DEPARTMENT OF ENGLISH
NIZAM COLLEGE (AUTONOMOUS)
OSMANIA UNIVERSITY, HYDERABAD-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Ms. B SHIRLEY GRACE			DESIGNATION:ASST. PROF
NAME OF THE COURSE: BA- ML English	SEMESTER: 1	PAPER :1	UNIT :1
PAPER TITLE: PAPER I: INTRODUCTION TO ENGLISH LANGUAGE AND LITERATURE			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO PAPER	1
BACKGROUND TO ENGLISH LITT	1
BACKGROUND TO ENGLISH LANGUAGE	1
ORIGIN AND DESCENT OF THE ENGLISH LANGUAGE	1
ANGLO-NORMAN	1
ANGLO-SAXON	1
SCANDINIVIAN	1
FEATURES OF OLD ENGLISH	1
CONT.D	1
FEATURES OF MIDDLE ENGLISH	1
CONT.D	1
CONT.D	1
FEATURES OF MODERN ENGLISH	1
CONT.D	1
CONT.D	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Ms. B SHIRLEY GRACE			DESIGNATION:ASST. PROF
NAME OF THE COURSE: BA ML English	SEMESTER: 1	PAPER :1	UNIT :2
PAPER TITLE: PAPER I: INTRODUCTION TO ENGLISH LANGUAGE AND LITERATURE			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
PROCESSES OF WORD FORMATION	1
PROCESSES OF WORD FORMATION	1
PROCESSES OF WORD FORMATION	1
PROCESSES OF CHANGE OF MEANING	1
PROCESSES OF CHANGE OF MEANING	1
SENTENCE STRUCTURE I	1
SENTENCE TYPES	1
SIMPLE SENTENCES	1
CONT.D	1
COMPOUND SENTENCES	1
CONT.D	1
COMPLEX SENTENCES	1
CONT.D	1
TRANSFORMATION OF SENTENCES	1
TRANSFORMATION OF SENTENCES	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Ms. B SHIRLEY GRACE			**DESIGNATION:** ASST. PROF
NAME OF THE COURSE: BA ML English	**SEMESTER: 1**	**PAPER :1**	**UNIT :3**
PAPER TITLE: PAPER I: INTRODUCTION TO ENGLISH LANGUAGE AND LITERATURE			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
LITERARY TERMS	1
EUPHEMISM	1
HYPERBOLE	1
IRON Y	1
METAPHOR	1
METONYMY	1
OXYMORON	1
PARADOX	1
PERSONIFICATION	1
SIMILE	1
SYNECDOCHE	1
POEMS - EXAMPLES	1
POEMS - EXAMPLES	1
POEMS - EXAMPLES	1
POEMS - EXAMPLES	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Ms. B SHIRLEY GRACE			DESIGNATION:ASST. PROF
NAME OF THE COURSE: BA ML English	SEMESTER: 1	PAPER :1	UNIT :4
PAPER TITLE: PAPER I: INTRODUCTION TO ENGLISH LANGUAGE AND LITERATURE			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
LITERARY ELEMENTS	1
ATMOSPHERE	1
CHARACTER	1
IMAGERY	1
NARRATIVE TECHNIQUE	1
PLOT	1
POINT OF VIEW	1
SETTING	1
STORY	1
SYMBOLISM	1
TONE	1
POEMS - EXAMPLES	1
POEMS - EXAMPLES	1
POEMS - EXAMPLES	1
POEMS - EXAMPLES	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Ms. B SHIRLEY GRACE			DESIGNATION:ASST. PROF
NAME OF THE COURSE: ML English	SEMESTER: 1	PAPER :1	UNIT :5
PAPER TITLE: PAPER I: INTRODUCTION TO ENGLISH LANGUAGE AND LITERATURE			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
LITERARY MOVEMENTS	1
16TH CENTURY	1
17TH CENTURY	1
18THCENTURY	1
19THCENTURY	1
20TH CENTURY	1
RENAISSANCE	1
REFORMATION	1
NEO-CLASSICISM	1
PRE-RAPHEALITISM	1
VICTORIAN AGE	1
ROMANTICISM	1
MODERNISM	1
POST MODERNISM	1
REVISION	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Ms. B SHIRLEY GRACE			DESIGNATION:ASST. PROF
NAME OF THE COURSE: BA ML	SEMESTER: 2	PAPER: 2	UNIT :1
PAPER TITLE: PAPER II: ENGLISH POETRY			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO THE FORMS OF POETRY	1
BALLAD	1
DRAMATIC MONOLOGUE	1
DRAMATIC MONOLOGUE CONTD.	1
ELEGY	1
ELEGY CONTD.	1
EPIC	1
EPIC CONTD	1
EPIC CONTD	1
ODE	1
ODE CONT.D	1
CONT.D	1
SONNET	1
CONT.D	1
CONTD.	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Ms. B SHIRLEY GRACE			DESIGNATION:ASST. PROF
NAME OF THE COURSE: BA ML English	SEMESTER: 2	PAPER : 2	UNIT : II
PAPER TITLE: PAPER II: ENGLISH POETRY			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO THE 16TH-17TH CENTURY POETRY	1
INTRODUCTION TO EDMUND SPENCER	1
EXPLANATION OF THE POEM 'ONE DAY I WROTE HER NAME'	1
CONTD	1
INTRODUCTION TO JOHN MILTON	1
LYCIDASINTRODUCTION	1
EXPLANATION OF THE POEN 'LYCIDAS'	1
LYCIDAS CONTD	1
LYCIDAS CONTD	1
CONTD	1
INTRODUCTION TO JOHN DONNE	1
METAPHYSICAL POETRY AND CONCEIT	1
EXPLANATION OF THE POEM 'THE ANNIVERSARY'	1
CONT.D	1
CLARIFICATION OF DOUBTS	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Ms. B SHIRLEY GRACE			**DESIGNATION:ASST. PROF**
NAME OF THE COURSE: BA ML English	**SEMESTER: 2**	**PAPER: 2**	**UNIT: III**
PAPER TITLE: PAPER II: ENGLISH POETRY			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO THE 17TH-18TH CENTURY POETRY	1
INTRODUCTION TO ALEXANDER POPE	1
EXPLANATION OF THE POEM 'ODE ON SOLITUDE'	1
CONTD	1
INTRODUCTION TO THOMAS GRAY	1
EXPLANATION OF THE PEOM 'HYMN TO ADVERSITY'	1
CONTD	1
CONTD	1
CONTD	1
INTRODUCTION TO WILLIAM BLAKE	1
INTRODUCTION TO THE POEM 'LONDON'	1
EXPLANATION OF THE POEM 'LONDON'	1
CONTD	1
CONT.D	1
CLARIFICATION OF DOUBTS	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Ms. B SHIRLEY GRACE			DESIGNATION:ASST. PROF
NAME OF THE COURSE: BA ML English	SEMESTER: 2	PAPER: 2	UNIT: IV
PAPER TITLE: PAPER II: ENGLISH POETRY			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO THE 18TH-19TH CENTURY POETRY	1
INTRODUCTION TO WILLIAM WORDSWORTH	1
EXPLANATION OF THE POEM 'THREE YEARS SHE GREW'	1
CONTD	1
CONTD	1
INTRODUCTION TO JOHN KEATS	1
EXPLANATION OF THE POEM 'ODE TO NIGHTINGALE'	1
CONTD	1
CONTD	1
CONTD	1
INTRODUCTION TO ROBERT BROWNING	1
EXPLANATION OF THE POEM 'MY LAST DUCHESS'	1
CONTD	1
CONT.D	1
CLARIFICATION OF DOUBTS	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Ms. B SHIRLEY GRACE			**DESIGNATION:** ASST. PROF
NAME OF THE COURSE: BA ML English	**SEMESTER:** 2	**PAPER:** 2	**UNIT:** V
PAPER TITLE: PAPER II ENGLISH POETRY			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO THE 19TH-20TH CENTURY POETRY	1
INTRODUCTION TO W.B. YEATS	1
EXPLANATION OF THE POEM 'THE SECOND COMING'	1
CONTD	1
CONTD	1
INTRODUCTION T.S. ELIOT	1
EXPLANATION OF THE POEM 'LOVE SONG OF ALFRED J PRUFROCK'	1
CONTD	1
CONTD	1
CONTD	1
CONTD	1
INTRODUCTION TO PHILIP LARKIN	1
EXPLANATION OF THE PEOM 'TOADS'	1
CONT.D	1
CLARIFICATION OF DOUBTS	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Dr SHUBHADA SAHASRABUDHE			DESIGNATION: ASST. PROF (C)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 3	PAPER: 3	UNIT: I
PAPER TITLE: PAPER III: ENGLISH DRAMA			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO DRAMA	1
TRAGEDY	1
TYPES OF TRAGEDY	1
CONTD	1
CONTD	1
COMEDY	1
TYPES OF COMEDY	1
CONTD	1
CONTD	1
TRAGICOMEDY	1
CONTD	1
MELODRAMA	1
FARCE	1
HISTORY PLAYS	1
CONTD	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Dr SHUBHADA SAHASRABUDHE			DESIGNATION: ASST. PROF (C)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 3	PAPER: 3	UNIT: II
PAPER TITLE: PAPER III: ENGLISH DRAMA			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO WILLIAM SHAKESPEARE	1
INTRODUCTION TO THE PLAY *MACBETH*	1
ACT I OF *MACBETH*	1
CONTD	1
ACT II	1
CONTD	1
ACT III	1
CONTD	1
ACT IV	1
CONTD	1
ACT V	1
CONTD	1
DISCUSSION OF THEMES	1
DISCUSSION OF CHARACTERS	1
DISCUSSION OF POSSIBLE QUESTIONS	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Dr SHUBHADA SAHASRABUDHE			DESIGNATION:ASST. PROF (C)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 3	PAPER: 3	UNIT: III
PAPER TITLE: PAPER III: ENGLISH DRAMA			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO OLIVER GOLDSMITH	1
INTRODUCTION TO THE PLAY *SHE STOOPS TO CONQUER*	1
ACT I OF *SHE STOOPS TO CONQUER*	1
CONTD	1
ACT II	1
CONTD	1
ACT III	1
CONTD	1
ACT IV	1
CONTD	1
ACT V	1
CONTD	1
DISCUSSION OF THEMES	1
DISCUSSION OF CHARACTERS	1
DISCUSSION OF POSSIBLE QUESTIONS	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Dr SHUBHADA SAHASRABUDHE			DESIGNATION: ASST. PROF (C)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 3	PAPER: 3	UNIT: IV
PAPER TITLE: PAPER III: ENGLISH DRAMA			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO GOERGE BERNARD SHAW	1
INTRODUCTION TO THE PLAY *PYGMALION*	1
ACT I OF *PYGMALION*	1
CONTD	1
ACT II	1
CONTD	1
ACT III	1
CONTD	1
ACT IV	1
CONTD	1
ACT V	1
CONTD	1
DISCUSSION OF THEMES	1
DISCUSSION OF CHARACTERS	1
DISCUSSION OF POSSIBLE QUESTIONS	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Dr SHUBHADA SAHASRABUDHE			DESIGNATION: ASST. PROF (C)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 3	PAPER: 3	UNIT: V
PAPER TITLE: PAPER III: ENGLISH DRAMA			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO ONE ACT PLAYS	1
INTRODUCTION TO AA MILNE	1
INTRODUCTION TO 'THE BOY COMES HOME	1
EXPLANATION OF THE PLAY	1
CONTD	1
CONTD	1
CONTD	1
INTRODUCTION TO HAROLD PINTER AND ABSURD	1
INTRODUCTION OF THE PLAY 'THE ROOM'	1
EXPLANATION OF THE PLAY	1
CONTD	1
CONTD	1
DISCUSSION OF THEMES	1
DISCUSSION OF CHARACTERS	1
DISCUSSION OF POSSIBLE QUESTIONS	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Dr SHUBHADA SAHASRABUDHE			DESIGNATION: ASST. PROF (C)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 4	PAPER: 4	UNIT: I
PAPER TITLE: PAPER IV: ENGLISH FICTION			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO TYPES OF FICTION	1
ALLEGORY	1
CONTD	1
EXPLANATION OF EPISTOLARY NOVEL	1
CONTD	1
CONTD	1
GOTHIC FICTION	1
CONTD	1
HISTORICAL FICTION	1
CONTD	1
PICARESQUE	1
CONTD	1
PSYCHOLOGICAL FICTION	1
CONTD	1
CONTD	1

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<u>LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023</u>

NAME OF THE TEACHER: Dr SHUBHADA SAHASRABUDHE			DESIGNATION: ASST. PROF (C)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 4	PAPER: 4	UNIT: II
PAPER TITLE: PAPER IV: ENGLISH FICTION			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO DANIEL DEFOE	1
INTRODUCTION TO *ROBINSON CRUSOE*	1
CONTD	1
EXPLANATION OF 1-5 CHAPTERS	1
EXPLANATION OF 6-10 CHAPTERS	1
EXPLANATION OF 11-14 CHAPTERS	1
14-18 CHAPTERS	1
19-23 CHAPTERS	1
24-28 CHAPTERS	1
28-30 CHAPTERS	1
30-31 CHAPTERS	1
DISCUSSION OF THEMES	1
DISCUSSION OF CHARACTERS	1
CONTD	1
DISCUSSION OF QUESTIONS	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Dr SHUBHADA SAHASRABUDHE			DESIGNATION: ASST. PROF (C)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 4	PAPER: 4	UNIT: III
PAPER TITLE: PAPER IV: ENGLISH FICTION			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO JANE AUSTEN	1
INTRODUCTION TO *PRIDE AND PREJUDICE*	1
CONTD	1
EXPLANATION OF 1-10CHAPTERS	1
EXPLANATION OF 10-17 CHAPTERS	1
EXPLANATION OF 17-25 CHAPTERS	1
26-30 CHAPTERS	1
31-40 CHAPTERS	1
41-50 CHAPTERS	1
51-61 CHAPTERS	1
DISCUSSION OF THEMES	1
DISCUSSION OF THEMES	1
DISCUSSION OF CHARACTERS	1
CONTD	1
DISCUSSION OF QUESTIONS	1

