	Student Seminar	N/A
	30 <sup>th</sup> 10/23	II	3	Theory	Biotic factor			4		
	31 <sup>st</sup> 10/23	II		Theory	C.L					

*K. Ravichandra Reddy*  
 Lecturer

*K. Ravichandra Reddy*  
 Department H/C

*K. Ravichandra Reddy*  
 Principal

PRR & V'S Government College, Vidavalur, SPSR Nellore Dist.

TEACHING DIARY

Name of the Lecturer : K. Ravichandrar Reddy				Name of the Department / Subject : Botany						
Sl. No.	Date	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
1	11/03	II	5	Theory	Ecosystems - components	Lecture	4	PPT, A.D	Interactives	Nil
2	11/03	II	1	Theory	Food chain, food web.	Lecture	4	A.D	Interactives	Nil
3	11/03	II	4.5	Prac.	study of pollen germination and viability	Lecture	4	B.V	Student Seminar	
4	11/03	II	3	Theory	Ecological Pyramids	Lecture	4	PPT, A.D	Assignment	Nil
5	11/03	II	3	Theory	Hydrosere	Lecture	4	PPT, A.D	Interactives	Nil
6	11/03	II	3	Theory	Xerosere	Lecture	3	PPT	Interactives	Nil
7	11/03	II	3	Theory	Community ecology	Lecture	3	A.D	Interactives	Nil
8	11/03	II	1	Theory	Pollination	Lecture	22	A.D	Interactives	Nil
9	11/23	II			Second Saturday					
10	11/23	II			SUNDAY					
11	11/25	II			DIVALI					

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Principal

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Department DC

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Principal

Commissionerate of Collegiate Education, A.P.  
 PRR & VS Government College, Vidavalur, SPSR Nellore Dist.

**TEACHING DIARY**

Name of the Lecturer :				Name of the Department / Subject :				Remarks		
K. Ravichandran Reddy				Biology						
S. No.	Date	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
	14/23	II	3	Theory	CL					
	15/23	II	5	Theory	Community Ecology.	Lecture		PPT a.s	Questioner	Nil
	16/23	II	1	Practical	Pelletiser	Lecture	20	PPT a.s	Interactivity	Nil
	17/23	II	3	Theory	Population Ecology	Lecture	3	PPT a.s	Interactivity	Nil
	18/23	II	1	Theory	Schistosome management	Lecture	20	PPT a.s	Student Seminar	Nil
	19/23	II			Employment for handloom	Demonstration	4	Mr. Sankar	Questions	Nil
	19/23	II			SONDAY					
	20/23	II	3	Theory	Ecology & Ecosys	Lecture	3		Assignment	Nil
	20/23	II			CL					
	20/23	II	1	Theory	Schistosome management	Lecture	22	PPT a.s	Questioner	Nil
	20/23	II	3	Theory	Biodiversity - levely	Lecture	4	PPT a.s	Interaction	Nil
	23/23	II	1	Theory	Schistosome management	Lecture	23	PPT a.s	Interactivity	Nil
	23/23	II	3	Theory	Biodiversity - levely.	Lecture	3	PPT a.s	Questions	Nil

*[Signature]*  
Lecturer

*[Signature]*  
Department Head

*[Signature]*  
Principal

TEACHING DIARY

Name of the Lecturer : <i>K. R. Rajeshwari Reddy</i>				Name of the Department / Subject : <i>Business</i>						
S. No.	Date	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
1	25/11	II	11	Prac	Structure of Financial Accounting	Lecture	22	PPT	Interlocking	Nil
2	26/11	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
3	27/11	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
4	28/11	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
5	29/11	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
6	30/11	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
7	01/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
8	02/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
9	03/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
10	04/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
11	05/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
12	06/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
13	07/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
14	08/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
15	09/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
16	10/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
17	11/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
18	12/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
19	13/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
20	14/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
21	15/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
22	16/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
23	17/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
24	18/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
25	19/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
26	20/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
27	21/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
28	22/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
29	23/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil
30	24/12	II	11	Prac	Structure of Financial Accounting	Prac	4	PPT, A.O.	Assignment	Nil

*Rajeshwari Reddy*  
Lecturer

*Rajeshwari Reddy*  
Department I/C

*Rajeshwari Reddy*  
Principal

TEACHING DIARY

Name of the Lecturer :				Name of the Department / Subject :						
K. Rasheedhas Baby				Botany						
S. No.	Date	Class / Medium	Period / Time	Theory/ Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
08	12/23	II B.Sc. Botany	1	Theory	Biodiversity	lecture	23	PPT A.D	Question Ans	N7
				Prac.	Study of Ecosystems	lecture	4	N	Assignment	N7
03	12/23				SUNDAY					
04	12/23	to 06/23			Holiday declared due to cycle time					
07	12/23	II B.Sc. Botany		Theory	Pollination.	lecture	23	PPT A.D	Q. Answer	N7
			3	Theory	Adaptation of Hydrophytes & Xerophytes	lecture	3	N	Interacts	N7
09	12/23				Second Saturday					
10	12/23				SUNDAY					
11	12/23		3	Theory	Ecological succession	lecture	4	PPT, A.D	Assignment	N7
18	12/23		3		Biotic factor	lecture	3	PPT	Interacts	N7
	13-12-23 to 17-12-23				Preparation holidays for University Exams.					
	18-12-23 to 19-01-2024				University Exams.					

13-12-2023 to 20-12-2023 to 21-01-24 Pongal Holidays

*[Signature]*  
Lecturer

*[Signature]*  
Department I/C

*[Signature]*  
Principal

Sem-IV - Plant Physiology & Metabolism  
 Commissionerate of Collegiate Education, A.P.  
 Jan-2024

Sem - V - Plant Propagation  
 PRR & VS Government College, Vidavalur, SPSR Nellore Dist.

TEACHING DIARY

Name of the Lecturer : K. Raveendran Reddy

Subject : Botany

S. No.	Date	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
29	01/01/24	III	3	4	1)	Lecture		B-S	Interactions	N-1
30	01/01/24	III	2	Thyory	Plant Propagation - Sexual method.	Lecture method		B-S PPT	Questions	N-1
31	01/01/24	II	4	7	Preperties of water, Diffusion, Imbibition, Osmosis <i>Attended 7th Progsession at Die in college, Nellore</i>	Lecture Seminar		PPT	Interactions	N-1
32	01/01/24	I	3	Thyory	Water Potential	Lecture		B-S PPT	Interactions	N-1
33	01/01/24	III	1, 2	Pr. Pr.	<i>Republic Day</i> Preparation of Nursery beds demonstration	Demonstration	4		Interactions	N-1
34	01/01/24	III	2	Thyory	C.L. Asexual method of Plant Propagation	Lecture		B-S PPT	Questions	N-1
35	01/01/24	II	4	1	Absorption of water	Lecture		B-S PPT	Assignment	

Principal

Department Head

Principal



TEACHING DIARY

Name of the Lecturer: V. Parashanda Reddy

Name of the Department / Subject: Botany

S. No.	Date	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
	01/24	II	3	Theory	Absent of sep	Lecture	4	B.S. ppt	Question	ng
	01/24	I	1, 2	Prac		Demonstration	6	B.S.	Interact	ng
	03/24	III	1, 2	Prac	Demonstration of propagation by division & separation	Demonstration	5	PPT & B.S.	Interact	ng
		II	4, 5	Prac	Calculation of stomatal Index and frequency	L/D	4	PPT & B.S.	Interact	ng
	04/24				<b>SUNDAY</b>					
	05/24	II	2	Theory	Absent of sep	Lecture	4	B.S. ppt	Question	ng
		III	3	Prac	Prop-ns only by division & separation	Lecture	5	B.S. ppt	Interact	ng
	06/24	III	2	Prac	Prop-ns only by division & separation	"	4	B.S. ppt	Interact	ng
		II	4	Prac	Transpiration	Lecture	4	B.S.	Question	ng
	07/24	III	1	Prac	Adomixing	Lecture	6	B.S.	<del>Interact</del>	ng
		II	2	Prac	Transpiration	Lecture	4	B.S.	Question	ng
		III	4	Prac	Adomixing	Lecture	4	B.S. ppt	Interact	ng
	08/24	II	3	Prac	Mineral Nutrition	Lecture	4	B.S. ppt	Assignment	ng

V. Parashanda Reddy  
Lecturer

V. Parashanda Reddy  
Department TC

V. Parashanda Reddy  
Principal

Commissionerate of Collegiate Education, A.P.

PRR & VS Government College, Vidavalur, SPSR Nellore Dist.

TEACHING DIARY

Name of the Lecturer : K. Raveendrababu Reddy

Name of the Department / Subject : Chemistry

S. No.	Date	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
92 <sup>02</sup> 924		I	1, 2	Practical		Demonstrative	1		Interests	Nil
10 <sup>02</sup> 1034		III	1, 2	Practical	Second Saturday					
11 <sup>02</sup> 1126		II	4, 5	Practical	SUNDAY					
12-02-24					ND. Spetvalution Camp at VCU					
24-02-24					SUNDAY					
25 <sup>02</sup> 2526					SUNDAY					
26 <sup>02</sup> 2626		II	2	Theory	Micro metrics	Lecture	4	B.G. ppt	Interests	Nil
27 <sup>02</sup> 2724		III	3	"	Poly embossing	"	5	B.G. ppt	Assignment	Nil
28 <sup>02</sup> 2824		IV	2	"	Poly embossing	"	5	B.G.	Questions	Nil
29 <sup>02</sup> 2924		V	2	"	Mineral absorption	"	4	B.G.	Interests	Nil
30 <sup>02</sup> 3024		VI	1	"	Preparation of MgO, CaO	"	5	B.G.	Interests	Nil
31 <sup>02</sup> 3124		VII	2	"	Enzymes	"	4	B.G.	Interests	Nil

Lecturer

Department TIC

Principal



TEACHING DIARY

Name of the Lecturer : V. Ravichandra Reddy

S. No.	Date	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Name of the Department / Subject	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
	06/03	III	1	Theory	Preparation by cutting	B.Sc. BPT	LSD method	5	B-1 PPT	Question	NF
		II	2	4	Enzymes	B-1	lecture 4	4	B-1	Interactivity	NF
		III	4	4	Preparation by cutting	B-2 BPT	LSD method	5	B-2 BPT	Interactivity	NF
	07/24	II	3	4	Respiration	B-1 BPT	lecture 4	4	B-1 BPT	Interactivity	NF
	08/24				mitochondria						
	09/24				Second Saturday						
	10/24				Sunday						
	11/24	II	2	Theory	Respiration	B-1 BPT	lecture 4	4	B-1 BPT	Assignment	NF
		III	3	4	Preparation by cutting	B-1	LSD method	5	B-1	Question	NF
	12/24	III	2	4	Preparation by cutting	B-1	LSD method	5	B-1	Interactivity	NF
		II	4	4	Respiration	B-1	lecture 4	4	B-1	Interactivity	NF
	13/24	III	1	4	Preparation by cutting	B-1	LSD method	4	B-1	Assignment	NF
		II	2	4	Photosynthesis	B-1	lecture 4	4	B-1	Question	NF

*[Signature]*  
Lecturer

*[Signature]*  
Department I/C

*[Signature]*  
Principal

**TEACHING DIARY**

Name of the Lecturer : <i>R. Parvathidevi</i>				Name of the Department / Subject : <i>Botany</i>						
S. No.	Date	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
		III	4	Theory	Prep-Seton by cutting	LSD method	4	0.05 pic	Interactve	Nil
	14/08/24	II	3	Theory	Photo Synthesis	Lecture	4	0	Interactve	Nil
	15/08/24	I	1, 2	Prac		Demonstratn	5	A-P, P-P	Interactve	Nil
	16/08/24	III	1, 2	Prac	Demonstration of Propagation by cutting	Demonstration	4	A-P, P-P	Interactve	Nil
		II	4, 5	Prac	Demonstration of Cell Experiment	4	4	A-S	Assignment	Nil
	17/08/24				<b>SUNDAY</b>					
	18/08/24	I	2	Theory	Photo Synthesis	Lecture	4	A-P, P-P	<b>Field Trip</b>	
		III	3	4	Preparation by layering	LSD Meth	5	4	Questions	Nil
	19/08/24	III	2	11	Preparation by layering	LSD Meth	5	4	Interactve	Nil
		II	4	11	Micrological M. fixation	Lecture	4	4	Questions	Nil
	20/08/24	III	1	11	Preparation by layering	LSD Meth	4	4	Assignment	Nil
		II	2	11	Micrological M. fixation	Lecture	4	4	Interactve	Nil
		IV	4	11	Preparation by layering	LSD Meth	5	4	Interactve	Nil

*R. Parvathidevi*  
Lecturer

*R. Parvathidevi*  
Department H.C.

*R. Parvathidevi*  
Principal

TEACHING DIARY

Name of the Lecturer: K. Raveendhar Reddy

Name of the Department / Subject: Botany

S. No.	Date	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks	Date
21	21/11	II	3	Theory	lipid metabolism	lecture	3	L.O ppt	Questions	N1	30/11
22	22/11	I	1.2	Practical		Demonstration	5		Interactivity	N1	
23	23/11	II	1.2	Practical	Reconstitution of PIPPIP by layers Demonstration of effect of Temp. on permeability	4	5		Interactivity	N1	31/11
24	24/11	II	4.15	Practical		4	8		Assessment	N1	
25	25/11	II	2		SUNDAY					N1	
26	26/11	II	2		Holi					N1	
27	27/11	II	2	Theory	Preparation by layers	L.S.D Micrographs	5	L.S.D ppt	Student Exam	N1	
28	28/11	II	4	4	lipid metabolism	lecture	4	4	Student Exam	N1	
29	29/11	II	1	4	Preparation by layers	L.S.D Micrographs	5	4	Interactivity	N1	
30	30/11	II	2	4	Photosynthesis	lectures	4	4	Interactivity	N1	
31	31/11	II	4	4	Preparation by layers	L.S.D Micrographs	4	7	Questions	N1	
32	32/11	II			Good Friday					N1	

Lecturer

Department I/C

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TEACHING DIARY

Name of the Lecturer : K. Ravichandrar Reddy				Name of the Department / Subject : Botany						
S. No.	Date	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
01/04	01/04	II	2	Theory	Phytohormones	Lecture 4		B.S	Interactive	17
02/04	02/04	III	3	"	Preparation by grafting	LS-D method 5		B-S, PPT	Question	17
03/04	03/04	III	2	"	Preparation by grafting	LS-D method 5		"	Interactive	17
04/04	04/04	II	4	"	Phytohormones	Lecture 4		B.S	Interactive	17
05/04	05/04	III	1	"	Preparation by budding	LS-D method 5		B-S, PPT	Question	17
06/04	06/04	II	2	"	Phytohormones	Lecture 4		"	Interactive	17
07/04	07/04	III	4	"	Preparation by budding	LS-D method 4		"	Question	17
08/04	08/04	II	3	"	Phytohormones	Lecture 4		"	Interactive	17
09/04	09/04	III	3	"	Phytohormones	Lecture 4		"	Question	17
10/04	10/04	III	3	"	Phytohormones	Lecture 4		"	Question	17
11/04	11/04	III	3	"	Phytohormones	Lecture 4		"	Question	17
12/04	12/04	III	3	"	Phytohormones	Lecture 4		"	Question	17
13/04	13/04	III	3	"	Phytohormones	Lecture 4		"	Question	17
14/04	14/04	III	3	"	Phytohormones	Lecture 4		"	Question	17
15/04	15/04	III	3	"	Phytohormones	Lecture 4		"	Question	17
16/04	16/04	III	3	"	Phytohormones	Lecture 4		"	Question	17
17/04	17/04	III	3	"	Phytohormones	Lecture 4		"	Question	17
18/04	18/04	III	3	"	Phytohormones	Lecture 4		"	Question	17

*[Signature]*  
Lecturer

*[Signature]*  
Department I/C

*[Signature]*  
Principal

TEACHING DIARY

Name of the Lecturer: K. Ravisundar Reddy					Name of the Department / Subject: Betany					
S No.	Date	Class / Medium	Period / Time	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students Attended	Teaching Aids Used	Student Activity Conducted	Remarks
	29/03/2024	---	---	---	Ugals	---	---	---	---	---
	05/04/2024	III	1	Theory	Protein	lecter 5	---	PPT. as interaction	---	Nil
		II	2	"	Phytochrome	lecter 3	---	PPT. as Question	---	Nil
		II	4	"	Quelling	lecter 5	---	PPT. as Interaction	---	Nil
	11/04/2024	---	---	---	Ramzan	---	---	---	---	---
	12/04/2024	I	1,2	Prac.	Specimen Identification	Procter 2	---	---	---	---
	13/04/2024	---	---	---	Second Saturday	---	---	---	---	---
	14/04/2024	---	---	---	Sunday	---	---	---	---	---
	15/04/2024	---	---	---	OD. Elective training at	---	---	---	---	---
	16/04/2024	---	---	---	Annual day - 2024	---	---	---	---	---
	17/04/2024	---	---	---	Sri Rama Navami	---	---	---	---	---
	18/04/2024	To	20-04-2024	2024	Preparatory holidays	---	---	---	---	---
	20/04/2024	To	---	---	VSU Sem-II, IV, V final Examination	---	---	---	---	---

*(Signature)*

Deputy Principal

Principal

# PRR & VS Government College

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Vidavalur, SPSR Nellore Dist



## Teaching Plan 2023-24

A Course in Communication and Soft Skills (Semester – I)

Name: Dr. V. Sri Rama Murthy

Designation: Lecturer in English

Commissionerate of Collegiate Education, A.P.  
 PRR & VS Government College, Vidavalur, SPSR Nellore Dist  
 Teaching Plan

Name of the Topic	Listening Skills
Hours required	3
Learning Objectives	To Teach Listening skills
Previous knowledge to be reminded	Previous knowledge about LSRW skills
Topic Synopsis	<p>Listening is the first of the four skills in communication viz., Listening, Speaking, Reading and Writing. It is considered a very important skill in achieving one's goals. Good listening is necessary for learning knowledge, understanding what others are saying, understanding attitude and behaviour of the speaker, communicating better, improving relations and improving negotiation skills. By listening attentively, one can ask good questions, respond to others' questions very well, avoid misunderstanding, understand others' feelings and solve the problems of a situation easily. Good interpersonal skills and good communication skills are based on good listening skills. Good listeners are appreciated as knowledgeable people as they understand the true meaning of what they listen to. They can become influential speakers as they learn from others. Knowing how to listen properly will ensure a greater level of success in a career environment. Listening is a necessity to be successful in life, and it assists in improving one's personality.</p>
Examples/Illustrations	Examples of good audio material
Additional inputs	-----
Teaching Aids used	Text Book and black board
References cited	-----
Student Activity planned after the teaching	Discussion
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
Lecturer

  
Department I/C

  
Principal

Commissionerate of Collegiate Education, A.P.  
 PRR & VS Government College, Vidavalur, SPSR Nellore Dist  
 Teaching Plan

Name of the Topic	Phonetics - Word Stress
Hours required	3
Learning Objectives	To teach emphasis on syllables
Previous knowledge to be reminded	Previous exposure to such prose lessons
Topic Synopsis	<p>In English, words are made up of syllables. If a word has more than one syllable, all the syllables are not equally prominent; one of the syllables is more prominent than the others. This is called word stress. It is a very important feature of spoken English. Mastering the subject of word stress is not easy, as there are many rules and exceptions. While native speakers do it naturally, English learners have to learn through a lot of practice and repetition.</p> <p><b>Word Stress Rules</b></p> <p>Nouns and adjectives with two syllables have the stress usually on the first syllable.              e.g. 'Table, 'Scissors, 'Pretty, 'Clever</p> <p>Exceptions (due to a word was borrowed from another language or it could be totally random):              Ho'tel, Ex'treme, Con'cise,</p> <p>Verbs and prepositions with two syllables have the stress usually on the second syllable.              e.g. Pre'sent, Ex'port, A'side, Be'tween</p> <p>Three syllable words ending in "er" and "ly" often have a stress on the first syllable.              e.g. 'Orderly, 'Quietly, 'Manager</p>
Examples/Illustrations	Examples on stress
Additional inputs	-----
Teaching Aids used	Text Book and black board
References cited	-----
Student Activity planned after the teaching	Discussion
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
Lecturer

  
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PRR & VS Government College, Vidavalur, SPSR Nellore Dist  
Teaching Plan

Name of the Topic	Phonetics - Intonation
Hours required	2
Learning Objectives	To teach speaking skills
Previous knowledge to be reminded	Previous knowledge in Intonation
Topic Synopsis	<p>The falling tone (↘): In the falling tone, the voice of the speaker begins at a high note and comes down to a low one on a single syllable. Functions of the falling tone: The falling tone is usually used for the following types of sentences: Statements which are complete and definite: e.g. You have an extra class at nine tomorrow. Wh- questions asked neutrally or in a matter-of-fact manner: e.g. When is the night train for Mumbai? Commands: e.g. Come and meet me in the department. Exclamations: e.g. What a pleasant surprise! Question tags expecting confirmation or agreement (where the listener is expected to agree): e.g. You're on holiday, aren't you? Yes, I am.</p> <p>The rising tone (↗): In the rising tone, the voice starts at a low note and rises to a high one. Functions of the rising tone: The rising tone is used with the following cases: Incomplete utterances: the first clause of a sentence or a tone group at the end. e.g. When I went to Agra, it was winter there. Yes/No type questions: e.g. Are you coming? Wh- questions showing politeness, friendliness, warmth, concern and personal interest: e.g. How is your father? Requests or statements intended to sound like requests: e.g. Pass me the bowl, please. Statement intended to be a question: e.g. You came this morning? Question tags while asking for information: e.g. You're on holiday, aren't you? No, I'm no. Greetings and wishes: e.g. Good morning. Exclamations used as questions: e.g. Really?</p>
Examples/Illustrations	Examples
Additional inputs	-----
Teaching Aids used	Text Book and black board
References cited	-----
Student Activity planned after the teaching	Discussion
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
Lecturer

  
Department I/C

  
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Commissionerate of Collegiate Education, A.P.  
 PRR & VS Government College, Vidavalur, SPSR Nellore Dist  
 Teaching Plan

Name of the Topic	Grammar - Tenses
Hours required	2
Learning Objectives	To teach language through grammatical aspects
Previous knowledge to be reminded	Previous knowledge in grammar
Topic Synopsis	<p>1. Simple Past Tense: •An Action which was completed at a definite time in the past.                      •To Express an Imaginary or Improbable Condition.</p> <p>2. Past Continuous Tense: •An Action which was going on at sometime in the past. •An Action with 'always' to show a frequently repeated past action, which often annoys the speaker.</p> <p>3. Past Perfect Tense: •An action which was completed before another action started in the past.                      •To express the unfulfilled or impossible condition.</p> <p>4. Past Perfect Cont. Tense: •An Action which began and continued up to some point of time in the past.</p> <p>5. Simple Present Tense: •Habitual, regular or often repeated action. •A general or universal truth. •A planned future action.                      •Historic present. •Dramatic present (Stage Directions). •The Open or Probable Condition.</p> <p>6. Present Continuous Tense: •An Action that is taking place at the time of Speaking. •An Action happening about this time but not necessarily at the time of Speaking. •To express futurity.</p> <p>7. Present Perfect Tense: •An Action which took place in past and has connection with the present.                      •An Action used with 'just' to express a recently completed action. •A Past Action whose time is not given and not definite.</p> <p>8. Present Perfect Continuous Tense: •An Action which began in the Past and is Continuing at Present. (Past to Present and beyond).</p> <p>9. Simple Future Tense: •An Action that will take place in Future.</p> <p>10. Future Continuous Tense: •An Action that will be going on at some point of time in the Future.</p> <p>11. Future Perfect Tense: •An Action that will be completed before a certain point of time in the Future.</p> <p>12. Future Perfect Continuous Tense: •An Action that will be going on over a period of time that will end in the future or up to some point in the Future.</p>
Examples/Illustrations	Examples
Additional inputs	-----
Teaching Aids used	Text Book
References cited	-----
Student Activity planned after the teaching	Discussion
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
Lecturer

  
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Commissionerate of Collegiate Education, A.P.  
 PRR & VS Government College, Vidavalur, SPSR Nellore Dist  
 Teaching Plan

Name of the Topic	Grammar - Articles
Hours required	3
Learning Objectives	To teach language through grammatical aspects
Previous knowledge to be reminded	Previous knowledge in grammar
Topic Synopsis	<p>'A / an and the' are called Articles. These are also called Demonstrative Adjectives.</p> <p>Articles can be categorised into – Indefinite Article and Definite Article.</p> <p>1. Indefinite Article: 'A'/'an' is called indefinite article because it does not refer to a particular person or thing. e.g. a student, a book.</p> <p>2. Definite Article: 'The' is called definite article because it refers to a particular person or thing. e.g. the student, the book.</p> <p>The use of 'a' or 'an' depends on the pronunciation of the word before which it is used.</p> <p>'An' is used before the words which start with Vowel Pronunciation.        e.g. An apple, an elephant, an orange, an umbrella, an honourable man, an hour.</p> <p>'A' is used before the words which start with Consonantal Pronunciation.        e.g. A car, a book, a European, a one-eyed man, a university.</p> <p>The Uses of 'a' or 'an'</p> <p>It is mainly used in the sense of one.        eg. He bought a mango, and she bought an orange.</p> <p>It is used in the sense of every or a single.        eg. He gets ten thousand rupees a month. (every). He was not given even a chance to correct himself. (a single)</p> <p>The Uses of 'the'</p> <p>It is used to point out a particular person or a thing. e.g. the man, the book.</p> <p>It is used before a noun which is the only one of its kind or class. e.g. the sky, the moon, the earth.</p> <p>No article should be used:        Before proper nouns. e.g. Ravi is a good boy.        Before material nouns. e.g. Gold is a precious metal.</p>
Examples/Illustrations	Examples
Additional inputs	-----
Teaching Aids used	Text Book and board
References cited	-----
Student Activity planned after the teaching	Discussion
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
Lecturer

  
Department I/C

  
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Commissionerate of Collegiate Education, A.P.  
 PRR & VS Government College, Vidavalur, SPSR Nellore Dist  
 Teaching Plan

Name of the Topic	Preposition
Hours required	3
Learning Objectives	To teach language skills through grammatical aspects
Previous knowledge to be reminded	Previous knowledge in grammar
Topic Synopsis	<p>A Preposition is a word placed before a noun or a pronoun to show the relation between the noun or pronoun and another word in the sentence.</p> <p>Use of some prepositions:</p> <p>By, With: 'By' denotes the doer or agent. 'With' denotes the instrument. Used by the agent. e.g. He was killed by a thief with a knife.</p> <p>In, At, To, Into: 'In and at' are used when we speak of a thing or person at rest. To and Into are used when we speak of a thing or a person in motion. e.g. The pen is in the box. He is at the top of the class. He ran to the school. He jumped into the river.</p> <p>On, Upon: On is used for the thing or persons which are at rest. e.g. The book is on the table. Upon is used for the things or persons in motion. e.g. The tiger jumped upon the ass.</p> <p>For, Since, From: 'For' is used for a period of time. 'Since' is used for a point of time, and it is used only with perfect tenses. 'From' is also used for a point of time, and it is used with all tenses. e.g. I have been waiting here for two hours. He waited for his friend for one hour. He has been living there since 2016. He lived here from 2010 to 2015.</p> <p>In, Within: 'In' before a noun denoting a period of time means 'at the end of', 'within' means 'before the end of'. e.g. He will return in an hour (=at the end of an hour). He will return within an hour (=before the end of an hour).</p>
Examples/Illustrations	Examples from Internet sources
Additional inputs	-----
Teaching Aids used	Text Book and black board
References cited	-----
Student Activity planned after the teaching	Discussion
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
Lecturer