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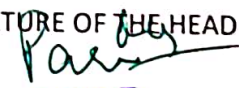## OSMANIA UNIVERSITY, HYDERABAD-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Dr SHUBHADA SAHASRABUDHE			DESIGNATION: ASST. PROF ⓒ
			UNIT: IV
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 4	PAPER: 4	
PAPER TITLE: PAPER IV: ENGLISH FICTION			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
	1
INTRODUCTION TO GEORGE ORWELL	1
INTRODUCTION TO *ANIMAL FARM*	1
CONTD	1
EXPLANATION OF 1-3 CHAPTERS	1
EXPLANATION OF 3-5 CHAPTERS	1
EXPLANATION OF 5-7 CHAPTERS	1
7-8 CHAPTERS	1
8-10 CHAPTERS	1
DISCUSSION OF THE THEMES	1
CONTD	1
DISCUSSION OF THE CHARACTERS	1
CHARACTERS AND THEIR ALLEGORICAL REFERENCES	1
CONTD	1
CONTD	1
DISCUSSION OF QUESTIONS	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Dr SHUBHADA SAHASRABUDHE			DESIGNATION: ASST. PROF (C)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 4	PAPER: 4	UNIT: V
PAPER TITLE: PAPER IV: ENGLISH FICTION			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO SHORT STORIES	1
INTRODUCTION TO RUDYARD KIPLING	1
INTRODUCTION TO 'THE MAN WHO WOULD BE KING'	1
'THE MAN WHO WOULD BE KING'	1
CONTD	1
CONTD	1
DISCUSSION OF THE THEMES	1
CONTD	1
INTRODUCTION TO ARTHUR CONAN DOYLE	1
INTRODUCTION TO THE ADVENTURE OF THE SPECKLED BAND	1
THE ADVENTURE OF THE SPECKLED BAND	1
CONTD	1
CONTD	1
DISCUSSION OF THEMES	1
CONTD	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Dr SARASWATHY R H			**DESIGNATION:** ASST. PROF (c)
NAME OF THE COURSE: BA ML ENGLISH	**SEMESTER:** 5	**PAPER:** 5	**UNIT:** I
PAPER TITLE: PAPER V: MODERN INDIAN LITERATURE			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO THE PAPER	1
INTRODUCTION TO ENGLISH EDUCATION IN INDIA	1
ENGLISH EDUCATION IN INDIA	1
MACAULAY'S MINUTES	1
CONTD	1
WOOD'S DISPATCH	1
GRANT'S COMMISSION	1
OTHER COMMISSIONS	1
CONTD	1
ROLE OF ENGLISH IN THE FREEDOM STRUGGLE	1
CONTD	1
DECOLONIZATION	1
CONTD	1
DALIT LITERATURE	1
CONTD	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Dr SARASWATHY R H			DESIGNATION: ASST. PROF (c)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 5	PAPER: 5	UNIT: II
PAPER TITLE: PAPER V: MODERN INDIAN LITERATURE			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO INDIAN POETRY	1
CONTD	1
INTRODUCTION TO TORU DUTT	1
CONTD	1
EXPLANATION OF THE POEM 'TREE OF LIFE'	1
CONTD	1
DISCUSSION OF THE THEMES IN THE POEM	1
INTRODUCTION TO AK RAMANUJAN	1
EXPLANATION OF THE POEM 'OBITUARY'	1
CONTD	1
THEMES OF THE POEM	1
INTRODUCTION TO AGHA SHAHID ALI	1
EXPLANATION OF THE POEM 'POSTCARD FROM KASHMIR'	1
CONTD	1
THEMES	1

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Dr SARASWATHY R H			DESIGNATION: ASST. PROF (c)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 5	PAPER: 5	UNIT: III
PAPER TITLE: PAPER V: MODERN INDIAN LITERATURE			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO INDIAN SHORT FICTION	1
CONTD	1
INTRODUCTION TO PREMCHAND	1
CONTD	1
EXPLANATION OF 'IDGAH'	1
CONTD	1
DISCUSSION OF THE THEMES	1
CONTD	1
INTRODUCTION OF SHASHI DESHPANDE	1
CONTD	1
EXPLANATION OF 'INDEPENDENCE DAY'	1
CONTD	1
THEMES	1
CONTD	1
CLARIFICATION OF DOUBTS	1

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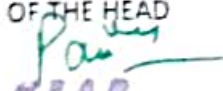## NIZAM COLLEGE (AUTONOMOUS)
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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Dr SARASWATHY R H			DESIGNATION:ASST. PROF (c)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 5	PAPER: 5	UNIT: IV
PAPER TITLE: PAPER V: MODERN INDIAN LITERATURE			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO INDIAN DRAMA	1
CONTD	1
INTRODUCTION TO RABINDRANATH TAGORE	1
CONTD	1
INTRODUCTION TO THE PLAY POST OFFICE	1
CONTD	1
ACT I	1
CONTD	1
ACT II	1
CONTD	1
ACT III	1
CONTD	1
THEMES	2
CHARACTERS	1
CONTD	1

SIGNATURE OF THE TEACHER

SIGNATURE OF THE HEAD

HEAD
DEPARTMENT OF ENGLISH
NIZAM COLLEGE

DEPARTMENT OF ENGLISH
NIZAM COLLEGE (AUTONOMOUS)
OSMANIA UNIVERSITY, HYDERABAD-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Dr SARASWATHY R H			DESIGNATION: ASST. PROF (c)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 5	PAPER: 5	UNIT: V
PAPER TITLE: PAPER V: MODERN INDIAN LITERATURE			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO INDIAN NOVEL	1
CONTD	1
INTRODUCTION TO R K NARAYAN	1
CONTD	1
INTRODUCTION TO THE NOVEL THE GUIDE	1
CONTD	1
CHAPTERS 1-5	1
CONTD	1
CHAPTERS 5-8	1
CHAPTERS 8-11	1
DISCUSSION OF THE THEMES	1
CONTD	1
CHARACTERS	1
CHARACTERS	1
DISCUSSION OF QUESTIONS	1

SIGNATURE OF THE TEACHER

SIGNATURE OF THE HEAD

HEAD
DEPARTMENT OF ENGLIS:
NIZAM COLLEGE

DEPARTMENT OF ENGLISH
NIZAM COLLEGE (AUTONOMOUS)
OSMANIA UNIVERSITY, HYDERABAD-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Mr. D M DAVID MATHEWS			DESIGNATION: ASST. PROF (PT)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 6	PAPER: 6	UNIT: I
PAPER TITLE: PAPER VI: AMERICAN LITERATURE			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO AMERICAN LITERATURE	1
CONTD	1
CIVIL WAR	1
CONTD	1
CONTD	1
TRANSCIDENTALISM	1
CONTD	1
CONTD	1
AMERICAN DREAM	1
CONTD	1
CONTD	1
CONTD	1
RACISM	1
CONTD	1
CONTD	1

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DEPARTMENT OF ENGLISH
NIZAM COLLEGE (AUTONOMOUS)
OSMANIA UNIVERSITY, HYDERABAD-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Mr. D M DAVID MATHEWS			DESIGNATION: ASST. PROF (PT)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 6	PAPER: 6	UNIT: II
PAPER TITLE: PAPER VI: AMERICAN LITERATURE			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO AMERICAN POETRY	1
CONTD	1
INTRODUCTION TO ROBERT FROST	1
INTRODUCTION TO 'THE ROAD NOT TAKEN'	1
EXPLANATION OF 'THE ROAD NOT TAKEN'	1
CONTD	1
INTRODUCTION TO WALLACE STEVENS	1
THE POEM 'THE SNOWMAN'	1
CONTD	1
CONTD	1
INTRODUCTION TO MAYA ANGELOU	1
POEM 'TO A HUSBAND'	1
CONTD	1
CONTD	1
CLARIFICATION OF DOUBTS	1

SIGNATURE OF THE TEACHER

SIGNATURE OF THE HEAD
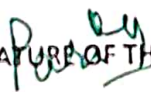
LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Mr. D M DAVID MATHEWS			DESIGNATION: ASST. PROF (PT)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 6	PAPER: 6	UNIT: III
PAPER TITLE: PAPER VI: AMERICAN LITERATURE			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO AMERICAN SHORT FICTION	1
CONTD	1
INTRODUCTION TO EDGAR ALLAN POE	1
CONTD	1
'THE PURLIONED LETTER'	1
CONTD	1
CONTD	1
DISCUSSION OF THEMES	1
CONTD	1
INTRODUCTION TO ALICE WALKER	1
'EVERYDAY USE'	1
CONTD	1
CONTD	1
DISCUSSION OF THEMES	1
CONTD	1

SIGNATURE OF THE TEACHER

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HEAD
DEPARTMENT OF ENGLISH
NIZAM COLLEGE

DEPARTMENT OF ENGLISH
NIZAM COLLEGE (AUTONOMOUS)
OSMANIA UNIVERSITY, HYDERABAD-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Mr. D M DAVID MATHEWS			DESIGNATION: ASST. PROF (PT)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 6	PAPER: 6	UNIT: IV
PAPER TITLE: PAPER VI: AMERICAN LITERATURE			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO AMERICAN DRAMA	1
CONTD	1
INTRODUCTION TO NEIL SIMON	1
CONTD	1
INTRODUCTION TO THE PLAY THE ODD COUPLE	1
CONTD	1
ACT I	1
CONTD	1
ACT II	1
CONTD	1
ACT III	1
CONTD	1
DISCUSSION OF THEMES	1
DISCUSSION OF CHARACTERS	1
CONTD	1

SIGNATURE OF THE TEACHER

SIGNATURE OF THE HEAD

DEPARTMENT OF ENGLISH
NIZAM COLLEGE (AUTONOMOUS)
OSMANIA UNIVERSITY, HYDERABAD-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

NAME OF THE TEACHER: Mr. D M DAVID MATHEWS			DESIGNATION:ASST. PROF (P7)
NAME OF THE COURSE: BA ML ENGLISH	SEMESTER: 6	PAPER: 6	UNIT: V
PAPER TITLE: PAPER VI: AMERICAN LITERATURE			

NAME OF THE TOPIC	NO OF HOURS REQUIRED
INTRODUCTION TO AMERICAN PROSE	1
CONTD	1
INTRODUCTION TO ESSAYS OF THOREAU	1
CONTD	1
CONTD	1
CIVIL DISOBEDIENCE	1
CONTD	1
CONTD	1
CONTD	1
CONTD	1
DISCUSSION OF THEMES	1
CONTD	1
CONTD	1
DISCUSSION OF POSSIBLE QUESTIONS	1
CONTD	1

SIGNATURE OF THE TEACHER

SIGNATURE OF THE HEAD

HEAD
DEPARTMENT OF ENGLISH
NIZAM COLLEGE
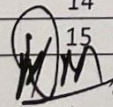
General English (Textbook- *English Made Easy*)
Total Teaching Hours: 60 Hours
Year I Paper-I

LESSON 1	TOPIC	TIME in HOURS
	Short Fiction: 'The Curb in the Sky'	**15 Hours**
01	Pre-reading questions, About the Author, Glossary	1
02	Lesson explanation	1
03	Lesson explanation	1
04	Post-reading questions	1
05	Pronunciation: Consonant sounds	1
06	Grammar: Noun	1
07	Vocabulary: Word roots, prefixes and suffixes	1
08	Spelling: Commonly misspelt words	1
09	Punctuation: Capitalization	1
10	Conversation: Introducing yourself in a formal situation	1
11	Reading passage: Chindu Yellamma: A Telangana artist	1
12	Writing: Expansion of a sentence into a paragraph	1
13	Soft skills: Motivation and goal setting	1
14	Value orientation	1
15	Clarification of doubts	1

LESSON 2	TOPIC	TIME in HOURS
Class	**Prose: 'Happy People'**	**15 Hours**
01	Pre-reading questions, About the Essayist, Glossary	1
02	Lesson explanation	1
03	Lesson explanation	1
04	Post-reading questions	1
05	Pronunciation: Vowel sounds (Monopthongs)	1
06	Grammar: Pronoun	1
07	Vocabulary: Word roots, prefixes and suffixes	1
08	Spelling: Forming antonyms using *un-* and *dis-*	1
09	Punctuation: Capitalisation	1
10	Conversation: Starting and sustaining a conversation	1
11	Reading passage: The Million March: an initiative for statehood	1
12	Writing: Sequencing	1
13	Soft skills: Self-confidence	1
14	Value orientation	1
15	Clarification of doubts	1

LESSON 3	TOPIC	TIME in HOURS
	Poetry: 'A Psalm of Life'	15 Hours
01	Pre-reading questions, About th Poet, Glossary	1
02	Poem explanation	1
03	Poem explanation	1
04	Post-reading questions	1
05	Pronunciation: Vowel sounds (Dipthongs)	1
06	Grammar: Auxiliary verbs	1
07	Vocabulary: Homonyms, homographs, homophones	1
08	Spelling: Words ending in –tion and -sion	1
09	Punctuation: Full stop and comma	1
10	Conversation: Describing your college	1
11	Reading passage: Bathukamma: a vibrant Telangana festival	1
12	Writing: Descriptive writing	1
13	Soft skills: Non-verbal communication and body language	1
14	Value orientation	1
15	Clarification of doubts	1

LESSON 4	TOPIC	TIME in HOURS
	Drama: 'The Dear Departed' (An Extract)	15 Hours
01	Pre-reading questions, About the Dramatist, Glossary	1
02	Drama explanation	1
03	Drama explanation	1
04	Post-reading questions	1
05	Pronunciation: Letters with varied pronunciation	1
06	Grammar: Main verbs and tenses	1
07	Vocabulary: Collocations	1
08	Spelling: Words ending in –tion and -ment	1
09	Punctuation: Question mark and exclamation mark	1
10	Conversation: Leaving a voicemail, making an appointment over the phone	1
11	Reading passage: Hussain Sagar	1
12	Writing: Dialogue writing	1
13	Soft skills: Interpersonal skills	1
14	Value orientation	1
15	Clarification of doubts	1

D M. David Mathew

Name of the Teacher

Parives

Head

NIZAM COLLEGE: OU- Department of English
Lesson Plan for UG General English Semester-II for the Academic year 2022-23

General English (Textbook- *English Made Easy*)
Total Teaching Hours: 60 Hours
Year I - Paper-II

LESSON 5	TOPIC	TIME in HOURS
	Short Fiction: 'A Visit of Charity'	**15 Hours**
01	Pre-reading questions, About the Author, Glossary	1
02	Lesson explanation	1
03	Lesson explanation	1
04	Post-reading questions	1
05	Pronunciation: Plosive, Minimal pairs	1
06	Grammar: Non-finite verbs	1
07	Vocabulary: Simile and Metaphor	1
08	Spelling: Use of 'ie' and 'ei'	1
09	Punctuation: Semicolon	1
10	Conversation: Asking for Information	1
11	Reading passage: Hyderabad: the heart of Telangana	1
12	Writing: Note-making	1
13	Soft skills: Time management	1
14	Value orientation	1
15	Clarification of doubts	1

LESSON 6	TOPIC	TIME in HOURS
Class	Prose: 'Benaras'	15 Hours
01	Pre-reading questions, About the Author, Glossary	1
02	Lesson explanation	1
03	Lesson explanation	1
04	Post-reading questions	1
05	Pronunciation: Fricative	1
06	Grammar: Adjective	1
07	Vocabulary: Oxymoron and Hyperbole	1
08	Spelling: Words ending in –able or –ible	1
09	Punctuation: Colon and em-dash	1
10	Conversation: Requests	1
11	Reading passage: Burrakatha: an oral narrative performance	1
12	Writing: Informal Letters	1
13	Soft skills: Leadership	1
14	Value orientation	1
15	Clarification of doubts	1

LESSON 7	TOPIC	TIME in HOURS
	Poetry: 'Stanzas Written In Dejection, Near Naples'	15 Hours
01	Pre-reading questions, About the Poet, Glossary	1
02	Poem explanation	1
03	Poem explanation	1
04	Post-reading questions	1
05	Pronunciation: Affricate	1
06	Grammar: Article	1
07	Vocabulary: Portmanteau words	1
08	Spelling: Words ending in –al, -ance, -ence, -ic, -ity and –ive	1
09	Punctuation: Hyphen	1
10	Conversation: Conducting a meeting	1
11	Reading passage: Flower-boat	1
12	Writing: Formal Letters	1
13	Soft skills: Stress management	1
14	Value orientation	1
15	Clarification of doubts	1

LESSON 8	TOPIC	TIME in HOURS
	Drama: 'Shakespeare Retold: Julius Caesar' (An Extract from Act III, Scene 2)	15 Hours
01	Pre-reading questions, About the Dramatist, Glossary	1
02	Drama explanation	1
03	Drama explanation	1
04	Post-reading questions	1
05	Pronunciation: Approximant	1
06	Grammar: Adverb	1
07	Vocabulary: Palindromes	1
08	Spelling: Derived forms of words	1
09	Punctuation: Inverted comma	1
10	Conversation: Interview skills	1
11	Reading passage: The Handicrafts of Telangana	1
12	Writing: Formal Letters	1
13	Soft skills: Etiquette and grooming	1
14	Value orientation	1
15	Clarification of doubts	1

Name of the Teacher

Syed Ajmal Sameed

Head

NIZAM COLLEGE: OU- Department of English

Lesson Plan for UG General English Semester-III for the Academic year 2022-23

General English (Textbook- English in Use)
Total Teaching Hours: 45 Hours
Year II Paper-III

Unit I

	Topics to be covered	Time in hours
1	**Poem:"Life"** Pre-reading Activity, About the Poet (Charlotte Bronte), About the Poem	1
2	Poem: "Life" by Charlotte Bronte reading and explanation	1
3	Comprehension I and II Discussion	1
4	Post-reading Activity	1
5	*Poem "Life" by Sarojini Naidu (*Not for testing) clarification of doubts	1
6	**Prose: "A Wrong Man in the Workers' Paradise"** Pre-reading Activity, About the Author (Rabindranath Tagore), About the Story	1
7	Text reading and explanation	1
8	Comprehension I and II discussion	1
9	Post-reading Activity	1
10	*Poem "Leisure" by WH Davies (*Not for testing) clarification of doubts	1
11	**Vocabulary:** Synonyms	1
12	Vocabulary: Antonyms	1
13	**Grammar:** Prepositions - explanation	1
14	Grammar: Prepositions text-based exercises	1
15	Grammar: Prepositions text-based exercises, clarification of doubts	1

Unit II

	Topics to be covered	Time in hours
1	**Poem: "Punishment in Kindergarten"** Pre-reading Activity, About the Poet (Kamala Das), About the Poem	1
2	Poem: "Punishment in Kindergarten" reading and explanation	1
3	Comprehension I and II discussion	1
4	Post-reading Activity	1
5	Clarification of doubts	1
6	**Prose: "Toasted English"** Pre-reading Activity, About the Author (RK Narayan), About the Essay	1

7	Text reading and explanation	1
8	Comprehension I and II discussion	1
9	Post-reading Activity	1
10	Clarification of doubts	1
11	**Vocabulary:** British English and American English	1
12	Vocabulary: Text-based exercises	1
13	**Grammar:** Voice - explanation	1
14	Grammar: text-based exercises	1
15	Grammar: text-based exercises, clarification of doubts	1

Unit III

	Topics to be covered	Time in hours
1	**Essay Writing:** Discursive Essay, Argumentative Essay – An Introduction	1
2	Discursive Essay samples discussion and explanation	1
3	Different stages of Discursive Essay writing process, Structure	1
4	Essay writing practice with text-based topics	1
5	Practice essay choosing topic of their choice	1
6	Argumentative Essay writing process, Differences between Discursive Essay and Argumentative Essay	1
7	Possible Structures of Argumentative Essay and Points to keep in mind while writing this type of essay	1
8	Argumentative Essay sample essay discussion and practice text-based topics	1
9	Practice text-based essay topics (any one) and discussing the same in the class	1
10	Peer evaluation of both types of essays and discussion based on the feedback	1
11	Vocabulary: Idioms	1
12	Vocabulary: Text-based exercises	1
13	Grammar: Connectives - explanation	1
14	Grammar: Connectives text-based exercises	1
15	Clarification of doubts	1

Dr. P. Jeevan

Name of the Teacher

Head ———

NIZAM COLLEGE: OU- Department of English

Lesson Plan for UG General English Semester-IV for the Academic year 2022-23
General English (Textbook- English in Use)
Total Teaching Hours: 45 Hours
Year II Paper-IV

Unit I

	Topics to be covered	Time in hours
1	**Poem:"As I Grew Older"** Pre-reading Activity, About the Poet (Langston Hughes), About the Poem	1
2	Poem: "As I Grew Older" by Langston Hughes reading and explanation	1
3	Comprehension I and II Discussion	1
4	Post-reading Activity	1
5	Clarification of doubts	1
6	**Prose: " The Grammar of Anarchy"** Pre-reading Activity, About the Author (BR Ambedkar), About the Story	1
7	Text reading and explanation	1
8	Comprehension I and II Discussion	1
9	Post-reading Activity	1
10	Clarification of doubts	1
11	**Vocabulary**: Phrasal Verbs	1
12	Vocabulary: Phrasal Verbs	1
13	**Grammar**: Concord	1
14	Grammar: Concord	1
15	Grammar: Clarification of doubts	1

Unit II

	Topics to be covered	Time in hours
1	**Poem: "The Flower"** Pre-reading Activity, About the Poet (Alfred Tennyson), About the Poem	1
2	Poem: "The Flower" reading and explanation	1
3	Comprehension I and II Discussion	1
4	Post-reading Activity	1
5	Poem "The Rose" Clarification of doubts	1
6	**Prose: "The Kitemaker"** Pre-reading Activity, About the Author (Ruskin Bond), About the Essay	1
7	Text reading and explanation	1
8	Comprehension I and II discussion	1
9	Post-reading Activity	1
10	Clarification of doubts	1
11	**Vocabulary: Commonly Confused Words**	1
12	Vocabulary: Commonly Confused Words	1
13	**Grammar: Determiners**	1
14	Grammar: Determiners	1

15	Grammar: text-based exercises, clarification of doubts	1

Unit III

	Topics to be covered	Time in hours
1	**Report Writing:** An Introduction	1
2	Business Reports discussion and explanation	1
3	Business Reports discussion and explanation	1
4	Feasibility Reports discussion and explanation	1
5	Feasibility Reports discussion and explanation	1
6	Progress Reports discussion and explanation	1
7	Progress Reports discussion and explanation	1
8	Evaluation Reports discussion and explanation	1
9	Media Reports discussion and explanation	1
10	Media Reports discussion and explanation	1
11	Vocabulary: Technical Vocabulary	1
12	Vocabulary: Technical Vocabulary	1
13	Grammar: Reported Speech	1
14	Grammar: Reported Speech	1
15	Clarification of doubts	1

Name of the Teacher

Dr. Shubhada S.

Shubhada

Dr. Saraswathy. R.H

Saraswathy

Head

NIZAM COLLEGE: OU- Department of English

Lesson Plan for UG General English Semester-V for the Academic year 2022-23

General English (Textbook- English in Action)
Total Teaching Hours: 45 Hours
Year III Paper-V

Unit I

	Topics to be covered	Time in hours
1	**Poem:"Ecology"** Pre-reading Activity, About the Poet (A K Ramanujan), About the Poem	1
2	Poem: "Ecology" reading and explanation	1
3	Comprehension I and II Discussion	1
4	Post-reading Activity	1
5	Clarification of doubts	1
6	**Prose: "What's The Language of the Future"** Pre-reading Activity, About the Author (Henry Hitchings), About the Story	1
7	Text reading and explanation	1
8	Comprehension I and II Discussion	1
9	Post-reading Activity	1
10	Clarification of doubts	1
11	**Vocabulary:** Indianisms	1
12	Vocabulary: Indianisms	1
13	**Grammar:** Framing Questions	1
14	Grammar: Framing Questions	1
15	Grammar: Clarification of doubts	1

Unit II

	Topics to be covered	Time in hours
1	Introduction to **Gender Sensitization**	1
2	**Poem: "Prose Poem: Girl"** Pre-reading Activity, About the Poet (Jamaica Kincaid), About the Poem	1
3	"Prose Poem: Girl" Explanation and Discussion	1
4	Comprehension I and II Discussion	1
5	Post Reading Activity	1
6	**Prose: " Gender Equality is Your Issue Too"** Pre-reading Activity, About the Author (Emma Watson), About the Essay	1
7	Text reading and explanation	1

8	Comprehension I and II discussion	1
9	Post-reading Activity	1
10	Remarks of Hilary Rodham Clinton	1
11	**Vocabulary:** Analogy and Odd Word out	1
12	Vocabulary: Analogy and Odd Word out	1
13	**Grammar:** Verbs	1
14	Grammar: Verbs	1
15	Grammar: text-based exercises, clarification of doubts	1

Unit III

	Topics to be covered	Time in hours
1	**Review Writing:** An Introduction	1
2	Film Review discussion and explanation	1
3	Film Review Structure discussion and explanation	1
4	Film Review Structure discussion and explanation	1
5	Film Review Exercise I	1
6	Film Review Exercise I	1
7	Book Review discussion and explanation	1
8	Book Review discussion and explanation	1
9	Book Review discussion and explanation of Structure	1
10	Book Review Exercise	1
11	Vocabulary: Technical Vocabulary	1
12	Vocabulary: Technical Vocabulary	1
13	Grammar: Conditionals	1
14	Grammar: Conditionals	1
15	Clarification of doubts	1

Name of the Teacher   Head

Dr. Shubhada S.

Shubhada

Dr. Saraswathy. R. H.