  
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 Teaching Plan

Name of the Topic	Speaking Skills- Yes, We Can - Barack Obama
Hours required	3
Learning Objectives	To teach speaking skills
Previous knowledge to be reminded	Previous knowledge about speaking skills
Topic Synopsis	<p>'Yes, We Can' was a speech made by Barack Obama, 44th President of the USA and the first African-American to hold this office. He was awarded Nobel Peace Prize in 2009. He is known for delivering inspiring speeches.</p> <p>President-elect Barack Obama spoke to the world from his home city of Chicago as he became the first black President of the United States. His speech focussed on the major issues facing the United States and the world. This speech is about change, reaching for a higher purpose and uniting to solve the problems in America. He greets Chicago and says that his winning is the answer for those who still question the power of their democracy. Americans sent a message to the world that they had never been just a collection of individuals or a collection of red states and blue states. They would always be the United States of America. He expressed his gratitude to all in his speech. In his speech, Obama repeats the slogan 'yes we can'. This acts like an encouragement that all things are possible and the people of America are able to overcome all difficulties that they may come across in the journey towards complete economic and social freedom. It points that more change is yet to come during Obama's presidency. Finally, it also epitomizes that American dream which every citizen of the country can realize through maintaining a positive mentality in life.</p>
Examples/Illustrations	Examples of famous speeches
Additional inputs	-----
Teaching Aids used	Text Book
References cited	-----
Student Activity planned after the teaching	Speaking and Discussion
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
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PRR & VS Government College, Vidavalur, SPSR Nellore Dist  
Teaching Plan

Name of the Topic	Soft Skills
Hours required	3
Learning Objectives	To teach soft skills
Previous knowledge to be reminded	Previous knowledge about soft skills
Topic Synopsis	<p>SWOT / SWOC stands for Strengths, Weaknesses, Opportunities and Threats/Challenges. It is a scientific tool for an individual or organization to study these four elements for existing status and plan for future. The main and typical problem of today's youth is familiarity with many things and ignorance of own self. In order to achieve in life, one has to know oneself and build strong personality. The following are some of the advantages of SWOC analysis.</p> <ul style="list-style-type: none"> <li>• SWOC analysis shows why people are unable to reach their goals in life.</li> <li>• It helps to understand various ways to reach your goal.</li> <li>• It is beneficial to recognize both the opportunities available and the threats to face.</li> <li>• By realizing weaknesses, one can overcome and escape threats.</li> <li>• Its framework makes you unique from your peers by showing your rare talents.</li> <li>• It points out the need to boost your career and assists you to reach your personal goals.</li> <li>• Knowing and using your strengths can make you potential and turns you a quality person.</li> <li>• Used in an employment context, it stirs you to excel in your profession.</li> <li>• It discloses opportunities that you need to be utilized.</li> <li>• It also helps to peep into yourself so that you can draft your career plan and complete successfully.</li> </ul>
Examples/Illustrations	Examples of SWOC analysis
Additional inputs	-----
Teaching Aids used	Text Book
References cited	-----
Student Activity planned after the teaching	SWOC Analysis and Discussion
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
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# PRR & VS Government College

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Vidavalur, SPSR Nellore Dist



## Teaching Plan 2023-24

English Praxis Course-III: A Course in  
Conversational Skills (Semester – III)

Name: Dr. V. Sri Rama Murthy

Designation: Lecturer in English

Commissionerate of Collegiate Education, A.P.  
 PRR & VS Government College, Vidavalur, SPSR Nellore Dist  
 Teaching Plan

Name of the Topic	Tryst with Destiny
Hours required	3
Learning Objectives	To teach language skills through speech
Previous knowledge to be reminded	Previous knowledge about Jawaharlal Nehru
Topic Synopsis	<p>'Tryst with Destiny' was a historical speech made by Jawaharlal Nehru, the first Prime Minister of India. This speech was made to the Indian Constituent Assembly on the eve of India's Independence, on the midnight of 14 August 1947. It is one of the greatest speeches of the 20th century. It shows the essence of Indian triumph over British colonial rule.</p> <p>Nehru began his speech by referring to the pledge made by Indians long years ago to win the freedom for the homeland. Freedom finally has come, and so Nehru asks the people of India to dedicate themselves to the service of India. He opines that freedom and power bring responsibility. He feels that service of India means the service of the millions who suffer. It means the ending of poverty, disease and inequality of opportunity. The ambition of the greatest men of our generation has been to wipe every tear from every one. He strongly advises the people to work hard to give reality to the dreams of the nation. Freedom brings responsibilities and burden. So, we have to face them in the spirit of a free and disciplined people. He recollects Mahatma Gandhi in this speech and refers to him as the Father of our Nation and Architect of this Freedom. He says that we promise ourselves to cooperate with the people of the world in furthering peace, freedom and democracy.</p>
Examples/Illustrations	Examples from Jawaharlal Nehru
Additional inputs	-----
Teaching Aids used	Text Book and Black Board
References cited	-----
Student Activity planned after the teaching	Discussion
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

*[Signature]*  
Lecturer

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Department I/C

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 Teaching Plan

Name of the Topic	Yes, We Can
Hours required	3
Learning Objectives	To teach language through speech
Previous knowledge to be reminded	Previous knowledge about Obama
Topic Synopsis	<p>'Yes, We Can' was a speech made by Barack Obama, 44th President of the USA and the first African-American to hold this office. He was awarded Nobel Peace Prize in 2009. He is known for delivering inspiring speeches.</p> <p>President-elect Barack Obama spoke to the world from his home city of Chicago as he became the first black President of the United States. His speech focussed on the major issues facing the United States and the world. This speech is about change, reaching for a higher purpose and uniting to solve the problems in America. He greets Chicago and says that his winning is the answer for those who still question the power of their democracy. Americans sent a message to the world that they had never been just a collection of individuals or a collection of red states and blue states. They would always be the United States of America. He expressed his gratitude to all in his speech. In his speech, Obama repeats the slogan 'yes we can'. This acts like an encouragement that all things are possible and the people of America are able to overcome all difficulties that they may come across in the journey towards complete economic and social freedom. It points that more change is yet to come during Obama's presidency. Finally, it also epitomizes that American dream which every citizen of the country can realize through maintaining a positive mentality in life.</p>
Examples/Illustrations	Examples
Additional inputs	-----
Teaching Aids used	Text Book and Black Board
References cited	-----
Student Activity planned after the teaching	Writing
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
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 Teaching Plan

Name of the Topic	A Leader Should Know How to Manage Failure
Hours required	3
Learning Objectives	To teach language through Interview
Previous knowledge to be reminded	Previous knowledge of Life details about Kalam
Topic Synopsis	<p>'A Leader Should Know How to Manage Failure' is an interview by India Knowledge at Wharton (a business journal) with Dr. A.P.J. Abdul Kalam on leadership. In this interview, Kalam talks about his career as a scientist, his vision for India's future, and the most important traits for leaders among other issues. Kalam humbly mentions his achievements. He further says how to be a great leader with nobility, integrity, honesty and transparency. He emphasizes that a leader should have six traits. First, the leader must have vision. Without vision, one cannot be a leader. Second, the leader must be able to travel into an unexplored path. Normally, the tendency is for people to travel along well-laid out ways. Third, the leader must know not only how to manage success, but also, more importantly, failure. Fourth, the leader should have the courage to make decisions. Fifth, the leader should have nobility in management. Every action of the leader should be transparent. And finally, the leader should work with integrity and succeed with integrity. He says that all the traits apply especially to the President of a country. At last, he talks about the non-conventional sources of energy. They can help our country free from dependence on fossil fuels and maintain a clean environment.</p>
Examples/Illustrations	Examples
Additional inputs	-----
Teaching Aids used	Text Book
References cited	-----
Student Activity planned after the teaching	Reading
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

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 Teaching Plan

Name of the Topic	Nelson Mandela's Interview with Larry King
Hours required	3
Learning Objectives	To teach language through Interview
Previous knowledge to be reminded	Previous knowledge about Nelson Mandela's life
Topic Synopsis	<p>'Nelson Mandela's Interview with Larry King' is about an interview of Nelson Mandela, former South African president and the 1993 Nobel Prize winner with Larry King, an American television and radio host. This interview took place when Nelson Mandela was released from prison in 2000 after 27 years of his struggle for freedom in prison. In the interview, Larry King feels that it is a special honour to have Nelson Mandela as their guest for the programme. Mandela says that he joined African National Congress Youth League in 1944 and was a lawyer from 1952. He was called a terrorist for fighting for freedom. He was arrested and kept in prison for 27 years. He also told that he was called a terrorist, but when he came out of jail, he was admired. He was supposed to be put to death, but because of the intervention of the President of India and some other Presidents of the world, he was imprisoned for life. In prison, he was able to acquire a lot of wisdom by reading great literature. Moreover, there were many learned people and so they all could share their knowledge and dream of freedom for their country. Larry King says that according to a well-known novelist, Nelson Mandela and Mother Teresa are the great people that one has to choose to meet in the 20th century.</p>
Examples/Illustrations	Examples
Additional inputs	-----
Teaching Aids used	Text Book
References cited	-----
Student Activity planned after the teaching	Reading
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
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Teaching Plan

Name of the Topic	JRD Tata's Interview with T.N. Ninan
Hours required	3
Learning Objectives	To teach language through Interview
Previous knowledge to be reminded	-----
Topic Synopsis	<p>'JRD Tata's Interview with T.N. Ninan' is published in the India Today magazine in August 1986. JRD Tata is the grand old man of Indian industry. He is alert and very involved in his giant group's diverse business. TN Ninan was the Executive Editor of the India Today.</p> <p>In this interview, Tata compares the situation in business before 50 years and at the time of interview. Fifty years ago, there was no licensing system, no bribe, and business was reasonably honest. When taxes were started, tax evasion, black-marketing and corruption were also started. He says that unlike Nehru and Indira Gandhi and some others, TT Krishnamachari was in many ways a terrible man, very authoritarian. He was the only one to ignore the socialism thing and did what he thought was right. He was the one who encouraged TELCO to manufacture trucks. He almost instructed Tata Steel to put in another million tonnes, double capacity, in 1954. He says that Birla was a thinking man and man of vision. He also talked about Reliance that Dhirubhai Ambani has tremendous drive, capability and novelty of ideas. He said that he was 82, and he was still group chairman. He would help the group to stay united and to follow Jamshedji Tata's ideals.</p>
Examples/Illustrations	Examples
Additional inputs	-----
Teaching Aids used	Text Book
References cited	-----
Student Activity planned after the teaching	Writing
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
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 Teaching Plan

Name of the Topic	You've Got to Find What You Love
Hours required	3
Learning Objectives	To teach language through speech
Previous knowledge to be reminded	Previous knowledge of the speeches by Steve Jobs
Topic Synopsis	<p>'You've Got to Find What You Love' is a speech by Steve Jobs, Chief Executive Officer and co-founder of Apple Computer and Pixar animation Studios. He addresses the graduates at the university's 114<sup>th</sup> Commencement in Stanford Stadium. In his speech, he urges the graduates to pursue their dreams and see the opportunities in life's setbacks. The goal of Steve Jobs' speech is to persuade the graduates to find the jobs that they can truly love because of their passion for the definite activities.</p> <p>In his speech, Steve Jobs tells them three stories from his life. The three stories presented in the speech are used to develop Jobs' argument about the necessity to do what a person loves and the importance of finding these things and activities. The first story Steve told the students was about connecting the dots. Here, he says that we can't connect the dots looking forward; we can only connect them looking backwards. So, we have to trust that the dots will somehow connect in your future. In the second story Steve tells the students to find what they love in life and follow that. Steve also goes on to say that it is okay to have some ups and down and rough road on their way to success. Lastly, Steve shares a story about death. Steve Jobs shares his story of cancer where he deals with the biggest obstacle of all and manages to still smile and act like he has everything needed in life.</p>
Examples/Illustrations	Examples
Additional inputs	-----
Teaching Aids used	Text Book
References cited	-----
Student Activity planned after the teaching	Reading
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
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# PRR & VS Government College

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## Vidavalur, SPSR Nellore Dist



## Teaching Plan

### 2023-24

A Course in Reading & Writing Skills (Semester – II)

Name: Dr. V. Sri Rama Murthy

Designation: Lecturer in English

Commissionerate of Collegiate Education, A.P.  
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 Teaching Plan

Name of the Topic	Ulysses
Hours required	3
Learning Objectives	To teach Language through poetry
Previous knowledge to be reminded	Previous knowledge about such poems
Topic Synopsis	<p>'Ulysses' is a poem written by Alfred Lord Tennyson, one of the most popular poets of the Victorian Era in England. This poem is a dramatic monologue, in which the speaker is Ulysses, who speaks about the Trojan War, his long journey, the situation in the home land and his desire to travel.</p> <p>Ulysses after ten years of Trojan War and another ten years of adventurous journey reached home-land, Ithaca. He is now old and lives with his wife. He is idle and is not satisfied with the way of his present life. He feels that he is stuck here with people who do not know of his greatness. So, he wishes to continue his travels and wants to enjoy the little time left of his life. He does not consider mere breathing as living. He is an experienced person who has spent enough time on the sea as well as shore. The world knows his name and honours him. Ulysses finds it shameful to be idle. Ulysses tells about his son, Telemachus, who is the opposite of his father. He is content with being in one place. He wishes to rule people happily. He will be a good ruler and honour the Gods of the family. He addresses the mariners who stayed with him previously. Their hearts and minds were free. He says that they and he are old but old age has its own honour. They are still capable of doing noble deeds. He still believes that it is not too late to discover a newer world. He wants to explore till his last breath. Ulysses concludes that they are old by age, but strong in will to strive, to seek, to find, and not to yield.</p>
Examples/Illustrations	Examples of such poems
Additional inputs	-----
Teaching Aids used	Text Book and black board
References cited	-----
Student Activity planned after the teaching	Discussion
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