Saraswathy

NIZAM COLLEGE: OU- Department of English

Lesson Plan for UG General English Semester-VI for the Academic year 2022-23

General English (Textbook- English in Action)
Total Teaching Hours: 45 Hours
Year III Paper-VI

Unit I

	Topics to be covered	Time in hours
1	Poem:"Television" Pre-reading Activity, About the Poet (Roald Dahl), About the Poem	1
2	Poem: "Television" reading and explanation	1
3	Comprehension I and II Discussion	1
4	Post-reading Activity	1
5	Poem "Teevee" by eve Merriam Clarification of doubts	1
6	Prose: "The Fringe Benefits of Failure and the Importance of Imagination " Pre-reading Activity, About the Author (JK Rowling), About the Story	1
7	Text reading and explanation	1
8	Comprehension I and II Discussion	1
9	Post-reading Activity	1
10	Clarification of doubts	1
11	Vocabulary: One Word Substitutes	1
12	Vocabulary: One Word Substitutes	1
13	Grammar: Relative Clauses	1
14	Grammar: Relative Clauses	1
15	Grammar: Clarification of doubts	1

Unit II

	Topics to be covered	Time in hours
1	Introduction to Gender Sensitization	1
2	Poem: "Accomplishments" Pre-reading Activity, About the Poet (Elizabeth Ralph Mertz), About the Poem	1
3	"Prose Poem: Girl" Explanation and Discussion	1
4	Comprehension I and II Discussion	1
5	Post Reading Activity	1
6	Prose: "Third Suggestion" Pre-reading Activity, About the Author (Chimamanda Ngozi Adichie), About the Essay	1
7	Text reading and explanation	1
8	Comprehension I and II Discussion	1

9	Comprehension I and II Discussion	1
10	Post Reading Activity	1
11	**Vocabulary:** Formal and informal Vocabulary	1
12	Vocabulary: Formal and informal Vocabulary	1
13	**Grammar:** Sentence Types	1
14	Grammar: Sentence Types	1
15	Grammar: text-based exercises, clarification of doubts	1

Unit III

	Topics to be covered	Time in hours
1	**CV Writing:** An Introduction	1
2	Chronological CV discussion and explanation	1
3	Chronological CV discussion and explanation	1
4	Cover Letter discussion and explanation	1
5	CV Exercise I	1
6	CV Exercise I	1
7	Functional CV discussion and explanation	1
8	Functional CV discussion and explanation	1
9	Functional CV Exercise I	1
10	Functional CV Exercise I	1
11	Vocabulary: Appropriacy	1
12	Vocabulary: Appropriacy	1
13	Grammar: Common Errors	1
14	Grammar: Common Errors	1
15	Clarification of doubts	1

Name of the Teacher

D. SUDARSHAN.

Head

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-I)
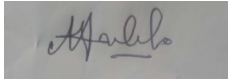
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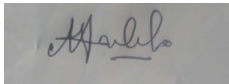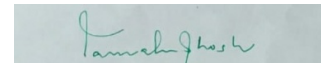
Course/paper: Morden Language - I
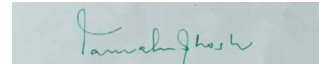
Unit: I   No. of Hours Allotted: 15

Nibandh Niket: Meaning and Definition of Nibandh	1
Types of Nibandh	2
History of Hindi Essay	2
Man ki Drudhata: Balakrishna Batt - Introduction	1
Life Sketch of the Writer - Balakrishna Batt	2
Man ki Drudhata: Meanings of Hard Words and Explanation	1
Summary of the Lesson	2
Reference of the Context	2
Synopsis of the Man ki Drudhata	2

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-I)
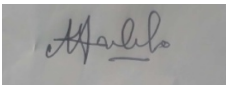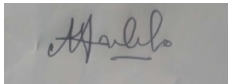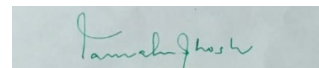
Class: B.A (HHS) I$_{st}$ Year   **section: No**

Course/paper: Morden Language

Unit: II   **No. of Hours Allotted: 15**

Acharan ki Sabhyata: Sardaar Purnasingh - Introduction	1
Life Sketch of the Writer - Sardaar Purnasingh	2
Meanings of Hard Words and Explanation	2
Summary of the Lesson	4
Reference of the Context	2
Synopsis of the Acharan ki Sabhyatha	2
Sardaar Purnasingh: His works on Hindi Literature	2

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-I)

Class: B.A (HHS) I$_{st}$ Year   section: No
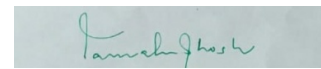
Course/paper: Morden Language

Unit: III   No. of Hours Allotted: 15

Jeene ki Kala: Mahadevi Varma - Introduction	1
Life Sketch of the Writer - Mahadevi Varma	2
She's works on the Hindi Literature	2
Meanings of Hard Words and Explanation	2
Summary of the Lesson	4
Reference of the Context	2
Synopsis of the Jeene ki Kala	2

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-I)
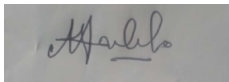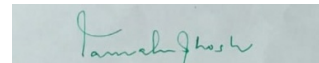
Class: B.A (HHS) I$_{st}$ Year   **section:** No

Course/paper: Morden Language

Unit: IV   **No. of Hours Allotted: 15**

Druvaswamini (Drama): Jaishanker Prasad - Introduction	1
Life Sketch of the Dramatist	1
Ithihasikata	2
Pratham Ank Explanation	2
Dwitiya Ank Explanation	2
Thrutiya Ank Explanation	2
Reference of the Context	2
Paatra Yojana (Characters in the Drama)	1
Uddeshya (Content of the Drama)	1
Synopsis of the Drama	1

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 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-II)
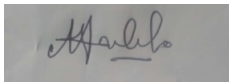
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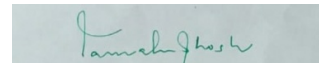Course/paper: Morden Language-II

Unit: I   No. of Hours Allotted: 15

Devadaru: Hajari Prasad Dwivedi - Introduction	1
Life Sketch of the Writer - Hajari Prasad Dwivedi	2
Hajari Prasad Dwivedi: His works on Hindi Literature	3
Meanings of Hard Words and Explanation	2
Summary of the Lesson	2
Reference of the Context	3
Synopsis of the Devadaru	2

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 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-II)
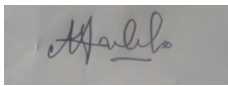
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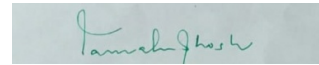Course/paper: Morden Language-II

Unit: II   No. of Hours Allotted: 15

Dabre par Suraj ka Bimb: Muktibodh - Introduction	1
Life Sketch of the Writer Muktibodh	2
Muktibodh: His works on Hindi Literature	2
Meanings of Hard Words and Explanation	2
Summary of the Lesson	4
Reference of the Context	2
Synopsis of the Dabre par Suraj ka Bimb	2

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 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

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NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-II)

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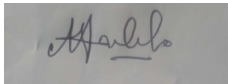**Class:**   B.A (HHS) I$_{st}$ Year   **section: No**

Course/paper: Morden Language-II

Unit: III   **No. of Hours Allotted: 15**

Chetana ka Sanskar: Sacchidanand Hiranand Vatsayayan Agney - Introduction	1
Life Sketch of the Writer - Agney	2
Agney: His works on Hindi Literature	2
Meanings of Hard Words and Explanation	2
Summary of the Lesson	4
Reference of the Context	3
Synopsis of the Chetana ka Sanskar	1

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 Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-II)

Class: B.A (HHS) I$_{st}$ Year   section: No

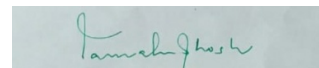Course/paper: Morden Language-II

Unit: IV   No. of Hours Allotted: 15

Shesh Yatra (Novel): - Introduction	1
Upanyas (Novel): Meaning and Definition	1
Types of Upanyas (Novel)	2
Meanings of Hard Words and Explanation	3
Summary of the Novel	3
Characters of the Novel	2
Uddeshya (Content of the Novel)	2
Synopsis of the Shesh Yatra Upanyas	1

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 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-III)
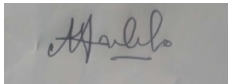
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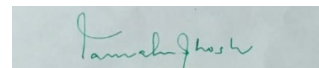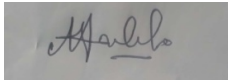
Course/paper: Morden Language-III

Unit: I   **No. of Hours Allotted: 11**

Kabirdas - Introduction	1
Life Sketch of the Kabirdas	1
Kabirdas: His works on Hindi Literature	1
Kabir ke Dohe – Short	2
Meanings of Hard Words and Explanation	1
Description of Dohe	2
Reference of the Content	1
Contribution of Kabirdas	1
Synopsis of the Kabir ke Dohe	1

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 Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-III)

Class: B.A (HHS) II_{nd} Year   section: No
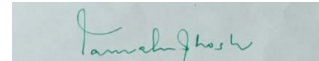
Course/paper: Morden Language-III

Unit: II   No. of Hours Allotted: 16

Tulasidas - Introduction	1
Life Sketch of the Tulasidas	1
Tulasidas: His works on Hindi Literature	1
Tulasidas ke Dohe	2
Meanings of Hard Words and Explanation	1
Description of Dohe	2
Tulasidas ke Pad – Pushpavatika	2
Meanings of Hard Words and Explanation	1
Description of Dohe and Pad	3
Contribution of Tulasidas	1
Synopsis of the Tulasidas ke Dohe and Pad	1

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 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

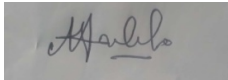## LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-III)

Class: B.A (HHS) II$_{nd}$ Year   **section: No**
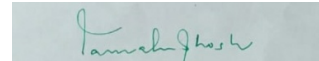
Course/paper: Morden Language-III

Unit: III   **No. of Hours Allotted: 10**

Soordas - Introduction	1
Life Sketch of the Soordas	1
Soordas: His works on Hindi Literature	1
Soordas ke Pad - Short	1
Description of Pad	1
Soordas ke Seven Pad – Bhramargeet	2
Meanings of Hard Words and Explanation	1
Contribution of Soordas	1
Synopsis of the Soordas ke Pad	1

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 Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-III)
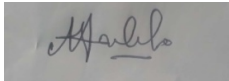
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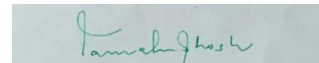
Course/paper: Morden Language-III

Unit: IV   **No. of Hours Allotted: 12**

Biharilal - Introduction	1
Life Sketch of the Biharilal	1
Biharilal: His works on Hindi Literature	2
Biharilal ke Dohe – Short	1
Meanings of Hard Words and Explanation	2
Description of Dohe	2
Reference of the Content	1
Contribution of Biharilal	1
Synopsis of the Biharilal ke Dohe	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2021-22 (semester-III)
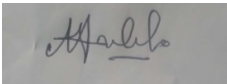
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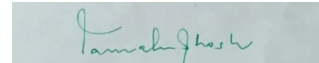**Course/paper: Morden Language-III**

Unit: V   **No. of Hours Allotted: 11**

Ghananand - Introduction	1
Life Sketch of the Ghananand	2
Ghananand: His works on Hindi Literature	1
Ghananand ke Pad - Short	1
Meanings of Hard Words and Explanation	2
Description of Pad	2
Contribution of Ghananand	1
Synopsis of the Ghananand ke Pad	1

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 Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-IV)
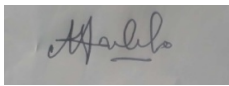
Class: B.A (HHS) II$_{nd}$ Year   **section: No**

Course/paper: Morden Language-IV

Unit: I   **No. of Hours Allotted: 10**

Utsah: Acharya Ramachandra Shuklu - Introduction	1
Life Sketch of the Writer Acharya Ramachandra Shuklu	1
Acharya Ramachandra Shuklu: His works on Hindi Literature	1
Utsah: Defination and Structure	1
Meanings of Hard Words and Explanation	2
Summary of the Lesson	2
Reference of the Content	1
Synopsis of the Utsah	1

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 Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-IV)

Class: B.A (HHS) II_{nd} Year   **section: No**
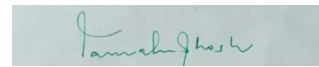
Course/paper: Morden Language-IV

Unit: II   **No. of Hours Allotted: 08**

Shraddha Bakti: Acharya Ramachandra Shuklu - Introduction	1
Life Sketch of the Writer Acharya Ramachandra Shuklu	1
Acharya Ramachandra Shuklu: His works on Hindi Literature	1
Shraddha Bakti: Defination and Structure	1
Meanings of Hard Words and Explanation	1
Summary of the Lesson	1
Reference of the Content	1
Synopsis of the Shraddha Bakti	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-IV)
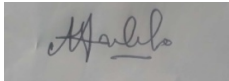
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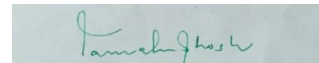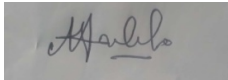
Course/paper: Morden Language-IV

Unit: III   No. of Hours Allotted: 16

Ras: Introduction	2
Ras: Defination and Structure	2
Importance of Ras	2
Shrungaar Ras: Introduction, Defination and Importance	1
Veer Ras: Introduction, Defination and Importance	1
Roudra Ras: Introduction, Defination and Importance	1
Beebhats: Introduction, Defination and Importance	1
Adhbuth Ras: Introduction, Defination and Importance	1
Shanth Ras: Introduction, Defination and Importance	1
Hasya Ras: Introduction, Defination and Importance	1
Bhayanak Ras: Introduction, Defination and Importance	1
Karuna Ras: Introduction, Defination and Importance	1
Synopsis of Ras	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-IV)

Class: B.A (HHS) II_{nd} Year   section: No

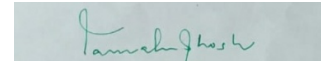Course/paper: Morden Language-IV

Unit: IV   No. of Hours Allotted: 13

Chand: Introduction	2
Chand: Defination and Structure	2
Importance of Chand	2
Doha: Introduction, Defination and Importance	2
Soratha: Introduction, Defination and Importance	1
Choupay: Introduction, Defination and Importance	1
Rola: Introduction, Defination and Importance	1
Gitika: Introduction, Defination and Importance	1
Synopsis of Chand	1

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 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

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LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-IV)
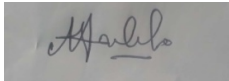
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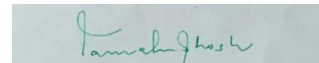**Course/paper:** Morden Language-IV

Unit: V   **No. of Hours Allotted:** 15

Alankar: Introduction	2
Alankar: Defination and Structure	2
Importance of Alankar	2
Anupras: Introduction, Defination and Importance	1
Yamak: Introduction, Defination and Importance	1
Shlesh: Introduction, Defination and Importance	1
Vakrokti: Introduction, Defination and Importance	1
Upama: Introduction, Defination and Importance	1
Athishayokti: Introduction, Defination and Importance	1
Roopak: Introduction, Defination and Importance	1
Viradhabhas: Introduction, Defination and Importance	1
Synopsis of Alankar	1