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Lecturer

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Department VC

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Principal

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Teaching Plan

Name of the Topic	The Best Investment I Ever Made : A.J. Cronin
Hours required	3
Learning Objectives	To teach Reading & Writing Skills through prose
Previous knowledge to be reminded	Previous exposure to such prose lessons
Topic Synopsis	<p>This short story written by A.J. Cronin, a popular novelist and dramatist of the twentieth century. He was a doctor by profession, and a great short story writer. The present story is about one of the incidents from the author's early life as a doctor in London.</p> <p>The narrator of the story is a doctor. He was on a voyage back from New York. He noticed that one of the passengers was closely watching him. He ignored him as he wanted to take rest. Even on the next day, the man with his wife was earnestly watching him. Encouraged by his wife, finally the man approached the narrator and introduced himself very timidly. In the beginning, the narrator could not recognize him. But when he said something in his ears, he recognised the man and his thoughts went back to an incident happened 25 years ago. Once police sergeant approached the narrator and requested him to attend a suicide case. He attended the case and with the help of the sergeant and the landlady of the lodge, the narrator could bring him back to life. The man told them his pathetic story. His name was John, and he was an orphan. His uncle found him a job in the town. He began to lead a bad life, and gambled to find money for pleasures of life. He lost everything and stole some money from his office. Being afraid of the prosecution, in great despair and anguish, he resolved to end his life. Having heard John's story, the narrator wanted to help him and gave him seven pounds and ten shillings to put back in the office safe. Then he determined to change in life and became a great social worker. The narrator feels immensely happy to find his small investment, seven pounds and ten shillings, being paid dividends worthier and greater than the worldly returns.</p>
Examples/Illustrations	Examples from various soft skills
Additional inputs	-----
Teaching Aids used	Text Book and black board
References cited	-----
Student Activity planned after the teaching	Discussion
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
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 Teaching Plan

Name of the Topic	Florence Nightingale : Abrar Mohsin
Hours required	3
Learning Objectives	To teach language through biography
Previous knowledge to be reminded	Previous knowledge about biographies
Topic Synopsis	<p>'Florence Nightingale' is a biographical sketch written by Abrar Mohsin, an educationist from Africa. This is about Florence Nightingale, who made history during the Crimean War by nursing the sick and the wounded.</p> <p>The essayist says that there is nothing glorious about the wars as the poets praise in their poems. He feels that a war is always a dreadful thing and its outcome is nothing but destruction. Wars give joy to no one, but it is an unpleasant experience. The writer says that Florence Nightingale looks at the battle of Balaclava from entirely a different angle. Tennyson, a great poet speaks of heroism, whereas Nightingale grieves over the stupidity of the men who wage wars. She feels that there is senseless sacrifice at the inhuman altar of war. Florence Nightingale was born on 12 May, 1820 to a wealthy family at Florence in Italy. Her parents gave her the name of her birth place. Once she told her parents that she wanted to become a nurse. Then they were shocked as nursing was not regarded as a respectable profession in those days. In spite of that she was firm about her goal. Knowing about her services, the Secretary for the Crimean war invited her to serve the wounded soldiers. Her services were remarkable there. Because of her selfless service during this war, she was known as the 'Lady with the Lamp.'</p>
Examples/Illustrations	Examples from biographies
Additional inputs	-----
Teaching Aids used	Text Book and black board
References cited	-----
Student Activity planned after the teaching	Discussion
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
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Teaching Plan

Name of the Topic	Skimming and Scanning
Hours required	3
Learning Objectives	To teach language skills
Previous knowledge to be reminded	Previous knowledge about such skills
Topic Synopsis	<ul style="list-style-type: none"> <li>• Skimming is a reading technique to get the gist of a text without reading the whole content.</li> <li>• It is a way of reading something in a fast manner to grasp the main points.</li> <li>• It is a quick reading.</li> <li>• The reader gets an idea of the content by reading the main points.</li> <li>• It is reading out the maximum content in minimum time.</li> <li>• The objective of skimming is to take a birds-eye view of the text.</li> <li>• The reader is not familiar with the text.</li>   <li>• Scanning is a reading technique to search for particular information in a text with a particular approach.</li> <li>• It is a way of reading some text carefully and quickly to locate something.</li> <li>• It is a selective reading.</li> <li>• The reader gets the specific information by reading the text.</li> <li>• It is finding out the required data in minimum time.</li> <li>• The objective of scanning is to spot the specific facts.</li> <li>• The reader knows what he is searching for.</li> </ul>
Examples/Illustrations	Examples of such
Additional inputs	-----
Teaching Aids used	Text Book
References cited	-----
Student Activity planned after the teaching	Reading comprehension
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
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Teaching Plan

Name of the Topic	The Night Train at Deoli
Hours required	3
Learning Objectives	To teach language through short story
Previous knowledge to be reminded	Previous knowledge about Ruskin Bond's works
Topic Synopsis	<p>Ruskin Bond's "The Night Train at Deoli" is a story about the narrator's love for a poor basket-selling girl whom he meets at a small station, Deoli during his journey to Dehradun. In fact, he meets the girl only twice, but she remains in his memory for ever throughout his life.</p> <p>The narrator was a college student living in Delhi. During every summer vacation, he visits his grandmother who lives in Dehradun through a train journey. The train stops at Deoli, a small station for ten minutes early in the morning before it reaches Dehradun. The narrator does not know why it stops there as nobody boards or gets off at this place. After college studies, once the narrator travels to his grandmother's place. When the train stops at Deoli, a young girl comes to his window and stops on the platform. She is a poor girl selling bamboo baskets for the travellers. As it is a cold morning, she covers her shoulders with a shawl. Her feet are bare and her clothes are old. She looks decent and walks gracefully. The narrator stares at her simple beauty and falls in love with her. He buys a basket from her. He meets her even in his return journey. In the next summer vacation, when he travels once again to see his grandmother and in his return journey, he does not find her in the same station. So he wants to live with her memories for the rest of his life. However, he travels during every vacation and stops at Deoli with a hope of meeting her again.</p>
Examples/Illustrations	Examples of such stories
Additional inputs	-----
Teaching Aids used	Text Book and board
References cited	-----
Student Activity planned after the teaching	Discussion
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
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 Teaching Plan

Name of the Topic	Stopping by Woods on a Snowy Evening: Robert Frost
Hours required	3
Learning Objectives	To teach language through poems
Previous knowledge to be reminded	Previous knowledge about Robert Frost
Topic Synopsis	<p>'Stopping by Woods on a Snowy Evening' is a poem written by Robert Frost, a famous American poet. It is known that Robert Frost poems start with delight and end with wisdom. The present poem seems to be simple, but it has profound meaning. This poem presents the basic conflict between the attraction towards the woods and the responsibility outside of the woods.</p> <p>In this poem, the speaker during his ride on his horse sees the beauty of some woods on a snowy evening. He stops his horse, quietly looks at the snow falling into the woods and appreciates the scenery around. He thinks that he knows about the ownership of the woods. The owner may be in the village, and he may not see the speaker stopping there to watch his woods fill up with snow. The speaker feels that his horse thinks in a strange way as he has stopped there without any farmhouse there between the woods and frozen lake. It was the darkest evening of the year. The speaker's horse shook his harness bells as a mark of indication that he has stopped there by mistake. At that time the other sounds are of an easy and light movement of wind and flakes of snow. At that time the woods are lovely, dark and deep. So he wants to enjoy it. But he is unable to stay there for long as he has responsibilities of life and has to go a long way before he sleeps.</p>
Examples/Illustrations	Examples from Robert Frost's works
Additional inputs	-----
Teaching Aids used	Text Book and black board
References cited	-----
Student Activity planned after the teaching	Discussion
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
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 Teaching Plan

Name of the Topic	Note Making
Hours required	3
Learning Objectives	To teach language and writing skills
Previous knowledge to be reminded	Previous knowledge about Note making
Topic Synopsis	<p>Note making is an advanced writing skill which is acquiring increasing importance due to knowledge explosion. There is a need to remember at least the main points of any given subject. Making notes is a complex activity which combines several skills. Note making can be a great help when you are studying for examination.</p> <p><b>While making notes the following steps can be followed:</b></p> <ol style="list-style-type: none"> <li>1. Read the passage thorough, from beginning to end, to get a general view of the text. This kind of reading is called skimming, an exercise that will tell you what the passage is about (the title) and also how the theme is developed in the course of the text.</li> <li>2. Identify the main points or divisions of the passage and give them suitable headings.</li> <li>3. Read the passage again closely and note down the sub-points that come under each main heading.</li> </ol> <p>Put down sub-sub points if there are any. Note that as you pass from the main points to the sub points and, further, to the sub-sub points, the numbering of the points is spaced more and more to the right.</p>
Examples/Illustrations	Examples of such
Additional inputs	-----
Teaching Aids used	Text Book
References cited	-----
Student Activity planned after the teaching	Exercise on note making
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
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 Teaching Plan

Name of the Topic	Night of the Scorpion : Nissim Ezekiel
Hours required	3
Learning Objectives	To teach language and soft skills through poem
Previous knowledge to be reminded	Previous knowledge about Nissim Ezekiel
Topic Synopsis	<p>'Night of the Scorpion' is written by Nissim Ezekiel, a Jewish Indian poet. This poem describes the ignorance and superstition of the masses of the country.</p> <p>The speaker remembers that his mother was stung by a scorpion one night. Because of steady rain for ten hours, it came beneath a bag of rice. After stinging his mother in the dark room, it went out. Then the peasants came like swarms of flies and uttered the name of God so many times to make the scorpion helpless. They also searched for it with candles and lanterns, but in vain. They said that every movement of the scorpion made its poison move in mother's blood; it may still sit; may the sins of her previous birth be burned away tonight; may her suffering decrease the misfortunes of her next birth; may the bad balanced against the good become diminished by her pain; may the poison purify her flesh of desire and her spirit of ambition. They sat around on the floor with his mother in the centre. At that time his mother was suffering a lot. His father was a sceptic and rationalist. He tried every possible means to give relief from her pain. He used powder, mixture, herb and hybrid. He also poured a little paraffin up on the bitten toe and put a match to it; it fed on his mother. The speaker watched the holy man perform his rites to control the poison with an incantation. After twenty hours, she was alright. Ultimately, she thanked God for the scorpion stung only her and spared her children.</p>
Examples/Illustrations	Examples of such poems
Additional inputs	-----
Teaching Aids used	Text Book
References cited	-----
Student Activity planned after the teaching	Discussion
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

  
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 Teaching Plan

Name of the Topic	An Astrologer's Day
Hours required	3
Learning Objectives	To teach language and soft skills through short story
Previous knowledge to be reminded	Previous knowledge about R K Narayan
Topic Synopsis	<p>'An Astrologer's Day' is a short story, written by R. K. Narayan, a well-known Indian English writer. In this story, an astrologer enters the profession not by choice, but by the force of the mysterious situations in his past life.</p> <p>An astrologer sits under a tamarind tree and spreads out his professional equipment punctually at midday. He attracts people by his appearance, his clothes, and his paraphernalia. In fact, he can predict nothing, but it is a matter of guesswork. When he is about to go home, a client comes there. Then he starts saying something about him, but the client asks for something useful. He recognises the client by the match light when the client lit the cheroot, and feels uncomfortable by recollecting his past. He does not want to predict the client anymore. But after some argument, he tells the client how the client was stabbed and thrown into a well and left for dead in the past. The client tells the astrologer how he was saved by a passerby, and asks the astrologer how he can see him. He is also stunned when the astrologer calls him by his name, Guru Nayak. Finally, the astrologer advises the client to go back his home and stop looking for the man who stabbed him since he died in an accident. He also tells him not to travel southward again otherwise there is a great danger to his life. In fact, the client is the one who is stabbed by the astrologer, but he fails to recognize the astrologer. The story ends when the astrologer goes home, tells his wife his experience and stretches on the pyol peacefully as a great load is gone from him.</p>
Examples/Illustrations	Examples of such short stories
Additional inputs	-----
Teaching Aids used	Text Book
References cited	-----
Student Activity planned after the teaching	story writing
Activity planned outside the Class room, if any	Assignment
Any other activity	-----