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 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)
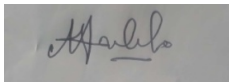
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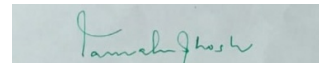
Course/paper: Morden Language - V

Unit: I   **No. of Hours Allotted:** 08

Bharat ki Durdarsha: Bharatendu Harichandra - Introduction	1
Life Sketch of the Writer Bharatendu Harichandra	1
He is works on the Literature	1
Meanings of Hard Words and Explanation	1
Summary of the Lesson	1
Reference of the Content	1
Synopsis of the Bharat ki Durdarsha	1

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 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

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LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)
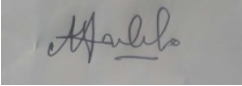
Class: B.A III_rd_ Year   **section:** No

Course/paper: Morden Language - V

Unit: II   **No. of Hours Allotted: 08**

Phool Aur Kanta: Ayodhya Singh Upadyay - Introduction	1
Life Sketch of the Writer Ayodhya Singh Upadyay	1
He is works on the Literature	1
Meanings of Hard Words and Explanation	1
Summary of the Lesson	1
Reference of the Content	1
Synopsis of the Bharat ki Phool Aur Kanta	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   **Name:** Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)

Class: B.A III_{rd} Year   **section:**
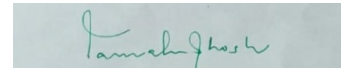
Course/paper: Morden Language - V

Unit: III   **No. of Hours Allotted: 08**

Abhinay Geet: Jayashankar Prasad - Introduction	1
Life Sketch of the Writer Jayashankar Prasad	1
He is works on the Literature	1
Meanings of Hard Words and Explanation	1
Summary of the Lesson	1
Reference of the Content	1
Synopsis of the Bharat ki Abhinay Geet	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

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LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)
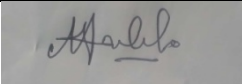
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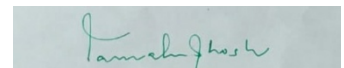
Course/paper: Morden Language - V

Unit: IV   **No. of Hours Allotted: 08**

Bhikshuk: Suryakant Tripathi Nirala - Introduction	1
Life Sketch of the Writer Suryakant Tripathi Nirala	1
He is works on the Literature	1
Meanings of Hard Words and Explanation	1
Summary of the Lesson	2
Reference of the Content	1
Synopsis of the Bharat ki Bhikshuk	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)
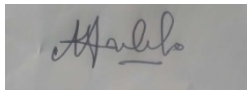
Class: B.A III$_{rd}$ Year   **section:**

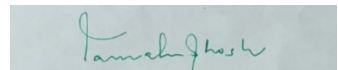**Course/paper:** Morden Language - V

Unit: V   **No. of Hours Allotted: 08**

Moun Nimantran: Sumitranandn Pant - Introduction	1
Life Sketch of the Writer Sumitranandn Pant	1
He is works on the Literature	1
Meanings of Hard Words and Explanation	1
Summary of the Lesson	2
Reference of the Content	1
Synopsis of the Moun Nimantran	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)

Class: B.A III_{rd} Year   **section:**

Course/paper: Morden Language - V

Unit: VI   **No. of Hours Allotted: 08**

Murjhaya Phool: Mahadevi Varma- Introduction	1
Life Sketch of the Writer Mahadevi Varma	1
She's works on the Literature	1
Meanings of Hard Words and Explanation	1
Summary of the Lesson	2
Reference of the Content	1
Synopsis of the Murjhaya Phool	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

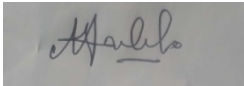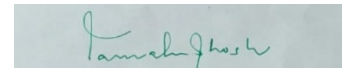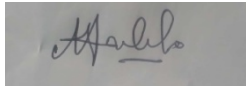## LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)

Class: B.A III$_{rd}$ Year   **section:**

Course/paper: Morden Language - V

Unit: VII   **No. of Hours Allotted: 08**

Alochana- Introduction, Defination and Structure	1
Types of Alochana	1
Importance of Alochana	1
Reference of the Content	1
Synopsis of the Alochana	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)

Class: B.A III_{rd} Year   **section:**
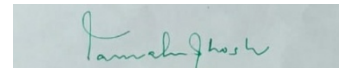
Course/paper: Morden Language - VI

Unit: I   **No. of Hours Allotted: 15**

Hindi Sahitya ka Itihas - Introduction	2
Life Sketch of the Writer's in Adikaal	2
Writer's work on the Literature	2
Adikaal - Introduction	1
Adikal ki Paristitiyan – Samajik, Arthik, Rajanitik, Dharmik and Sanskritik etc.	2
Adikal ki Pravrutiyan – Sikh, Jain, Naath, Raaso ki Parichayam	2
Reference of the Content	2
Synopsis of the Adikal	2

Signature of the Teacher   **Head of the Department**
   Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)

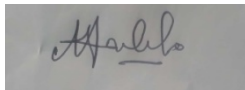**Class:** B.A III_{rd} Year   **section:**
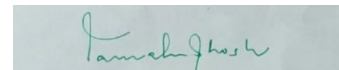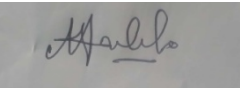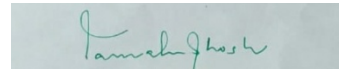
Course/paper: Morden Language - VI

Unit: II   **No. of Hours Allotted: 16**

Bhaktikal - Introduction	2
Life Sketch of the Writer's in Prem marg And Gyan marg	2
Writer's work on the Literature	1
Bhaktikal – Naama karan	1
Bhaktikal ki Paristitiyan – Samajik, Arthik, Rajanitik, Dharmik and Sanskritik etc.	2
Bhaktikal ki Vargikaran aur Pravrutiyan	1
Sant Kaviyon ki Visheshtayen	1
Prem Kaviyon ki Visheshtaye	1
Ram Bhakti Kaviyon ki Visheshtayen	1
Krushna Bhakti Kaviyon ki Visheshtayen	1
Reference of the Content	1
Synopsis of the Bhaktikal	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)

Class: B.A III_{rd} Year   **section:**

Course/paper: Morden Language - VI

Unit: III   **No. of Hours Allotted: 12**

Bhaktikal - Introduction	1
Life Sketch of the Writer's in Ram Bhakti and Krishna Bakti	1
Writer's work on the Literature	1
Bhaktikal – Naama karan	1
Bhaktikal ki Paristitiyan – Samajik, Arthik, Rajanitik, Dharmik and Sanskritik etc.	1
Bhaktikal ki Vargikaran aur Pravrutiyan	1
Ram Bhakti Kaviyon ki Visheshtayen	1
Krushna Bhakti Kaviyon ki Visheshtayen	1
Reference of the Content	1
Synopsis of the Bhaktikal	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)
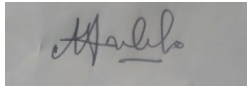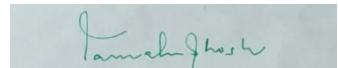
Class: B.A III$_{rd}$ Year   **section:**

Course/paper: Morden Language - VI

Unit: IV   **No. of Hours Allotted: 10**

Prayojan Mulak Hindi - Introduction, Defination and Structure	1
Prayojan Mulak Hindi ki Avadharana Evam Swaroop	1
Alekhan Evam Tippan	1
Importance of Prayojan Mulak Hindi	1
Synopsis of the Prayojan Mulak Hindi	1

Signature of the Teacher   **Head of the Department**

  Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)
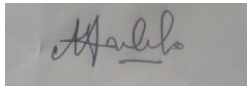
Class: B.A III_{rd} Year   **section:**
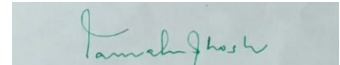
Course/paper: Morden Language - VI

Unit: V   **No. of Hours Allotted: 05**

Karyalayeen Hindi - Introduction, Defination and Structure	1
Karyalayeen ke Naam	1
Padnaam (English to Hindi)	1
Importance Karyalayeen Hindi	1
Synopsis of the Karyalayeen Hindi	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

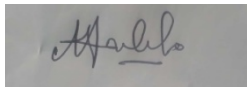## LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-VI)

Class: B.A III$_{rd}$ Year   **section:**

Course/paper: Morden Language - VII

Unit: I   **No. of Hours Allotted: 14**

Pranati: Ramdhari Singh Dinkar - Introduction	1
Life Sketch of the Writer Ramdhari Singh Dinkar	1
He is works on the Literature	1
Meanings of Hard Words and Explanation	1
Summary of the Lesson	2
Reference of the Content	1
Synopsis of the Pranati	1
Himalaya Prati: Ramdhari Singh Dinkar - Introduction	1
Meanings of Hard Words and Explanation	1
Summary of the Lesson	2
Reference of the Content	1
Synopsis of the Himalaya Prati	1

Signature of the Teacher   **Head of the Department**

Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-VI)

Class: B.A III_{rd} Year   section:
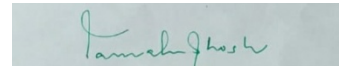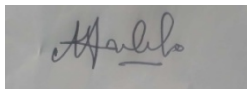
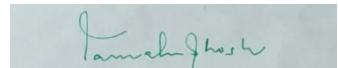Course/paper: Morden Language - VII
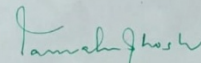
Unit: II   No. of Hours Allotted: 14

Mujhse Chand kaha karta hai: Harivamshray Bachan - Introduction	1
Life Sketch of the Writer Harivamshray Bachan	1
He is works on the Literature	1
Meanings of Hard Words and Explanation	1
Summary of the Lesson	2
Reference of the Content	1
Synopsis of the Mujhse Chand kaha karta hai	1
Need ka Nirman: Harivamshray Bachan - Introduction	1
Meanings of Hard Words and Explanation	1
Summary of the Lesson	2
Reference of the Content	1
Synopsis of the Need ka Nirman	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-VI)
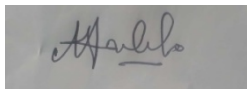
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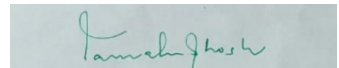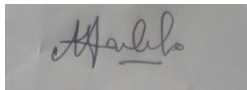
Course/paper: Morden Language - VII

Unit: III   **No. of Hours Allotted: 16**

Mitti ki Mahima: Agyey - Introduction	1
Life Sketch of the Writer Agyey	1
He is works on the Literature	1
Meanings of Hard Words and Explanation	1
Summary of the Lesson	2
Reference of the Content	1
Synopsis of the Mitti ki Mahima	1
Thake huye Kalakar Se: Bharmaveer Bharati - Introduction	1
Life Sketch of the Writer Bharmaveer Bharati	1
She's works on the Literature	1
Meanings of Hard Words and Explanation	1
Summary of the Lesson	2
Reference of the Content	1
Synopsis of the Thake huye Kalakar Se	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   **Name: Dr. Avinash Jaiswal**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)

Class: B.A III$_{rd}$ Year   **section:**
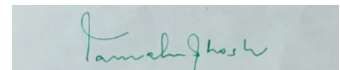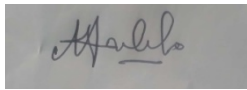
Course/paper: Morden Language - VII
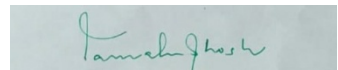
Unit: IV   **No. of Hours Allotted:09**

Alochana- Introduction, Defination	1
Types of Alochana	2
Importance of Alochana	2
Alochana ke Mahatv Evam Uddeshya	2
Alochana ke Avashyak Gun	1
Synopsis of the Alochana	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

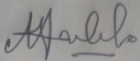## LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-III)

Class: B.A II$_{nd}$ Year   **section: SEC - 1**

Course/paper: Morden Language-III
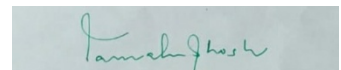
Unit: I   **No. of Hours Allotted:**

	Topics to be Covered	No. Of Hours
I	Jansanchar ke Madhyam	1
	Jansanchar ka arth, Paribhashaen evam Swarup	2
	Jansanchar ka Mahatv	2
	Jansanchar ki Pramukh Visheshtaen	2
	Jansanchar ke Prakar	2
	Drush, Shravya, Mudran	3
	Jansanchar Madhyam evam vividh rup 1. Shravya	1
	2. Drushya- Shravya	1
	3. Print Madhyam	1
	4. Elektranik Madhyam	1
	Janasanchar ke Tatv evam uddeshya	

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-III)
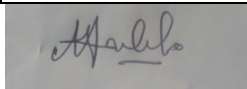
Class: B.A II$_{nd}$ Year   **section:**
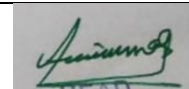
Course/paper: Morden Language-III

Unit: II   **No. of Hours Allotted: 23**

	Topics to be Covered	No. Of Hours
II	Patrakarita	1
	Patrakarita ka Arth, Paribhashen, Swarup evam Prakar	4
	Patrakarita ki Bhasha lekhan, Sanpadan evam Prastuti	2
	Samachar patra ka Mahavt	2
	1 Samajik 2 Rajanitik 3 Sanskrutik	2
	Hindi Patrakarita ke Udbhav evam Vikas	2
	Hindi ki mahatvpurn Patrakaritaen	1
	Hindi Samachar Patrikaon me Bhasha swarup	4
	Hindi Patrakarita ka Swarup aur visheshtaen	2
	Lekh ke tatv, bhumika evam lekhan evam sampadakiy lekhan	2

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-IV)