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Lecturer

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Department I/C

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**Vidavalur**

**ANNUAL TEACHING PLAN**

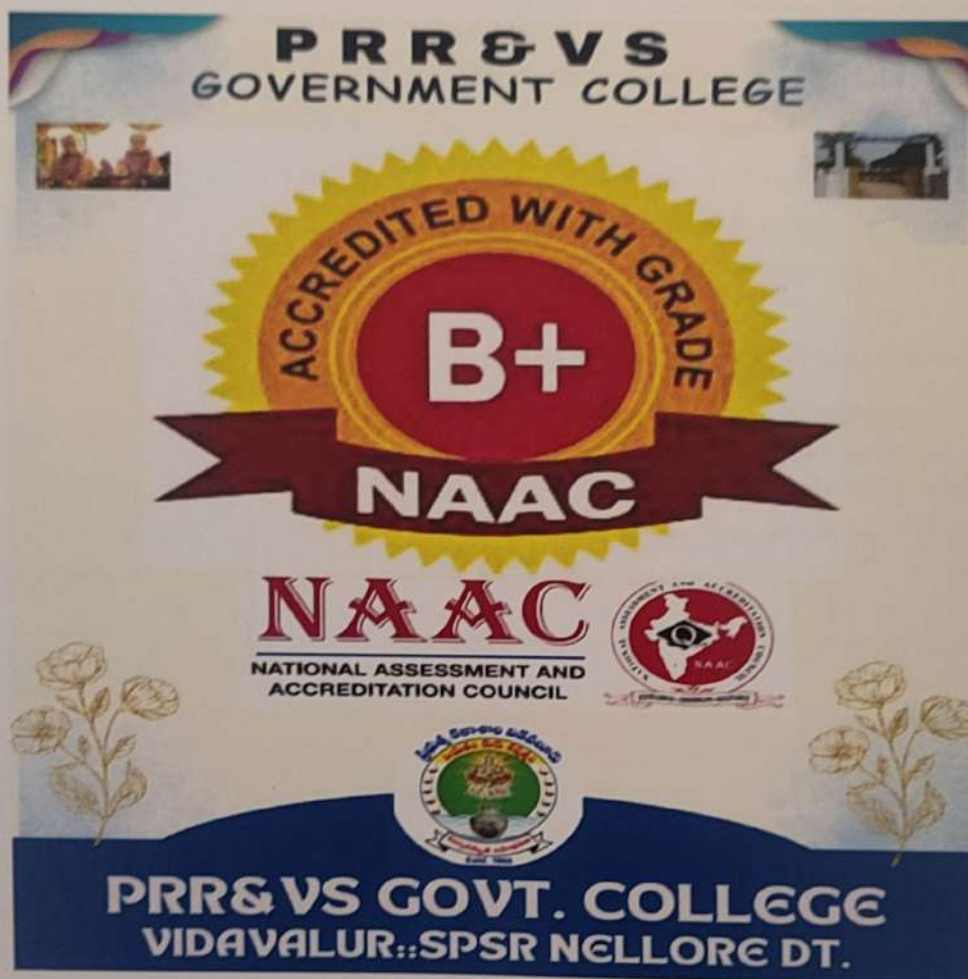
**By**

**SK NYAMATHULLA**  
Lecturer in physics

**Annual Teaching plan**

**( 2023-24 )**

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Teaching Plan 2023-24

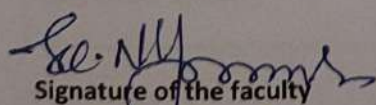


Name of the Department/Subject : **PHYSICS**  
Name of the Lecturer : **SHAIK.NYAMATHULLA**  
Course/Group : **PHYSICS(MAJOR)**  
Paper : **I&II(course I&course II)**  
Essentials of Mathematical, physical Chemical sciences  
Advances of Mathematical, physical chemical sciences

Commissionerate of Collegiate Education, A.P.,

Teaching Plan for I Semester, 2023-24

Name of the Department/Subject :	PHYSICS
Name of the Lecturer :	SHAIK.NYAMATHULLA
Course/Group :	PHYSICS(MAJOR)
Paper:	I SEMESTER
Name of the Topic	UNIT II: ESSENTIALS OF PHYSICS
Hours required	5 hours
Learning Objectives	Knowledge/Understanding/Application/Skill
Previous knowledge to be reminded	INTERMEDIATE
Topic Synopsis	UNIT II: ESSENTIALS OF PHYSICS II.4.Laws of Thermodynamics and Significance II.4. Acoustic waves and electromagnetic waves- II.5.Electric and Magnetic fields and their interactions
Examples/Illustrations	YES, Illustrated related examples
Additional inputs	YES
Teaching Aids used	YES; Charts/Cardboards
References cited	YES, Ref. books were suggested.
Student Activity planned after the teaching	Recapitulation of the topic
Activity planned outside the Class room, if any	
Any other activity	

  
Signature of the faculty

**Sk. Nyamathulla**

Lecturer in Physics

**PRR & VS GOVT. COLLEGE**

VIDAVALUR - 524 318.

SPSR Nellore Dt.

  
Signature of the Principal  
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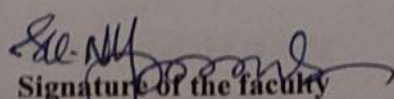
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Teaching Plan for I Semester, 2023-24

Name of the Department/Subject :	PHYSICS
Name of the Lecturer :	SHAIK.NYAMATHULLA
Course/Group :	BSC(MPCS)
Paper:	I SEMESTER
Name of the Topic	UNIT II: ESSENTIALS OF PHYSICS
Hours required	5 hours
Learning Objectives	Knowledge/Understanding/Application/Skill
Previous knowledge to be reminded	INTERMEDIATE
Topic Synopsis	<b>UNIT II: ESSENTIALS OF PHYSICS</b> II.6.Behaviour of atomic and nuclear particles II.7.Wave-particle duality II.8. the uncertainty principle- Theories II.9.Understanding of universe
Examples/Illustrations	YES, Illustrated related examples
Additional inputs	YES
Teaching Aids used	YES; Charts/Cardboards
References cited	YES, Ref. books were suggested.
Student Activity planned after the teaching	Recapitulation of the topic
Activity planned outside the Class room, if any	
Any other activity	

  
Signature of the faculty

**Sk. Nyamathulla**

Lecturer in Physics

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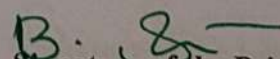
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Teaching Plan for I Semester, 2023-24

Name of the Department/Subject :	PHYSICS
Name of the Lecturer :	SHAIK.NYAMATHULLA
Course/Group :	BSC(MPCS)
Paper:	I SEMESTER
Name of the Topic	
Hours required	5 hours
Learning Objectives	Knowledge/Understanding/Application/Skill
Previous knowledge to be reminded	INTERMEDIATE
Topic Synopsis	<b>IV.Applications of Mathematics in Physics &amp; Chemistry: Application of Physics in Industry and Technology:</b> IV.1.Electronics and Semiconductor Industry, IV.2.Robotics and Automation, IV.3.Automotive and Aerospace Industries,
Examples/Illustrations	YES, Illustrated related examples
Additional inputs	YES
Teaching Aids used	YES; Charts/Cardboards
References cited	YES, Ref. books were suggested.
Student Activity planned after the teaching	Recapitulation of the topic
Activity planned outside the Class room, if any	
Any other activity	

Signature of the faculty

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Lecturer in Physics  
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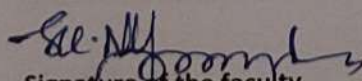
  
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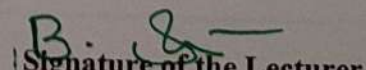
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Teaching Plan for I Semester, 2023-24

Name of the Department/Subject :	<b>PHYSICS</b>
Name of the Lecturer :	SHAIK.NYAMATHULLA
Course/Group :	BSC(MPCS)
Paper:	I SEMESTER
Name of the Topic	
Hours required	5 hours
Learning Objectives	Knowledge/Understanding/Application/Skill
Previous knowledge to be reminded	INTERMEDIATE
Topic Synopsis	<b>IV.Applications of Mathematics in Physics &amp; Chemistry: Application of Physics in Industry and Technology</b> IV.4. Quality Control and Instrumentation, IV.5. Environmental Monitoring IV.6. Sustainable Technologies
Examples/Illustrations	YES, Illustrated related examples
Additional inputs	YES
Teaching Aids used	YES; Charts/Cardboards
References cited	YES, Ref. books were suggested.
Student Activity planned after the teaching	Recapitulation of the topic
Activity planned outside the Class room, if any	
Any other activity	

  
Signature of the faculty  
Sk. Nyamathulla

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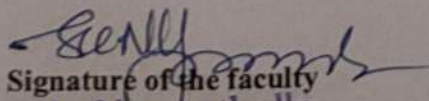
  
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Teaching Plan for I Semester, 2023-24

Name of the Department/Subject :	<b>PHYSICS</b>
Name of the Lecturer :	SHAIK.NYAMATHULLA
Course/Group :	PHYSICS (MAJOR)
Paper:	I SEMESTER(paper II-Advances of mathematical,physical&chemical sciences)
Name of the Topic	<b>ADVANCES IN PHYSICS-RENEWABLE ENERGY</b>
Hours required	6 hours
Learning Objectives	Knowledge/Understanding/Application/Skill
Previous knowledge to be reminded	INTERMEDIATE
Topic Synopsis	<b>UNIT II: ADVANCES IN PHYSICS</b> <b>II.Renewable energy:</b> II.1.Generation, II.2. energy storage, II.3energy-efficient materials and devices.
Examples/Illustrations	YES, Illustrated related examples
Additional inputs	YES
Teaching Aids used	YES; Charts/Cardboards
References cited	YES, Ref. books were suggested.
Student Activity planned after the teaching	Recapitulation of the topic
Activity planned outside the Class room, if any	FIELD VISIT TO POWER STATION IN VIDAVALUR
Any other activity	

  
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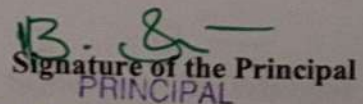
**Sk. Nyamathulla**

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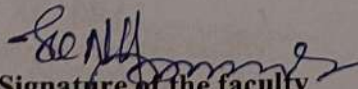
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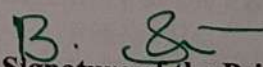
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Teaching Plan for I Semester, 2023-24

Name of the Department/Subject :	PHYSICS
Name of the Lecturer :	SHAIK.NYAMATHULLA
Course/Group :	PHYSICS(MAJOR)
Paper:	I SEMESTER(paper II-Advances of Mathematical,Physical&Chemical sciences)
Name of the Topic	UNIT II: ADVANCES IN PHYSICS-RENEWABLE ENERGY
Hours required	5 hours
Learning Objectives	Knowledge/Understanding/Application/Skill
Previous knowledge to be reminded	INTERMEDIATE
Topic Synopsis	<b>Recent advances in the field of nanotechnology:</b> II.4.Quantum dots II.5.Quantum Communication- recent advances in Biophysics- II.6.Recent advances in medical physics II.8. Shape Memory Materials.
Examples/Illustrations	YES, Illustrated related examples
Additional inputs	YES
Teaching Aids used	YES; Charts/Cardboards
References cited	YES, Ref. books were suggested.
Student Activity planned after the teaching	Recapitulation of the topic
Activity planned outside the Class room, if any	
Any other activity	

  
Signature of the faculty  
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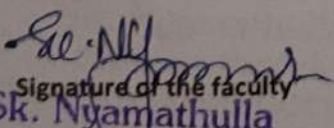
  
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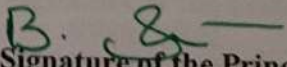
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Teaching Plan for I Semester, 2023-24

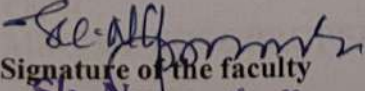
Name of the Department/Subject :	PHYSICS
Name of the Lecturer :	SHAIK.NYAMATHULLA
Course/Group :	PHYSICS(MAJOR)
Paper:	I SEMESTER
Name of the Topic	ADVANCED APPLICATIONS OF MATHEMATICS, PHYSICS & CHEMISTRY
Hours required	6 hours
Learning Objectives	Knowledge/Understanding/Application/Skill
Previous knowledge to be reminded	INTERMEDIATE
Topic Synopsis	UNIT IV: ADVANCED APPLICATIONS OF MATHEMATICS, PHYSICS & CHEMISTRY  IV.1.Application of nanotechnology: Nanomedicine, IV.2Application of biophysics: Neurophysics,
Examples/Illustrations	YES, Illustrated related examples
Additional inputs	YES
Teaching Aids used	YES; Charts/Cardboards
References cited	YES, Ref. books were suggested.
Student Activity planned after the teaching	Recapitulation of the topic
Activity planned outside the Class room, if any	
Any other activity	

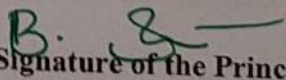
  
Signature of the faculty  
**Sk. Nyamathulla**  
Lecturer in Physics  
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**Teaching Plan for I Semester, 2023-24**

Name of the Department/Subject :	<b>PHYSICS</b>
Name of the Lecturer :	<b>SHAIK.NYAMATHULLA</b>
Course/Group :	<b>PHYSICS(MAJOR)</b>
Paper:	<b>I SEMESTER</b>
Name of the Topic	<b>ADVANCED APPLICATIONS OF MATHEMATICS, PHYSICS &amp; CHEMISTRY</b>
Hours required	5 hours
Learning Objectives	Knowledge/Understanding/Application/Skill
Previous knowledge to be reminded	INTERMEDIATE
Topic Synopsis	<b>Application of medical physics:</b> IV.3. Nuclear medicine IV.4.Solid waste management
Examples/Illustrations	YES, Illustrated related examples
Additional inputs	YES
Teaching Aids used	YES; Charts/Cardboards
References cited	YES, Ref. books were suggested.
Student Activity planned after the teaching	Recapitulation of the topic
Activity planned outside the Class room, if any	
Any other activity	

  
Signature of the faculty  
**Sk. Nyamathulla**  
Lecturer in Physics  
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Vidavalur, SPSR Nellore Dist



Teaching Plan (NOTES)

2023-2024

Name: Dr. D. Eswara Rao

Designation: Lecturer in Mathematics

**Commissionerate of Collegiate Education, A.P.**  
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**Teaching Plan**

Name of the Topic	Differential Equations (Sem-II)
Hours required	12
Learning Objectives	Solve Linear Differential Equations
Previous knowledge to be reminded	Integration
Topic Synopsis  (course outcomes)	<p style="text-align: center;"><u>Unit - I</u></p> <p>1) Linear D.E, DE reducible to linear, Exact DE, and integrating factors.</p> <p>2) Convert non exact homogeneous equation to exact with integrating factors.</p> <p>3) Know the methods to find solutions of D.E with integrating factors.</p>
Examples/Illustrations	Given in the reference books
Additional inputs	Different types of problems Different reference books
Teaching Aids used	Black board
References cited	Differential equation and Their applications by zaffar A. mam
Student Activity planned after the teaching	to know the real life applications of D.E.
Activity planned outside the Class room, if any	-
Any other activity	Applications of DE in real life situation

*D. Esuvar*  
Lecturer

*D. Esuvar*  
Department I/C


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**Teaching Plan**

Name of the Topic	Orthogonal Trajectories.
Hours required	12
Learning Objectives	Solving higher order D.E.
Previous knowledge to be reminded	integration
Topic Synopsis  (course outcomes)	Unit II 1) O.T. of cartesian and polar forms. 2) D.E. of first order but not first degree. 3) Equations soluble for p. 4) Clairaut's equations
Examples/Illustrations	Given in the prescribed books
Additional inputs	Different types of problems from reference books
Teaching Aids used	Black board
References cited	DE and their applications by Zetter Hausman.
Student Activity planned after the teaching	To know how to solve equations solvable for p and Clairaut's eqn
Activity planned outside the Class room, if any	-
Any other activity	Application to DE in real life situation

  
Lecturer

  
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**Teaching Plan**

Name of the Topic	Higher order Differential Equations
Hours required	12
Learning Objectives	Solutions of higher order D.E.
Previous knowledge to be reminded	Integration.
Topic Synopsis	<p>1) solutions of higher order linear DE of order <math>n</math> with constant coefficients.</p> <p>2) solutions of non homogeneous linear DE of order <math>n</math> with constant coefficients by means of polynomial of order <math>f(D)y = 0</math></p> <p>3) G.S. of <math>f(D)y = \theta</math>,          where <math>\theta = be^{ax}</math>  <math>\theta = b \sin ax</math> or <math>b \cos ax</math>.</p>
Examples/Illustrations	Given in the prescribed book
Additional inputs	Different problems from different books
Teaching Aids used	Black board
References cited	DE and applications by Zoller Hanson.
Student Activity planned after the teaching	Solutions of linear order DE's.
Activity planned outside the Class room, if any	-
Any other activity	applications of DE in real life problems.

  
Lecturer

  
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**Teaching Plan**

Name of the Topic	Higher order Differential Equations - II
Hours required	24
Learning Objectives	Solutions of Higher order DE.
Previous knowledge to be reminded	integration.
Topic Synopsis	<p style="text-align: center;"><u>Unit - IV &amp; V</u></p> <p>1) P.I of eqn <math>f(D)y = Q</math> where  <math>Q = bx^k</math>  <math>Q = e^{ax}v</math>  <math>Q = x^m</math>  <math>Q = x^m v</math></p> <p>2) Methods of variation of parameters          3) Cauchy Euler equations          4) Legendre's equations.</p>
Examples/Illustrations	Given in the prescribed book.
Additional inputs	example from different books
Teaching Aids used	Black board
References cited	DE and its applications by Ziffer Hassan.
Student Activity planned after the teaching	How to solve higher order eqn and their applications
Activity planned outside the Class room, if any	-
Any other activity	Applications of DE in real life problems.

*D. Suman*  
Lecturer

*D. Suman*  
Department I/C

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**Teaching Plan**

Name of the Topic	Analytical Solid Geometry (3D)
Hours required	12.
Learning Objectives	The plane.
Previous knowledge to be reminded	2-D formulae.
Topic Synopsis	<p style="text-align: center;"><u>Unit - I</u></p> <p>1) Equation of the plane in terms of intercepts on the axis and through the given points &amp; problems.</p> <p>2) Length of the perpendicular from a given point to given plane</p> <p>3) System of planes &amp; examples</p> <p>4) Bisector of angle between the plane and problems</p> <p>5) Combined equation of two planes &amp; problems.</p>
Examples/Illustrations	Given in the prescribed book
Additional inputs	examples from reference book
Teaching Aids used	Black board
References cited	Analytical & Solid Geometry by Sanku Narayan
Student Activity planned after the teaching	Making planes & its intersection with pads.
Activity planned outside the Class room, if any	-
Any other activity	application 3D in real life

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**Teaching Plan**

Name of the Topic	Three Dimensional Geometry
Hours required	12
Learning Objectives	the straight line
Previous knowledge to be reminded	2D formulae.
Topic Synopsis	<p style="text-align: center;"><u>Unit-II</u></p> <ol style="list-style-type: none"> <li>1) equation of the line</li> <li>2) Angle b/w line and plane</li> <li>3) condition for a line lie on a plane</li> <li>4) two lines are coplanar</li> <li>5) set of conditions which determine line.</li> <li>6) the shortest between two skew lines</li> <li>7) the length and equation of SD b/w two straight lines</li> </ol>
Examples/Illustrations	Given in the prescribed book
Additional inputs	examples from different books
Teaching Aids used	Black board
References cited	Analytical Solid Geometry by <u>Santra Narayana</u>
Student Activity planned after the teaching	activity conducted with sticks on concepts of lines.
Activity planned outside the Class room, if any	—
Any other activity	the real life applications.

  
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**Teaching Plan**

Name of the Topic	Three Dimensional Geometry (3D)
Hours required	24
Learning Objectives	The <del>sp</del> sphere - II & III.
Previous knowledge to be reminded	circles & formulae
Topic Synopsis	<ol style="list-style-type: none"> <li>1) Definition and equation of sphere</li> <li>2) eqn of sphere through four points</li> <li>3) plane intersection of sphere</li> <li>4) intersection of two spheres.</li> <li>5) sphere through a given circle</li> <li>6) intersection of sphere &amp; line</li> <li>7) power a point</li> <li>8) tangent plane</li> <li>9) plane of contact</li> <li>10) two spheres orthogonal</li> <li>11) Radical plane</li> <li>12) coaxial system of spheres.</li> </ol>
Examples/Illustrations	Given in the prescribed book
Additional inputs	examples from different books
Teaching Aids used	Black board
References cited	Analytic Solid Geometry by Santu Narayana.
Student Activity planned after the teaching	activity on, valley balls and pent.
Activity planned outside the Class room, if any	-
Any other activity	The real life applications.

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Lecturer

*[Signature]*  
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**Teaching Plan**

Name of the Topic	Three Dimensional Geometry (3D)
Hours required	12
Learning Objectives	the cone
Previous knowledge to be reminded	Simple computing plane & line
Topic Synopsis	<p style="text-align: center;"><u>Unit - V</u></p> <ol style="list-style-type: none"> <li>1) Definition of a cone</li> <li>2) vertex, guiding curve</li> <li>3) generators, eqn of the cone with given vertex and guiding curve</li> <li>4) eqn of cone with vertex at origin are homogeneous.</li> <li>5) Condition that general eqn of second degree represent a cone</li> <li>6) enveloping cone of a sphere</li> <li>7) vertex of a cone</li> <li>8) right circular cone.</li> </ol>
Examples/Illustrations	Given in the prescribed book
Additional inputs	examples from different Books
Teaching Aids used	Black board
References cited	Analytical solid Geometry by santhi Narayana
Student Activity planned after the teaching	activity on ice cones & joker caps
Activity planned outside the Class room, if any	→
Any other activity	the real life applications.

  
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**Teaching Plan**

Name of the Topic	Abstract Algebra (Sem-II)
Hours required	12
Learning Objectives	Groups
Previous knowledge to be reminded	Sets and functions.
Topic Synopsis	<p style="text-align: center;"><u>Unit - I</u></p> <p>1) Binary operations                  2) Algebraic structure                  3) semigroups - monoids                  4) elementary properties of groups                  5) examples of finite and infinite groups.                  6) order of a group &amp; element                  7) composition tables.                  8) theorems and problems on based concepts</p>
Examples/Illustrations	Given in the prescribed book
Additional inputs	examples from reference books
Teaching Aids used	Black board
References cited	Abstract Algebra by S.S Sharma
Student Activity planned after the teaching	To know about the groups
Activity planned outside the Class room, if any	-
Any other activity	To develop logical skills among students and its applications.

*D. Esuvaran*  
Lecturer

*D. Esuvaran*  
Department I/C

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**Teaching Plan**

Name of the Topic	Abstract Algebra
Hours required	12
Learning Objectives	Subgroups
Previous knowledge to be reminded	Concept of groups.
Topic Synopsis	<p style="text-align: center;"><u>Unit - II</u></p> <ol style="list-style-type: none"> <li>1) Subgroups and their examples</li> <li>2) criteria for a complex to be a subgroup</li> <li>3) criteria for the product of two subgroups to be a subgroup</li> <li>3) Union and intersection of subgroups</li> <li>4) cosets - definition - 1</li> <li>5) properties of cosets</li> <li>6) Index of a subgroup of a finite subgroups</li> <li>7) Lagrange's theorem.</li> </ol>
Examples/Illustrations	Given in the prescribed book.
Additional inputs	example from reference book
Teaching Aids used	Black board
References cited	Abstract Algebra by Sharma
Student Activity planned after the teaching	To know about subgroups
Activity planned outside the Class room, if any	-
Any other activity	Its applications in physics & Chemistry.

*[Signature]*  
Lecturer

*[Signature]*  
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**Teaching Plan**

Name of the Topic	Abstract Algebra
Hours required	12
Learning Objectives	Normal subgroups
Previous knowledge to be reminded	concepts of subgroups
Topic Synopsis	<ol style="list-style-type: none"> <li>1) Definition of Normal Subgroups</li> <li>2) proper &amp; improper Hamilton Normal subgroups</li> <li>3) criterion for a subgroup to be normal subgroup</li> <li>4) Intersection of two Normal Subgroups</li> <li>5) Homomorphism: Definition &amp; image of homomorphism</li> <li>6) Automorphism - Kernel of homomorphism</li> <li>7) fundamental theorem of homomorphism.</li> </ol>
Examples/Illustrations	Given in the prescribed book
Additional inputs	Examples from reference books
Teaching Aids used	Black Board
References cited	A text book of Mathematics for AA by S.S. Ramrao
Student Activity planned after the teaching	To know about Normal subgroup
Activity planned outside the Class room, if any	-
Any other activity	its applications in physics & Chemistry

*D. Esuvaran*  
Lecturer

*D. Esuvaran*  
Department I/C

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**Teaching Plan**

Name of the Topic	-Abstract Algebra
Hours required	24
Learning Objectives	permutational & Rings-fields
Previous knowledge to be reminded	concepts of group.
Topic Synopsis	<p style="text-align: center;"><u>Unit -IV &amp; V</u></p> <ol style="list-style-type: none"> <li>1) Definition of permutation</li> <li>2) multiplication of permutation</li> <li>3) cyclic permutation &amp; problems</li> <li>4) even &amp; odd permutation</li> <li>5) Cayley theorem</li> </ol> <p><u>Rings</u>:</p> <ol style="list-style-type: none"> <li>6) Definition &amp; properties.</li> <li>7) Boolean rings &amp; theorems</li> <li>8) Integral domains &amp; theorems</li> <li>9) subrings and Ideals.</li> <li>10) theorems &amp; problems on <del>per</del> Rings and fields.</li> </ol>
Examples/Illustrations	Given in the prescribed books.
Additional inputs	Examples & reference books
Teaching Aids used	Black board.
References cited	Abstract Algebra by Santhi Narayana
Student Activity planned after the teaching	To know about permutational and rings.
Activity planned outside the Class room, if any	-
Any other activity	applications of rings in physics & chemistry

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 Teaching Plan

Name of the Topic	Real Analysis (Sem-IV)
Hours required	12
Learning Objectives	Real Numbers and Sequences
Previous knowledge to be reminded	Basics in Real Numbers system
Topic Synopsis	<p style="text-align: center;"><u>Unit-I</u></p> <p>1) sequence and their applications &amp; problems</p> <p>2) Limit of a sequence</p> <p>3) convergence and divergence of sequence and problems</p> <p><u>Series</u> : - Introduction to series</p> <p>1. p-Test &amp; problems</p> <p>2. Cauchy nth root &amp; Root Test</p> <p>3. D'Alemberts Test or Ratio test.</p>
Examples/Illustrations	Given in the prescribed book
Additional inputs	examples from reference book.
Teaching Aids used	Black board
References cited	"A text book of Mathematics" by BVVS Sharma and others
Student Activity planned after the teaching	series of concepts in Real numbers.
Activity planned outside the Class room, if any	logical thinking
Any other activity	Applications of sequences in physics

  
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 Teaching Plan**

Name of the Topic	Real Analysis.
Hours required	24
Learning Objectives	Continuous and Differentiation
Previous knowledge to be reminded	Limits
Topic Synopsis	<p align="center"><u>Unit - II</u></p> <p>1) Limit of a function          2) Theorem on limits          3) continuous function definition          4) continuous on closed intervals          problems &amp; theorem</p> <p align="center"><u>Unit - III</u></p> <p>1) The differentiability of functions          2) on an interval, at a point.          3) Differentiability &amp; continuity of          a function theorem &amp; problems          4) Graphical meaning of different          5) problems on differentiation</p>
Examples/Illustrations	Given in the prescribed book
Additional inputs	examples from reference book.
Teaching Aids used	Black board
References cited	A Text book of Mathematics by BVS Sharma
Student Activity planned after the teaching	Learning of differentiation.
Activity planned outside the Class room, if any	logical thinking
Any other activity	Applications of differentiation in physics

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 Teaching Plan

Name of the Topic	Real Analysis
Hours required	24
Learning Objectives	
Previous knowledge to be reminded	mean value theorem & <sup>Riemann</sup> integration
Topic Synopsis	<p>Differentiability</p> <p><u>Unit - IV</u></p> <ol style="list-style-type: none"> <li>1) Mean value theorem; Rolle's th</li> <li>2) problems on Rolle's theorem</li> <li>3) Cauchy theorem and problems</li> <li>4) Lagrange's theorem &amp; problems</li> </ol> <p><u>Unit - V</u></p> <p><u>Riemann Integration:</u></p> <ol style="list-style-type: none"> <li>1) Riemann integral, Darboux th</li> <li>2) Necessary &amp; Sufficient condition for R-integrability.</li> <li>3) properties of integral functions</li> <li>4) fundamental theorem of integral calculus.</li> </ol>
Examples/Illustrations	Given in the prescribed book
Additional inputs	examples from the reference book
Teaching Aids used	Black board
References cited	A text book of Mathematics B.E. by BVVS Sharma & others.
Student Activity planned after the teaching	Seeing of Riemann integration
Activity planned outside the Class room, if any	Logical thinking
Any other activity	Applications of integrals in physics

  
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**Teaching Plan**

Name of the Topic	Linear Algebra (Sem IV)
Hours required	24
Learning Objectives	Vector spaces-I and II.
Previous knowledge to be reminded	Groups, & rings properties.
Topic Synopsis	<p style="text-align: center;"><u>Unit - I &amp; II</u></p> <ol style="list-style-type: none"> <li>1) vector spaces &amp; properties</li> <li>2) <math>n</math>-dimensional V.S. scalar multiplication &amp; composition.</li> <li>3) Null space, Linear sum of V.S.</li> <li>4) L.Cof Vectors, Linear Span</li> <li>5) L.I &amp; L.D vectors.</li> <li>6) Basis of vector space</li> <li>7) finite dimensional vector space</li> <li>8) Basis extension theorem</li> <li>9) co ordinates</li> <li>10) Dimension of a vector spaces.</li> </ol>
Examples/Illustrations	given in the prescribed book
Additional inputs	examples of reference book.
Teaching Aids used	Black board
References cited	A Text book of <u>U B S C Mathy</u> by <u>BVSC Sharma</u> .
Student Activity planned after the teaching	being of vector space
Activity planned outside the Class room, if any	logical thinking
Any other activity	Applications in physics

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**Teaching Plan**

Name of the Topic	Linear Algebra
Hours required	36
Learning Objectives	Linear Transformation, Matrices
Previous knowledge to be reminded	Basis properties of Vector Space.
Topic Synopsis	<p style="text-align: center;"><u>Unit III &amp; IV &amp; V</u></p> <p>1) L.T. , L.O., properties of L.T.</p> <p>2) Sum &amp; product of L.T.s</p> <p>3) range, null space of L.T.,</p> <p>4) Rank, Nullity of L.T &amp; theorem</p> <p>5) Matrices, properties, rank of M</p> <p>6) Linear equations,</p> <p>7) Characteristic roots, equation vectors.</p> <p>8) Cayley Hamilton theorem</p> <p>9) Inner product space: - Ecludion, Unitary space. Norm, Lengths. V.S. Schantz, Triangle, parallelogram Law.</p>
Examples/Illustrations	problems in the prescribed book
Additional inputs	examples from reference book
Teaching Aids used	Black board
References cited	A text book of III BSC. by BVVS Sama & others.
Student Activity planned after the teaching	know about matrices
Activity planned outside the Class room, if any	real life application
Any other activity	application in physics.