Class: B.A II_{nd} Year   **section: SEC - 3**

Course/paper: Morden Language-IV

Unit: I   **No. of Hours Allotted: 11**

	Topics to be Covered	No. Of Hours
I	Karyalayeen Hindi	1
	Karyalay gyapan evam Ardhasarkari patr	2
	Bharatiy Bhashaen evam Samvidhan	2
	Rajbhasha ke Rup me Hindi ka vikas	2
	1 Raj bhasha 2 Rashrt bhasha 3 Sampark bhasha	2
	Vishv me Hindi ka Mahatv	2

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-IV)

Class: B.A II_{nd} Year   **section: SEC - 3**
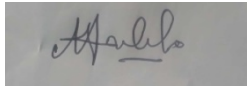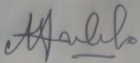
Course/paper: Morden Language-IV

Unit: II   **No. of Hours Allotted: 11**

	Topics to be Covered	No. Of Hours
II	Patrakarita	1
	Prayojanmulak Hindi ka Arth, paribhasha evan Swarup	4
	Prayojanmulak Hindi par prakash	2
	Prayojanmulak Hindi ki Bhumika vishishtata	2
	Prayojanmulak Hindi ki visheshtaen evam Pravruttiyan	2

Signature of the Teacher   **Head of the Department**
 Name: Dr. Dasari Moulali   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-III)

Class: B.A/B.Com II_{nd} Year   **section:**

Course/paper: Second Language-III

Unit: I   **No. of Hours Allotted: 24**

Kabirdas - Introduction	2
Life Sketch of the Kabirdas	2
Kabirdas: His works on Hindi Literature	2
Description of Dohe	2
Meanings of Hard Words and Explanation	2
Synopsis of the Kabir ke Dohe	2
Soordas - Introduction	2
Life Sketch of the Soordas	2
Soordas: His works on Hindi Literature	2
Description of Dohe	2
Meanings of Hard Words and Explanation	2
Synopsis of the Soordas ke Dohe	2

Signature of the Teacher   **Head of the Department**
 Name: Dr. Meena Singh   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

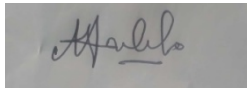## LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-III)

Class: B.A II$_{nd}$ Year   **section:**
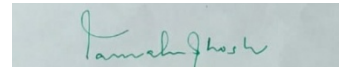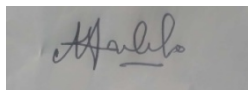
Course/paper: Second Language-III

Unit: II   **No. of Hours Allotted: 12**

Tulasidas - Introduction	2
Life Sketch of the Tulasidas	2
Tulasidas, His works on Hindi Literature	2
Description of Dohe	2
Meanings of Hard Words and Explanation	2
Synopsis of the Tulasidas ke Dohe	2

Signature of the Teacher   **Head of the Department**
 Name: Dr. Meena Singh   Name: Dr. Samar kumar ghosh

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-III)

Class: B.A II_{nd} Year   section:

Course/paper: Second Language-III

Unit: III   No. of Hours Allotted: 15

Rahim - Introduction	1
Life Sketch of the Rahim	1
Tulasida Rahim, His works on Hindi Literature	1
Description of Dohe	1
Meanings of Hard Words and Explanation	1
Synopsis of the Rahim ke Dohe	1
Biharilal - Introduction	1
Life Sketch of the Biharilal	1
Biharilal: His works on Hindi Literature	1
Biharilal ke Dohe – Short	1
Meanings of Hard Words and Explanation	1
Description of Dohe	1
Reference of the Content	1
Contribution of Biharilal	1
Synopsis of the Biharilal ke Dohe	1

Signature of the Teacher   **Head of the Department**

 Name: Dr. Meena Singh   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-III)

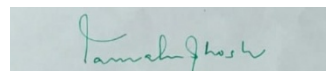**Class:** B.A II_{nd} Year   **section:**
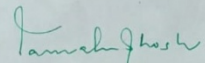
Course/paper: Second Language-III

Unit: IV   **No. of Hours Allotted: 15**

Hindi Sahitya ka Itihas - Introduction	1
Life Sketch of the Writer's in Adikaal	1
Writer's work on the Literature	1
Adikaal - Introduction	1
Adikal ki Paristitiyan – Samajik, Arthik, Rajanitik, Dharmik and Sanskritik etc.	1
Adikal ki Pravrutiyan – Sikh, Jain, Naath, Raaso ki Parichayam	1
Synopsis of the Adikal	1
Bhaktikal - Introduction	1
Life Sketch of the Writer's in Prem marg And Gyan marg	1
Writer's work on the Literature	1
Bhaktikal – Naama karan	1
Bhaktikal ki Paristitiyan – Samajik, Arthik, Rajanitik, Dharmik and Sanskritik etc.	1
Sant Kaviyon ki Visheshtayen and Prem Kaviyon ki Visheshtaye	1
Ram Bhakti Kaviyon ki Visheshtayen and Krushna Bhakti Kaviyon ki Visheshtayen	1
Synopsis of the Bhaktikal	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Meena Singh   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

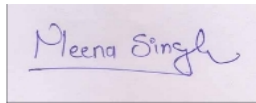## LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-III)

Class: B.A II$_{nd}$ Year   **section:**
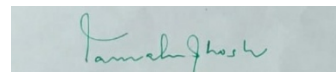
Course/paper: Second Language-III

Unit: V   **No. of Hours Allotted: 15**

Rachanakaron ka Parichay	
Chandu Bardai, Kabir, Tulasi, Soordas, Bharatendu Harichandra, Gupt, Jayashankar Prasad, Pant, Dinkar	
Life Sketch of the Writer's	
Writer's work on the Literature	10
Anuvad - Introduction	
Different Forms Anuvad (Translation)	
Word to Word Translation	
Paragraph Translation and vice varsa	05

Signature of the Teacher   **Head of the Department**
 Name: Dr. Meena Singh   Name: Dr. Samar kumar gho

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-IV)

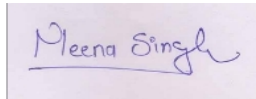Class: B.A/B.Com II_{nd} Year   Section:
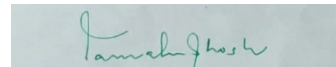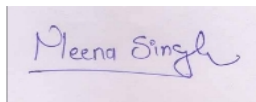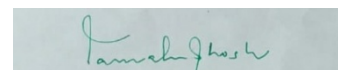
Course/paper: Second Language-IV

Unit: I   No. of Hours Allotted: 10

	Topics to be Covered	No. Of Hours
1	Meerabai – Introduction/Life/Works	1
	Meerabai ke Pad – Explanation of Dohas	1
2	Raheem – Introduction/Life/Works	1
	Raheem ke Dohe – Explanation of Dohas	1
3	Biharilal – Introduction/Life/Works	1
	Biharilal ke Dohe – Explanation of Dohas	1
4	Suryakant Tripathi Nirala – Introduction/Life/Works	1
	Explanation of Padas/Poems/With Meanings of Words	1
5	Mahadevi Varma – Introduction/Life/Works on Literature	1
	Explanation of Poems/Summary of the Poems/With Meanings of Words	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Meena Singh   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-IV)

Class: B.A/B.Com II_{nd} Year   **Section:**

Course/paper: Second Language-IV

Unit: I   **No. of Hours Allotted: 12**

	Topics to be Covered	No. Of Hours
6	Ramdari Singh Dinkar – Introduction/Life/Works on Literature	2
	Explanation of Poems/Summary of the Poems/With Meanings of Words	2
7	Harivamsh Ray Bacchan – Introduction/Life/Works on Literature	2
	Explanation of Poems/Summary of the Poems/With Meanings of Words	2
8	Agyeney – Introduction/Life/Works on Literature	2
	Explanation of Poems/Summary of the Poems/With Meanings of Words	2

Signature of the Teacher   **Head of the Department**
 Name: Dr. Meena Singh   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-IV)
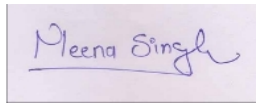
Class: B.A/B.Com II_{nd} Year   **section:**

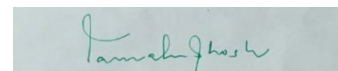**Course/paper: Second Language-IV**
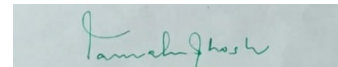
Unit: II   **No. of Hours Allotted: 25**

1	**Hindi Sahitya ka Itihas - Introduction**	**10**
	Ritikaal - Introduction	
	Life Sketch of the Writer's in Ritikal	
	Writer's work on the Literature	
	Ritikal ki Paristitiyan – Samajik, Arthik, Rajanitik, Dharmik and Sanskritik etc.	
2	**Adunikal - Introduction**	**15**
	Bharatendu Yug, Vdivedi Yug, Chayadavi Yug, Pragativad Yug, Prayogvadi Yug and Nayi Kavita Vice Varsa	
	Life Sketch of the Writer's Adunikal	
	Writer's work on the Literature	
	Adunikal – Naama karan	
	Adhunikal ki Paristitiyan – Samajik, Arthik, Rajanitik, Dharmik and Sanskritik etc.	
	Adhunik Kal: Development of Novel, Stries, Fictures, Dramas and Vice Varsa	

Signature of the Teacher   **Head of the Department**

 Name: Dr. Meena Singh   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

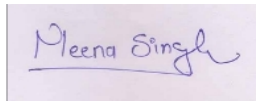## LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-IV)

Class: B.A/B.Com II_{nd} Year   **Section:**

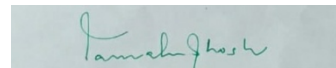**Course/paper: Second Language-IV**
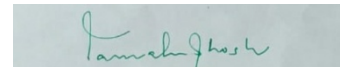
Unit: III   **No. of Hours Allotted: 11**

	Topics to be Covered	No. Of Hours
6	Meerabai – Introduction/Life/Works on Literature	1
	Explanation of Poems/Summary of the Poems/With Meanings of Words	2
7	Biharilal – Introduction/Life/Works on Literature	1
	Explanation of Poems/Summary of the Poems/With Meanings of Words	1
8	Rahim – Introduction/Life/Works on Literature	1
	Explanation of Poems/Summary of the Poems/With Meanings of Words	1
9	Mahaveer Prasad Vdivedi – Introduction/Life/Works on Literature	1
	Explanation of Poems/Summary of the Poems/With Meanings of Words	1
10	Nirala – Introduction/Life/Works on Literature	1
	Explanation of Poems/Summary of the Poems/With Meanings of Words	1

Signature of the Teacher   **Head of the Department**

 Name: Dr. Meena Singh   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-IV)
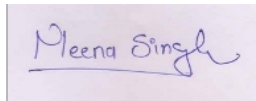
Class: B.A/B.Com II_{nd} Year   **Section:**
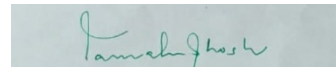
Course/paper: Second Language-IV
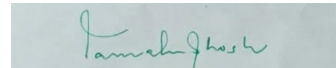
Unit: III   **No. of Hours Allotted: 08**

	Topics to be Covered	No. Of Hours
6	**Mahadevi Varma – Introduction/Life/Works on Literature**	1
	Explanation of Poems/Summary of the Poems/With Meanings of Words	1
7	**Harivamsh Ray Bacchan – Introduction/Life/Works on Literature**	1
	Explanation of Poems/Summary of the Poems/With Meanings of Words	1
8	**Agney – Introduction/Life/Works on Literature**	1
	Explanation of Poems/Summary of the Poems/With Meanings of Words	1
9	**Premchand – Introduction/Life/Works on Literature**	1
	Explanation of Poems/Summary of the Poems/With Meanings of Words	1

Signature of the Teacher   **Head of the Department**
 Name: Dr. Meena Singh   **Name: Dr. Samar kumar ghosh**

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NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-IV)
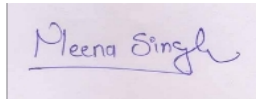
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Class: B.A/B.Com II_{nd} Year   **Section:**
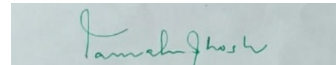
Course/paper: Second Language-IV
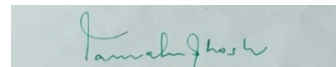
Unit: IV   **No. of Hours Allotted: 7**

Topics to be Covered	No. Of Hours
Essay: Introduction/Meaning	**4**
Different Form of Essay	**3**

Signature of the Teacher   **Head of the Department**

 Name: Dr. Meena Singh   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

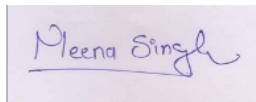## LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-I)

Class: BBA/BSC, I$_{st}$ Year   **section:** No

Course/paper: Second Language-I (Prose, Grammar)

Unit: I   **No. of Hours Allotted: 60**

	Topics to be covered	No of Hours
1	Charitra Sangatan - Introduction	1
	„ „ Life Sketch of the Writer -writer Introduction meaning of words	
	„ „ Prakar/Meaning summary of the lesson	2
	„ „ Udartha lalch	2
	„ „ According to the Dharti ka swarg	
2	Bazar Darshan - Introduction	
	„ „ -writer Introduction meaning of words	1
	„ „ summary of the lesson	2
	„ „ Moral characterization and	2
3	Bhabai - Introduction	1
	„ „ Life Sketch of the Writer -	
	summary of the lesson	2
	„ „ meaning of words	2
	conclusion	

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 Name: Dr. Samar kumar ghosh   Name: Dr. Samar kumar ghosh

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-I)

Class: BBA/BSC, I_{st} Year   **section:** No

Course/paper: Second Language-I (Prose, Grammar)

Unit: II   **No. of Hours Allotted: 60**

	Topics to be covered		No of Hours
1	**Bharat mein Saanskritik Sangatan**	- Introduction	
	,, ,,	-writer Introduction meaning of words	1
	,, ,,	summary of the lesson	2
	,, ,,	Moral characterization and	2
	,, ,,	conclusion	
2	**Raashtra Swaroop**	- Introduction	1
	,, ,,	-writer Introduction meaning of words	
	,, ,,	summary of the lesson	2
	,, ,,	conclusion	2

Signature of the Teacher   **Head of the Department**

 Name: Dr. Samar kumar ghosh   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-I)

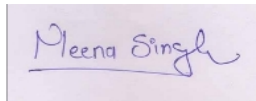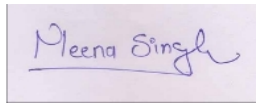**Class:** BBA/BSC, I$_{st}$ Year   **section:** No

Course/paper: Second Language-I (Non-detailed, Grammar)

Unit: I   **No. of Hours Allotted: 60**

	Topics to be covered	No of Hours
1	Sadgiri - Introduction	1
	,, ,, Life Sketch of the Writer -	
	summary of the lesson	2
	,, ,, meaning of words	2
	conclusion	
2	Chota Jaadugar - Introduction	
	,, ,, -writer Introduction meaning of words	1
	,, ,, summary of the lesson	2
	,, ,, Moral characterization and	2
	,, ,, conclusion	
3	Sach ka Sauda - Introduction	1
	,, ,, -writer Introduction meaning of words	
	,, ,, summary of the lesson	2
	,, ,, conclusion	2

Signature of the Teacher   **Head of the Department**

 Name: Dr. Samar kumar ghosh   Name: Dr. Samar kumar ghosh

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NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-I)

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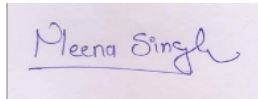
Class: BBA/BSC, I$_{st}$ Year   section: No

Course/paper: Second Language-I (Non-detailed, Grammar)

Unit: I   No. of Hours Allotted: 60

	Topics to be covered	No of Hours
1	Prayaschit - Introduction	1
	„ „ Life Sketch of the Writer -	
	summary of the lesson	2
	„ „ meaning of words	2
	conclusion	
2	Parda - Introduction	
	„ „ -writer Introduction meaning of words	1
	„ „ summary of the lesson	2
	„ „ Moral characterization and	2
	„ „ conclusion	
3	Chif ki Dawat - Introduction	1
	„ „ -writer Introduction meaning of words	
	„ „ summary of the lesson	2
	„ „ conclusion	2

Signature of the Teacher   Head of the Department

 Name: Dr. Samar kumar ghosh   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-I)

Class: BBA/BSC, I_{st} Year   section: No
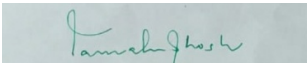
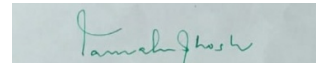**Course/paper: Second Language-I (Grammar)**

Unit: I   No. of Hours Allotted: 60

	Topics to be covered	No of Hours
1	**Correction of the Sentence - Introduction**	1
	Examples of Sentence in Different from Practical Work	1
	meaning of words	1
	conclusion	1
2	**Letter Writing - Introduction**	1
	Different from of Letters	1
	Letters of Complaint	1
	Letters of Application, Official Letter, Personal, Family and vice Varsa	1

Signature of the Teacher   Head of the Department
 Name: Dr. Samar kumar ghosh   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-I)
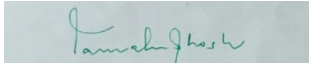
Class: BBA/BSC, Ist Year   **section: No**

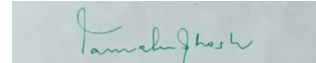**Course/paper: Second Language-I (Grammar)**

Unit: I   **No. of Hours Allotted: 60**
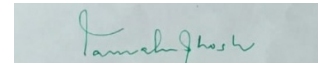
	Topics to be covered	No of Hours
1	Ling (Gender) - Introduction	1
	Types of Ling	1
	Examples of Ling	1
	Practical Work	1
2	Vachan (Number) - Introduction	1
	Types of Vachan	1
	Examples of Vachan	1
	Practical Work	1
3	Kaal (Tense) - Introduction	1
	Types of Kaal	1
	Examples of Kaal	1
	Practical Work	1

A

Signature of the Teacher   **Head of the Department**

 Name: Dr. Samar kumar ghosh   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

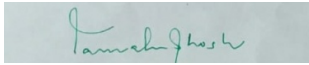## LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-I)

Class: BBA/BSC, I$_{st}$ Year   **section:** No

Course/paper: Second Language-II (Prose, Non-detailed, Grammar)
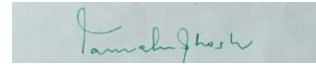
Unit: I   **No. of Hours Allotted: 60**

	Topics to be covered		No of Hours
1	**Dharti ka swarg**	- Introduction	1
	,, ,,	-writer Introduction meaning of words	
	,, ,,	summary of the lesson	2
	,, ,,	beauty of the Kashmir	2
	,, ,,	According to the Dharti ka swarg	
2	**Taayi**	- Introduction	
	,, ,,	-writer Introduction meaning of words	1
	,, ,,	summary of the lesson	2
	,, ,,	Moral characterization and	2
	,, ,,	conclusion	
3	**Ande ke chilke**	- Introduction	1
	,, ,,	-writer Introduction meaning of words	
	,, ,,	summary of the lesson	2
	,, ,,	-charitra ka chitran	2

Signature of the Teacher   **Head of the Department**

 Name: Dr. Samar kumar ghosh   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

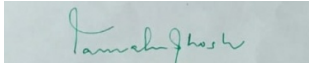## LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-II)

Class: BBA/BSC, I$_{st}$ Year   **section:** B

Course/paper: Second Language-II (Prose, Non-detailed, Grammar)
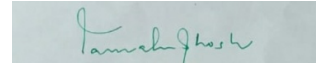
Unit: II   **No. of Hours Allotted: 60**

		Topics to be covered	No of Hours
4	**Rajaneethi ka Bantwara**	- **Introduction**	1
	,, ,,	**Introduction of writer**	
	,, ,,	**summary of the lesson**	2
	,, ,,	**charitra ka chitran, Language**	1
	,, ,,	**udhyeshya**	1
5	**Swamy vivekanada**	- **Introduction**	
	,, ,,	**Introduction of the writer**	1
	,, ,,	**summary of the lesson**	2
	,, ,,	**character of the swami vivekananda**	1
	,, ,,	**language of the lesson**	1
3	**Paryavaran our Hum**	**-Introduction of the lesson**	1
	,, ,,	**- summary of the lesson**	2
	,, ,,	**-pollution, different types of pollution**	2
	,, ,,	**like, Air, sound, water, wise**	

Signature of the Teacher   **Head of the Department**

 Name: Dr. Samar kumar ghosh   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-II)

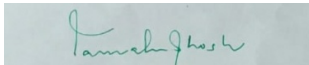**Class: BBA/BSC, I_{st} Year   section: B**
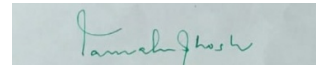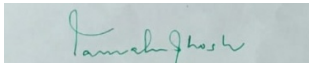
Course/paper: Second Language-II (Prose, Non-detailed, Grammar)

Unit: III   No. of Hours Allotted: 60
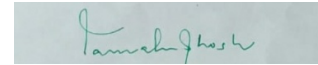
	Topics to be covered		No of Hours
7	Deputy collectory	- Introduction	1
	,, ,,	summary of the lesson	2
	,, ,,	patra and charitra ka chitran	1
	,, ,, Explain of different types of words and meaning		1
8	Hansoon ya Roun	Introduction/ writer	1
	,, ,,	summary of the lesson	2
	,, ,,	patra/charita chitran	1
	,, ,,	-Ref to context explaining and	1
	,, ,,	meaning of the words	
9	Vapasi	- Introduction/ Introduction of the writer	1
	,, ,,	summary of the lesson	2
	,, ,,	patra,and charitra ka chitran	1
	,, ,,	Explain meaning of words	1

Signature of the Teacher   Head of the Department
Name: Dr. Samar kumar ghosh   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-II)

Class: BBA/BSC, I$_{st}$ Year   **section: B**

Course/paper: Second Language-II (Prose, Non-detailed, Grammar)

Unit: IV   **No. of Hours Allotted: 60**
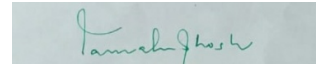
		Topics to be covered	No of Hours
10	Seva	- Introduction	
	,, ,,	Introduction of the writer	1
	,, ,,	summary of the lesson	2
	,, ,,	patra,and charitra ka chitran	1
	,, ,,	Explain meaning of words	1
11	Siliya	Introduction of the writer	1
	,, ,,	summary of the lesson	2
	,, ,,	patra,and charitra ka chitran	1
	,, ,,	Explain meaning of words	1

Signature of the Teacher   **Head of the Department**

 Name: Dr. Samar kumar ghosh   **Name: Dr. Samar kumar ghosh**

NIZAM COLLEGE: DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-II)

Class: BBA/BSC, I_{st} Year   section: B
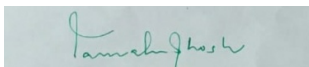
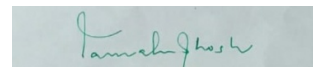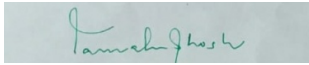Course/paper: Second Language-II (Prose, Non-detailed, Grammar)

Unit: V   No. of Hours Allotted: 60

		Topics to be covered	No of Hours
12	Grammar	- oppsite words, Introduction	1
	,, ,,	different types of opposite words	
	,, ,,	practice work	1
13	,, ,,	correction of sentences	
	,, ,,	definition of correction	1
		Sandhi viched and explain	
		Common from, Gender and volume	1
14		Adm Hindi introduction	
		Different structure of adm Hindi	1
		Definition of port then lecturer of the vice.	

Signature of the Teacher   Head of the Department
 Name: Dr. Samar kumar ghosh   Name: Dr. Samar kumar ghosh

NIZAM COLLEGE DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)

Class: B.SC/B.B.A III _{rd} Year   Section: B

Course/paper: Second Language-V
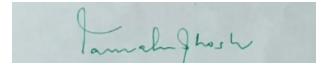
Unit: I   No. of Hours Allotted: 11

	Topics to be Covered	No. of Hours
I	Hindi Bhasha ke vibhinn Rup	1
	Raj bhasha	2
	Rashtr bhasha	2
	Sampark bhasha	2
	Prayojan Mulak Hindi	2
	Vishv me Hindi ka mahatv	2

Signature of the Teacher   **Head of the Department**
 Name: Dr. M. Sampath   Name: Dr. Samar kumar Ghosh

NIZAM COLLEGE DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)
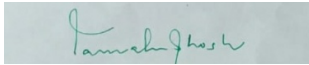
Class: B.SC/B.B.A III$_{rd}$ Year   Section: B

Course/paper: Second Language-V
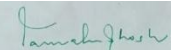
Unit: II   No. of Hours Allotted: 23

	Topics to be Covered	No. Of Hours
II	Hindi Sahitya ki vividh vidhaon ka parichay	1
	Kavita	2
	Kahani	2
	Upanyas	2
	Natak	2
	Ekanki	2
	Nibandh	2
	Atmakatha	2
	Sansmaran	2
	Rekha-Chitra	2
	Vyangy	4
	Anya Vidhaen	

Signature of the Teacher   **Head of the Department**
 Name: Dr. M. Sampath   Name: Dr. Samar kumar Ghosh

NIZAM COLLEGE DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-V)

Class: B.SC/B.B.A III_{rd} Year   **Section: B**
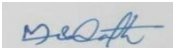
Course/paper: Second Language-V
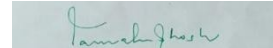
Unit: III   **No. of Hours Allotted: 16**

III	Jansanchar ke Madhyam	1
	Jansanchar ka arth, Paribhashaen evam Swarup	2
	Jansanchar ka Mahatv	2
	Jansanchar ki Pramukh Visheshtaen	2
	Jansanchar ke Prakar	2
	Drush, Shravya, Mudran	3
	Nava Electronic Jansanchar ke Madhyam	2
	Jansanchar ke Madhamon me Lok kalaen	2

Signature of the Teacher   **Head of the Department**
 Name: Dr. M. Sampath   **Name: Dr. Samar kumar Ghosh**

NIZAM COLLEGE DEPARTMENT OF HINDI
LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-VI)

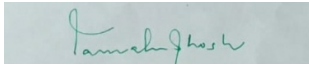**Class: B.SC/B.B.A III$_{rd}$ Year**   **Section: B**

Course/paper: Second Language-VI
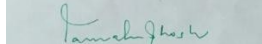
Unit: I   **No. of Hours Allotted: 10**

	Topics to be Covered	No. Of Hours
I	Anuvad Shabd ki Vyutpati, Arth, Paribhashaen evam Swarup	4
	Anuvad ka Mahatv	2
	Anuvad ke Prakar	2
	Anuvad ke Gun	2

Signature of the Teacher   **Head of the Department**
Name: Dr. M. Sampath   **Name: Dr. Samar kumar Ghosh**

NIZAM COLLEGE DEPARTMENT OF HINDI

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-VI)

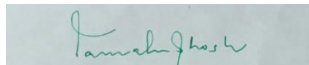**Class: B.SC/B.B.A III$_{rd}$ Year**   **Section: B**
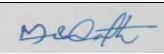
Course/paper: Second Language-VI
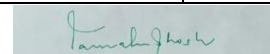
Unit: II   **No. of Hours Allotted: 13**

	Topics to be Covered	No. Of Hours
I	Patrakarita	1
	Patrakarita ka Arth, Paribhashen, Swarup tatha uddesh	4
	Patrakarita ka Itihas	2
	Patrakarita ka Mahatv	2
	Patrakarita ka Prakar	2
	Patrakarita ke Gun	2