  
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**Teaching Plan**

Name of the Topic	Multiple integrals & Vector calculus
Hours required	36
Learning Objectives	Double integral & Vector calculus
Previous knowledge to be reminded	Integrals & Vectors
Topic Synopsis	<p style="text-align: center;"><u>Unit - I &amp; II</u></p> <p>1) Vector function of Scalar variable          continuity of vector function          2) partial differentiation in Scalar point function.          3) Grad, Unit normal, D.D. at point angle b/w two surface.          4) Divergence - Solenoidal vector          5) Curl - irrotation vector          6) vector identities &amp; problems          7) vector integrations - problems          8) smooth curve - line integral          9) tangential integral problems          10) surface integral - flux problems.</p>
Examples/Illustrations	Given prescribed problems
Additional inputs	examples from reference book.
Teaching Aids used	Black board.
References cited	A text book of III BSc by BWS Sarma and others.
Student Activity planned after the teaching	To know about vector differentiation and double integral.
Activity planned outside the Class room, if any	-
Any other activity	applications in physics.

  
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 Teaching Plan

Name of the Topic	Multiple integrals & Vector Calculus
Hours required	24
Learning Objectives	Vector integration
Previous knowledge to be reminded	integration & Vectors.
Topic Synopsis	<p><u>Unit - IV &amp; V</u></p> <ol style="list-style-type: none"> <li>1) <u>Vector integration</u> - Volume integrals of vector - problems - smooth curve</li> <li>2) Gauss divergence theorem</li> <li>3) Applications of Gauss divergence theorem</li> <li>4) Green's theorem &amp; proof</li> <li>5) Applications of Green's theorem statement &amp; proof</li> <li>6) Stoke theorem &amp; proof</li> <li>7) application of Stoke theorem.</li> </ol>
Examples/Illustrations	Given problems in prescribed book
Additional inputs	examples from reference books
Teaching Aids used	Black board
References cited	A text book of <u>II BSC</u> by <u>BVVS sharma &amp; others</u>
Student Activity planned after the teaching	To know the vector integrations.
Activity planned outside the Class room, if any	-
Any other activity	applications in physics.

  
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TEACHING NOTES

DEPARTMENT OF COMPUTER SCIENCE/APPLICATIONS

2023-24

BY

V.SARVANI

Lecturer in Computer Applications

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**TEACHING PLAN**

Name of the department / Subject	Computer Science /Applications
Name of the Lecturer	V.SARVANI
Course/ Group	I B.com Sem--II
Paper	OFFICE AUTOMATION TOOLS
Name of the topic	Introduction
Hours Required	3
Learning Objectives	Objectives of OFFICE AUTOMATION TOOLS
Previous Knowledge to be Reminded	Computer components
<p>Topic Synopsis :</p> <p>MS-WORD is one of the components of MS-OFFICE. It is a word processing package. It is used to design documents such as letters and manuals. MS-WORD helps to create text, edit text, format text and print documents very easily. Word also helps to create, insert and manage tables and to check documents for spelling and grammatical errors.</p>	
Examples / Illustrations	MSWord document
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Microsoft Office 2007 Fundamentals by Laura story, Dawna Walls
Student Activity planned after the Teaching	Questing & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
Any Other activity	

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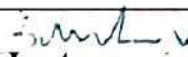
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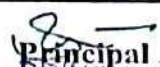
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**TEACHING PLAN**

Name of the department / Subject	Computer Science /Applications
Name of the Lecturer	V.SARVANI
Course/ Group	I B.com Sem—II
Paper	OFFICE AUTOMATION TOOLS
Name of the topic	MSword Advanced Features
Hours Required	3
Learning Objectives	Merits of OFFICE AUTOMATION TOOLS
Previous Knowledge to be Reminded	Basics of programming
Topic Synopsis :.	<ul style="list-style-type: none"> <li>- Create tables</li> <li>- Use facility to check spelling and grammar.</li> <li>- Refer a word for meaning in Thesaurus</li> <li>- Prepare mails to different addresses using Mail merge</li> <li>- Create various drawing objects such as Lines, Circles, WordArt, ClipArt and so on</li> </ul>
Examples / Illustrations	BIODATA FORM
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Microsoft Office 2007 Fundamentals by Laura story,Dawna Walls
Student Activity planned after the Teaching	Questing & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
Any Other activity	

  
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TEACHING PLAN**

Name of the department / Subject	Computer Science / Applications
Name of the Lecturer	V.SARVANI
Course/ Group	B.Com Sem-II
Paper	OFFICE AUTOMATION TOOLS
Name of the topic	Introduction MS Excel
Hours Required	3
Learning Objectives	Features of ER model
Previous Knowledge to be Reminded	Computer components
<p><b>Topic Synopsis :</b> Microsoft Excel is a spreadsheet package. A spreadsheet package is a highly interactive computer program that consists of collection of rows and columns. The major advantage of spreadsheet is that formulas recalculate their results automatically. This package is very easy to store, analyze and present complex information. It takes only few seconds to compute and display the result to complex numeric problems.</p>	
Examples / Illustrations	Student Database
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Microsoft Office 2007 Fundamentals by Laura story, Dawna Walls
Student Activity planned after the Teaching	Questioning & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
Any Other activity	

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**TEACHING PLAN**

Name of the department / Subject	Computer Science / Applications
Name of the Lecturer	V.SARVANI
Course/ Group	I B.com Sem--II
Paper	OFFICE AUTOMATION TOOLS
Name of the topic	<b>Advanced features in MS EXcel</b>
Hours Required	3
Learning Objectives	Different SQL commands
Previous Knowledge to be Reminded	Computer components
<p><b>Topic Synopsis :</b> <b>Charts:</b> Another wonderful feature of this package is its capability to generate various types of charts (graphs) based on the values of the worksheet. Line graphs, bar charts,.</p> <p><b>Database Management:</b> Since EXCEL sheet look like a table, we can perform various Database functions such as data sort, data query and other statistical oriented operations.</p> <p><b>AUTOCALC:</b> Through this, we can easily find out the sum, average, maximum, minimum etc. EXCEL automatically displays the result in the AUTOCALC area of status bar.</p>	
Examples / Illustrations	Employee salary calculations
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Microsoft Office 2007 Fundamentals by Laura story, Dawna Walls
Student Activity planned after the Teaching	Questing & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
Any Other activity	

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**TEACHING PLAN**

Name of the department / Subject	Computer Science / Applications
Name of the Lecturer	V.SARVANI
Course/ Group	I B.com Sem--II
Paper	OFFICE AUTOMATION TOOLS
Name of the topic	MS Power Point
Hours Required	3
Learning Objectives	Class properties
Previous Knowledge to be Reminded	Computer components
<p><b>Topic Synopsis :</b></p> <p>Microsoft PowerPoint is a presentation software package that can help to create useful slide based presentations. Presentations can help to put ideas and instructional information in an attractive format. PowerPoint also supports multimedia fundamentals like creating animation to objects and providing background sounds for objects.</p>	
Examples / Illustrations	PPT on computer Fundamentals
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Microsoft Office 2007 Fundamentals by Laura story, Dawna Walls
Student Activity planned after the Teaching	Questing & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
Any Other activity	

  
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**TEACHING PLAN**

Name of the department / Subject	Computer Science / Applications
Name of the Lecturer	V.SARVANI
Course/ Group	II B.com Sem-IV
Paper	DBMS
Name of the topic	Overview of Database Management System
Hours Required	3
Learning Objectives	Objectives of DBMS
Previous Knowledge to be Reminded	
<p><b>Topic Synopsis :</b></p> <p>A Database Management System (DBMS) is a collection of programs used for managing the data in the database. It acts as an interface between the user and the database. The role of DBMS is to provide convenient environment to store and retrieve data from the Database. Various DBMS software are MS- ACCESS, MySQL, MS-SQL Server, Oracle, Sybase etc.</p>	
Examples / Illustrations	Database table
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Korth, Database Management System.
Student Activity planned after the Teaching	Questioning & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
Any Other activity	

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TEACHING PLAN

Name of the department / Subject	Computer Science / Applications
Name of the Lecturer	V.SARVANI
Course/ Group	II B.com Sem--IV
Paper	DBMS
Name of the topic	File-Based System
Hours Required	3
Learning Objectives	Merits of DBMS
Previous Knowledge to be Reminded	Basics of programming
<p>Topic Synopsis :                      Characteristics of File-Based System:</p> <ul style="list-style-type: none"> <li>• It stores data of an organization in group of files.</li> <li>• Each file is independent from one another.</li> <li>• Each file is called a <i>flat file</i>.</li> <li>• Files are created by using programming languages such as C,C++etc.</li> </ul>	
Examples / Illustrations	Student database
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Korth, Database Management System.
Student Activity planned after the Teaching	Questing & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
Any Other activity	

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Name of the department / Subject	Computer Science / Applications
Name of the Lecturer	V.SARVANI
Course/ Group	II B.com Sem--IV
Paper	DBMS
Name of the topic	Entity-Relationship Model
Hours Required	3
Learning Objectives	Features of ER model
Previous Knowledge to be Reminded	Computer components
<b>Topic Synopsis :</b> The basic components of an E-R model are 1. Entity 2. Attribute 3. Relationship	
Examples / Illustrations	Student and Couse ER diagram
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Korth, Database Management System.
Student Activity planned after the Teaching	Questing & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
Any Other activity	

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**TEACHING PLAN**

Name of the department / Subject	Computer Science / Applications
Name of the Lecturer	V.SARVANI
Course/ Group	II B.com Sem--IV
Paper	DBMS
Name of the topic	<b>Structured Query Language</b>
Hours Required	3
Learning Objectives	Different SQL commands
Previous Knowledge to be Reminded	Computer components
<p>Topic Synopsis :</p> <p>An operator is a symbol used to perform operations between the operands. In SQL, we can use various types of operators. They are</p> <ol style="list-style-type: none"> <li>1. Arithmetic operators</li> <li>2. Relational operators</li> <li>3. Logical operators</li> <li>4. Special operators</li> </ol>	
Examples / Illustrations	SQL commands on student table
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Korth, Database Management System.
Student Activity planned after the Teaching	Questioning & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
Any Other activity	

  
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**TEACHING PLAN**

Name of the department / Subject	Computer Science / Applications
Name of the Lecturer	V.SARVANI
Course/ Group	II B.com Sem--IV
Paper	DBMS
Name of the topic	PL/SQL
Hours Required	3
Learning Objectives	Class properties
Previous Knowledge to be Reminded	Computer components
<p>Topic Synopsis : PL/SQL has the following advantages:</p> <ul style="list-style-type: none"> <li>• PL/SQL is a structural programming language.</li> <li>• PL/SQL supports efficiency in calculations, accuracy in results and speed in transactions.</li> <li>• Data manipulation and also provides facilities of conditional checking, branching and looping statements.</li> </ul>	
Examples / Illustrations	PL/SQL program to find even number
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Korth, Database Management System.
Student Activity planned after the Teaching	Questioning & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
Any Other activity	

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**TEACHING PLAN**

Name of the department / Subject	Computer Science / Applications
Name of the Lecturer	V.SARVANI
Course/ Group	III B.com Sem--V
Paper	REAL TIME GOVERNANCE SYSTEM (RTGS)
Name of the topic	Introduction to E-Governance
Hours Required	3
Learning Objectives	Objectives of REAL TIME GOVERNANCE SYSTEM (RTGS)
Previous Knowledge to be Reminded	
<p>Topic Synopsis : <b>GOOD GOVERNANCE:</b></p> <p>1. <b>Participation:</b> Participation by both men and women is a key cornerstone of good governance.</p> <p>2. <b>Rule of law:</b> Good governance requires fair legal frameworks that are enforced impartially.</p> <p>3. <b>Transparency:</b> Transparency means that decisions taken and their enforcement are done in a manner that follows rules and regulations.</p> <p>4. <b>Responsiveness:</b> Good governance requires that institutions and processes try to serve all stakeholders within a reasonable timeframe.</p>	
Examples / Illustrations	GOVT. WEBSITES
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	<a href="http://www.egov4dev.ogr/success/case/">Http://www.egov4dev.ogr/success/case/</a>
Student Activity planned after the Teaching	Questing & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
Any Other activity	

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**TEACHING PLAN**

Name of the department / Subject	Computer Science / Applications
Name of the Lecturer	V.SARVANI
Course/ Group	III B.com Sem--V
Paper	REAL TIME GOVERNANCE SYSTEM (RTGS)
Name of the topic	E-Governance Infrastructure
Hours Required	3
Learning Objectives	Merits of REAL TIME GOVERNANCE SYSTEM (RTGS)
Previous Knowledge to be Reminded	Basics of INTERNET
<p>Topic Synopsis :            An Executive Information System (EIS) is a kind of decision support system (DSS) used in organizations to help executives in decision making. It does so by providing easy access to important data needed in an organization to achieve strategic goals. An EIS usually has graphical displays on a user-friendly interface. This information is based on data,</p> <ul style="list-style-type: none"> <li>• Business intelligence</li> <li>• Financial intelligence</li> <li>• Data with technology support to analyze</li> </ul>	
Examples / Illustrations	Student database
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	<a href="http://www.egov4dev.ogr/success/case/">Http://www.egov4dev.ogr/success/case/</a>
Student Activity planned after the Teaching	Questing & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
Any Other activity	

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**COMMISSIONERATE OF COLLEGIATE EDUCATION, A.P.,  
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Name of the department / Subject	Computer Science /Applications
Name of the Lecturer	V.SARVANI
Course/ Group	III B.com Sem--V
Paper	REAL TIME GOVERNANCE SYSTEM (RTGS)
Name of the topic	E-Governance: Country Experience
Hours Required	3
Learning Objectives	Features of RTGS PLATFORMS
Previous Knowledge to be Reminded	Computer components
<p>Topic Synopsis :</p> <ul style="list-style-type: none"> <li>• It is open to all Indian citizens.</li> <li>• The users can view, comment, share and rate the innovations crowd sourced on the platform.</li> <li>• View the leader board which is calculated based on the votes on each innovation.</li> <li>• Citizens can share their/organizations/someone else's innovation on the platform.</li> </ul> <p>Innovations can also be shared on various social media platforms such as WhatsApp, Facebook</p>	
Examples / Illustrations	NSP PORTAL
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	<a href="http://www.egov4dev.ogr/success/case/">Http://www.egov4dev.ogr/success/case/</a>
Student Activity planned after the Teaching	Questing & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
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TEACHING PLAN

Name of the department	Computer Science /Applications
Subject	
Name of the Lecturer	V.SARVANI
Course/ Group	III B.com Sem--V
Topic	REAL TIME GOVERNANCE SYSTEM (RTGS)
Name of the topic	E-Governance in India
Hours Required	3
Learning Objectives	E-governance services in AP other states
Previous Knowledge to be Reminded	Computer components
<p>Topic Synopsis :</p> <p>E-Governance is the application of information &amp; communication technologies to transform the efficiency, effectiveness, transparency and accountability of informational &amp; transactional exchanges with in Government, between Govt. &amp; Govt. Agencies of National, State, Municipal &amp; Local levels, citizen &amp; businesses, and to empower citizens through access &amp; use of information.</p> <p>e-Governance Model: The interactions in e-Governance, Government to Citizen (G2C), Government to Business (G2B) and Government to Government (G2G), which are presented schematically</p> <p>1.</p>	
Examples / Illustrations	Mee-Bhomi
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	<a href="http://www.egov4dev.ogr/success/case/">Http://www.egov4dev.ogr/success/case/</a>
Student Activity planned after the Teaching	Questing & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
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TEACHING PLAN

Name of the department / Subject	Computer Science / Applications
Name of the Lecturer	V.SARVANI
Course/ Group	III B.com Sem--V
Paper	REAL TIME GOVERNANCE SYSTEM (RTGS)
Name of the topic	Latest Applications in Real Time Governance
Hours Required	3
Learning Objectives	E-GOVERNANCE INITIATIVES
Previous Knowledge to be Reminded	Computer components
	<ol style="list-style-type: none"> <li>To develop farm, home, public service and village community.</li> <li>To bring improvement in producing of crops and animals living condition.</li> <li>To improve health and education condition etc. improvement of the rural people.</li> <li>To improve villagers with their own efforts.</li> <li><b>Health care:</b> E-healthcare can be defined as the use of ICT to support the delivery of healthcare support and services directly to people outside the conventional care centers such as Hospitals</li> </ol>
Examples / Illustrations	P/SQL program to find even number
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	<a href="http://www.egov4dev.ogr/success/case/">Http://www.egov4dev.ogr/success/case/</a>
Student Activity planned after the Teaching	Questing & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
Any Other activity	

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**TEACHING PLAN**

Name of the department / Subject	Computer Science / Applications
Name of the Lecturer	V.SARVANI
Course/ Group	II B.com Sem--III
Paper	PROGRAMMING WITH C & C++
Name of the topic	Introduction to C
Hours Required	3
Learning Objectives	Structure of C program – C character set, Tokens
Previous Knowledge to be Reminded	
<p>Topic Synopsis :</p> <p style="text-align: center;"><b><u>'C' TOKENS</u></b></p> <p>The 'C' tokens are nothing but programming elements. These are the fundamentals of C language. The following are the elements of a 'C' program.</p> <ol style="list-style-type: none"> <li>1. C character set</li> <li>2. Keywords (Reserved Words)</li> <li>3. Identifiers (User-defined Words)</li> <li>4. Constants</li> </ol>	
Examples / Illustrations	Hierarchical model
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Programming in C by Balaguruswamy
Student Activity planned after the Teaching	Questing & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
Any Other activity	

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 TEACHING PLAN

Name of the department	Computer Science / Applications
Name of the Lecturer	V.SARVANI
Course Group	II B com Sem-III
Page	PROGRAMMING WITH C & C++
Name of the topic	C data types and operators
Hours Required	3
Learning Objectives	Different operators
Previous Knowledge to be Reminded	Basics of programming
Topic Synopsis :	<div style="text-align: center;"> <pre> graph TD     PD[Primary Datatypes] --&gt; I[Integer]     PD --&gt; C[Character]     I --&gt; I1[short signed int]     I --&gt; I2[short unsigned int]     I --&gt; I3[long signed int]     I --&gt; I4[long unsigned int]     C --&gt; C1[signed char]     C --&gt; C2[unsigned char]         </pre> </div>
Examples / Illustrations	Hierarchical model
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Programming in C by Balaguruswamy
Student Activity planned after the Teaching	Questing & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
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TEACHING PLAN

Department	Computer Science / Applications
Lecturer	V.SARVANI
Course Group	II B.com Sem-III
Topic	PROGRAMMING WITH C & C++
Sub-topics	Repetitive statements, Arrays
Periods Required	3
Learning Objectives	Different types of loops and Arrays
Prerequisite Knowledge to be possessed	Computer components
Summary :	<pre> graph TD     A[Control Statements] --&gt; B[Conditional]     A --&gt; C[Repetitive or Iterative or Looping]     A --&gt; D[Unconditional]     B --&gt; B1["if if...else switch"]     C --&gt; C1["while do...while for"]     D --&gt; D1["goto continue break"]                     </pre>
Examples / Illustrations	For loop
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Programming in C by Balaguruswamy
Student Activity planned after the Teaching	Questioning & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
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TEACHING PLAN

Name of the department	Computer Science / Applications
Subject	V.SARVANI
Name of the Lecturer	II B.com Sem--III
Course/ Group	PROGRAMMING WITH C & C++
Paper	Strings and Functions
Name of the topic	
Hours Required	3
Learning Objectives	Different string functions
Previous Knowledge to be Reminded	Computer components
Topic Synopsis :	<p>Operations on strings:</p> <ol style="list-style-type: none"> <li>Reading and writing strings</li> <li>Combining strings together (concatenation)</li> <li>Copying one string to another</li> <li>Comparing strings for equality</li> <li>Finding the number of characters in a string (length)</li> </ol>
Examples / Illustrations	String concatenation
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Programming in C by Balaguruswamy
Student Activity planned after the Teaching	Questioning & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
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TEACHING PLAN

Department	Computer Science /Applications
Name of the Lecturer	V.SARVANI
Year/ Group	II B.com Sem--III
Subject	PROGRAMMING WITH C & C++
Topic	Classes and Objects
Periods Required	3
Learning Objectives	Class properties
Prerequisite Knowledge to be reminded	Computer components
Synopsis :	
<b>DEFINING A CLASS &amp; MEMBER FUNCTIONS :</b>	
<p>A class is user defined data type, which holds both data and functions. Access specifiers (private, public, protected). The internal data of a class is called "MEMBER DATA". The internal function of a class is called "MEMBER FUNCTION". The member functions are used to manipulate the data of a class. The objects of a class are called "OBJECTS" or "INSTANCES OF A CLASS".</p>	
Examples / Illustrations	Class definition
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Programming in C by Balaguruswamy
Student Activity planned for the teaching	Questioning & Answers methods , Assignment
Activity planned outside class	PPT Preparation
Other activity	

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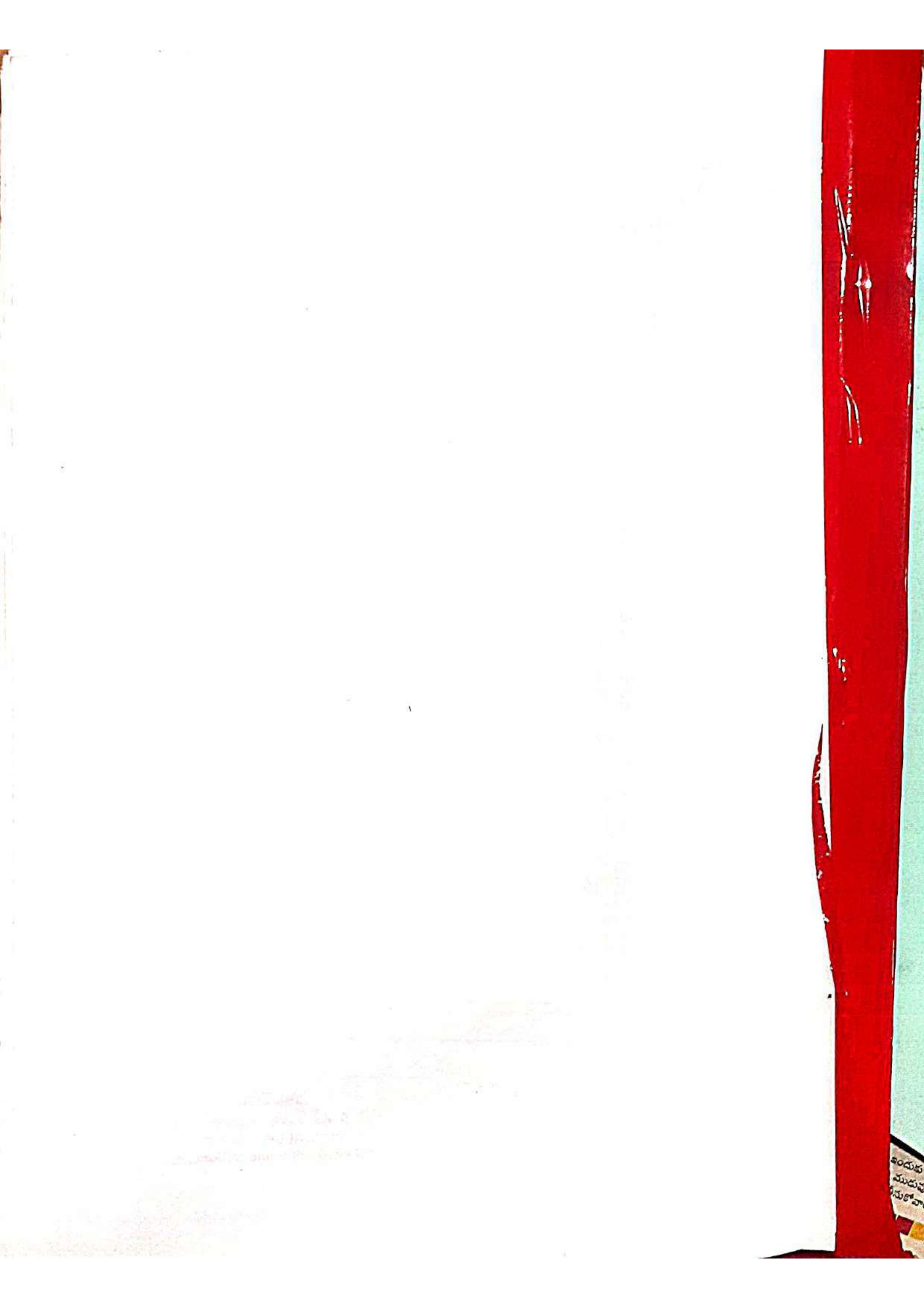
TEACHING PLAN

Department	Computer Science /Applications
Name of the Lecturer	V.SARVANI
Course/ Group	II B.com Sem--III
Topic	PROGRAMMING WITH C & C++
Sub topic	<b>Inheritance</b>
Hours Required	3
Learning Objectives	Types of inheritance
Previous Knowledge to Reminded	Computer components
<p><b>Topic Synopsis : Benefits of Inheritance :</b></p> <ol style="list-style-type: none"> <li>1. Reusability -&gt; facility to use public methods of base class without rewriting the same</li> <li>2. Extensibility -&gt; extending the base class logic as per business logic of the derived class</li> <li>3. Data hiding-&gt; base class can decide to keep some data private so that it cannot be altered by the derived class</li> </ol>	
Examples / Illustrations	Single inheritance
Additional Inputs	
Teaching Aids Used	Board work , Demo
References Cited	Programming in C by Balaguruswamy
Student Activity planned after the Teaching	Questioning & Answers methods , Assignment
Activity planned outside the class	PPT Preparation
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