Signature of the Teacher   **Head of the Department**
Name: Dr. M. Sampath   **Name: Dr. Samar kumar Ghosh**

NIZAM COLLEGE DEPARTMENT OF HINDI
LESSON PLAN FOR THE ACADEMIC YEAR 2022-23 (semester-VI)

Class: B.SC/B.B.A III_{rd} Year   Section: B

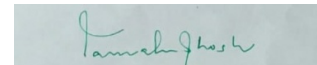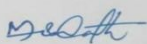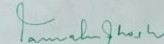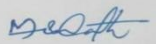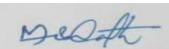Course/paper: Second Language-VI
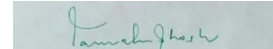
Unit: III   No. of Hours Allotted: 9

	Topics to be Covered	No. Of Hours
III	Hindi Sahitya ke vividh Ayam	1
	Hindi me Shtreevadi Sahitya	2
	Hindi me Dalit Sahitya	2
	Hindi me Adivasi Sahitya	2
	Hindi me Alpasankhyak Sahitya	2

Signature of the Teacher   **Head of the Department**
Name: Dr. M. Sampath   **Name: Dr. Samar kumar Ghosh**

Class: BSc (Iyr)   **Section**: Electronics

Course/ Paper: BSc (MECs)   Electronics-I (Circuit Analysis)

Unit: I, II, III and IV   **No. of Hours Allotted**: 60

Topics to be covered	No. of Hours
UNIT-I: Resistors: Concept of resistance, Voltage-current relation in resistor, Ohm's law and its limitations, types of resistors and their properties and uses, colour code. **Inductors:** Concepts of inductance, inductive reactance and susceptance, Voltage-Current relationship, types of inductors,. **Capacitors:** Concept of capacitance, capacitive reactance and susceptance, Voltage-Current relationship, types of capacitors and their uses, colour code.	5
AC Fundamentals: :Alternating voltage, sinusoidal function, average value, effective or rms value, operator j, phasor notation, polar and rectangular form, phasor algebra.	5
Kirchoff's voltage and current laws: Applications to simple networks consisting of resistors and AC & DC sources. Solution of single source and two source networks by different methods – determinants, substitution method, loop current method, node voltage method.	5
Unit-II: Network theorems (for both A.C and D.C): Superposition Theorem, Thevenin's Theorem, Norton's Theorem, Maximum Power Transfer Theorem, Reciprocity Theorem and Millman's Theorem, application to simple networks containing linear circuit elements.	10
AC Bridges: AC Wheatstone bridge, Maxwell's inductance bridge, Maxwell's LC bridge, Anderson's bridge, DE Sauty's bridge, Schering bridge, Wein series bridge, Wein parallel bridge.	5
Unit-III: RL and RC circuits: Transient response of RL, RC circuits with step, time constants, frequency response of RL and RC circuits.	8
Their use as filters, passive differentiating and integrated circuits.	7
Unit-IV: Resonance: Series and parallel in RLC circuits, Q-factor, Bandwidth, selectivity and their importance.	7
Cathode Ray Oscilloscope: Cathode Ray Tube (CRT) block diagram and its working principle, electron gun focusing, deflection sensitivity, florescent screen. Measurement of Time period, Frequency, Phase and Amplitude.	8

Name of the Teacher : Dr. Y. Markandeya

Head
Department of Physics

Dr. Shashidhar Bale

PRINCIPAL

NIZAM COLLEGE: DEPARTMENT OF ELECTRONICS
LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023
Class: BSc (Iyr) (Semester II)

Course/ Paper: Electronics-II (Electronics Devices) **Section:** Electronics

Unit: I, II, III & IV **No. of Hours Allotted:** 60

Topics to be covered	No. of Hours
Unit-I: PN Junction: Depletion region and junction capacitance. Diode equation (derivation not necessary) and its interpretation. Effect of temperature on reverse saturation current	7
V-I characteristics and simple applications of i) Junction diode ii) Zener diode iii) Varactor diode iv) Tunnel diode. v) Metal-semi-conductor diode. Vi) Schottky diode	8
Unit-II: Bipolar Junction Transistor (BJT): PNP and NPN transistors, current components in BJT (I_E, I_B, I_C, I_{CO}); α and β of a transistor. **BJT static characteristics:** Input and Output characteristics; CB, CE & CC configurations (explanation of cut off, active and saturation regions) and experimental arrangement to draw I/P & O/P characteristics in CE configuration, Early effect.	8
CE configuration as a two-port network: h- parameters and h- parameter equivalent circuit. Determination of h-parameters from the characteristics. Load line analysis, Transistor biasing-fixed and self-bias.	7
Unit -III: Field Effect Transistor (FET): Construction and working of JFET and MOSFET- output and transfer characteristics-Determination of FET parameters. Application of FET as voltage variable resistor and MOSFET as a switch- Advantages of FET over BJT	8
Uni-Junction Transistor (UJT): Structure and schematic representation of UJT. Characteristics and experimental determination of its parameters, Application of UJT as a relaxation oscillator.	7
Unit-IV: Silicon Controlled Rectifier (SCR): Construction and working of SCR. Two-transistor representation, characteristics of SCR. Experimental set up to study SCR characteristics. Application of SCR for Power control.	8
Photo Electric Devices: Construction and characteristics of Light dependent resistor (LDR), Photo voltaic cells- construction and operation. Photo diodes, Photo transistors and LED. Solar cells and their characteristics.	7

Name of the Teacher: Head, Department of Electronics

Dr. Y. Markandeya

Dr. Shashidhar Bale

Signature: Signature:

Signature: **PRINCIPAL**

NIZAM COLLEGE: DEPARTMENT OF ELECTRONICS

LESSON PLAN FOR THE ACADEMIC YEAR 2023-2024 (Semester III)

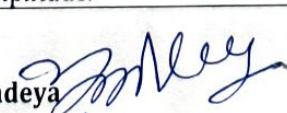**Class:** BSc(IIyr)　　　　　　　　　　**Section:** Electronics

Course/ Paper: Electronics-III (Power Supplies and Analog Circuits)

Unit: I, II, III & IV　　　　　　　　**No. of Hours Allotted:** 60

Topics to be covered	No. of Hours
Unit-I: Rectifiers& Filters: Half wave, full wave and bridge rectifiers- Efficiency- Ripple factor- Regulation – Harmonic components in rectified output Types of filters- Choke input (inductor) filter- Shunt capacitor filter- L-section and π-section filters.	15
Unit-II: Regulated Power Supplies: Block diagram of regulated power supply - Series and shunt regulated power supplies – Three terminal regulators (78XX and 79XX) Principle and working of switch mode power supply (SMPS).	15
Unit III: Amplifier: Hybrid -π model of transistor, RC Coupled Amplifier- Analysis and frequency response of single stage RC coupled CE amplifier, emitter follower, Darlington pair.	8
Feedback: Positive and negative feedback, feedback topologies - Effect of negative feedback on gain, band width, noise, input and output impedances of voltage series feedback amplifier.	7
Unit-IV: Oscillators: Sinusoidal Oscillators Condition for sustained oscillations, Phase shift, Colpitts, Hartley oscillators, crystal oscillator.	8
Relaxation oscillators: Collector coupled, Astable, mono-stable and bi-stable multivibrators, Schmidt trigger.	7

Name of the Teachers:

P. Murali Mohan

Signature:

Head, Department of

Signature:

PRINCIPAL

NIZAM COLLEGE: DEPARTMENT OF ELECTRONICS

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester IV)

Class: BSc(IIyr)   **Section:** Electronics

Course/ Paper: Electronics-IV (Operational Amplifiers and Communications)

Unit: I, II, III & IV   **No. of Hours Allotted:** 60

Topics to be covered	No. of Hours
Operational Amplifiers: Differential amplifier- Block diagram of Op-Amp- Ideal characteristics of Op-Amp- Op-Amp parameters- Input resistance- Output resistance- Common mode rejection ratio (CMMR)- Slew rate- Offset voltages – Input bias current- Basic Op-Amp circuits- Inverting Op-Amp- Virtual ground- Non-inverting Op-Amp- Frequency response of Op-Amp.Interpretation of Op- Amp data sheets.	10
Applications of Op-Amps: Summing amplifier- subtractor- Voltage follower- Integrator- Differentiator - Comparator- Logarithmic amplifier- Sine wave [Wien's Bridge] and square wave [Astable] generators- Triangular wave generator- Monostable multivibrator.	12
Analog Computation: Solving simple second order differential equation **Timer IC555:** Basic Op-Amp series regulator and shunt regulator - IC 555 Timer [Block diagram and its working] – IC 555 as monostable and astable-multivibrators	12
AM & Demodulation: Introduction to Electro-magnetic spectrum. Need for modulation- Types of modulation- Amplitude, Frequency and Phase modulation. Amplitude modulation-side bands- modulation index- square law diode modulator- Demodulation- diode detector.	12
FM& Demodulation: Frequency modulation working of simple frequency modulator- Ratio detection of FM waves- Advantages of frequency modulation. AM and FM radio receivers [block diagram approach].Super Heterodyne Receiver.	8
Digital Modulation: Qualitative analysis of PAM, PWM, PPM, PCM, and Delta modulations.	6

Name of the Teachers: Head, Department of

P. Murali Mohan

                                                        Signature:

Signature:

PRINCIPAL

NIZAM COLLEGE: DEPARTMENT OF ELECTRONICS
LESSON PLAN FOR THE ACADEMIC YEAR 2023-2024
(Semester-V)

Class: BSc-III year   **Section:** Electronics

Course / Paper: BSc (MPE & MECs) DSC Elective-1 (Paper -V-Digital Electronics)

Unit: I, II, III & IV   **No. of Hours Allotted:** 60

Topics to be covered	No. of Hours
UNIT-I **Number system and Logic gates:** Conversions of Binary, octal, Decimal & hexadecimal number systems, Binary addition and subtraction (1's and 2's complement methods).	5
Logic gates- OR, AND, NOT, XOR, NAND, NOR gates and their Truth tables – Design of basic gates using the Universal gates- NAND and NOR gates, Half adder, Half substractor, Full adder and parallel adder logic circuits. Logic families and their characteristics – TTL, CMOS and ECL logic circuits.	10
UNIT-II **Boolean algebra and Combinational logic circuits:** Boolean algebra- Laws and identities, DeMorgan's Theorems. Simplification of Boolean expressions using Boolean identities, Reduction of Boolean expressions using Karnaugh Maps-Sum of Products (SOP) and Product of Sum (POS) representation(up to four variables).	10
Multiplexer, De-Multiplexer, Decoder (3 to 8) and Encoder(8 to 3).	7
UNIT-III **Sequential logic circuits:** Flip-flops - SR, D, JK, T and Master-Slave JK, Registers - Shift Registers-SISO,SIPO, PISO and PIPO Registers, Universal shift register(IC 7496)	10
Shift register counters- Ring counter , Johnson Counter. 4-bit Asynchronous (Ripple) counter, Modulo-N counter, synchronous counter. Up/down counters –ripple counter IC7493 - Decade counter IC7490 – working, truth tables and timing diagrams.	8
UNIT-IV **Introduction to 8085 Microprocessor & its architecture:** Introduction to Microcomputer, Intel 8085 Microprocessor – Architecture of 8085 microprocessor – CPU – Timing & Control Unit – Instruction cycle, Fetch Cycle, Execute cycle (Timing diagram), Machine cycle and clock states. Interrupts – Hardware and Software, Address space partitioning – Memory mapped I/O & I/O mapped I/O .	9
Instruction set of 8085 microprocessor: Classification - Data transfer operations, Arithmetic operations, logical operations, Branch control operations and stack, I/O and Machine control operations. Stack and Subroutines, Addressing modes	5 6

Name of the Teachers:

Dr. Y. Markandeya

Dr. Shashidhar Bale

PRINCIPAL

Head
 Dept. of Electronics

Signature

NIZAM COLLEGE: DEPARTMENT OF ELECTRONICS

LESSON PLAN FOR THE ACADEMIC YEAR 2023-2024 (Semester III)

Class: BSc(IIyr)
Section: Electronics

Course/ Paper: SEC- (BASIC INSTRUMENTATION)
Unit: I, II, III & IV (SEC)
No. of Hours Allotted: 30

Topics to be covered	No. of Hours
UNIT : I **Basics of Measurement:** Instrument accuracy, precession, sensitivity, resolution range etc. Errors in measurements and loading effects. **Multimeter:** Principles of measurement dc voltage and dc current, ac voltage and ac current, resistance. Specifications of a multimeter and their significances. **Electronic Voltmeter:** Advantage over conventional multimeter for voltage measurement with respect to input impedance and sensitivity. Principles of voltage measurement (block diagram only). Specifications of an electronic voltmeter/multimeter and their significance.	8
AC Milli-voltmeter: Types of AC milli-voltmeter. Block diagram of AC milli-voltmeter, specifications and their significance. **Cathode Ray Oscilloscope:** Block diagram of basic CRO. Construction of CRT, Electron gun, electrostatic focusing and acceleration (Explanation only – Mathematical treatment), brief discussion on screen phosphor, visual persistence and chemical composition, time base operation and synchronization. Front panel controls. Specifications of a CRO and their significance.	7
UNIT : II **Signal Generators and Analysis Instruments:** Block diagram, explanation and specifications of low frequency signal generators. Pulse generator and function generator. Brief idea of testing specifications. Distortion factor meter, wave analysis. **Impedance and Q-meters:** Block diagram of bridge. Working principles of basic (balancing type) RLC bridge. Specifications of RLC bridge. Block diagram and working principles of a Q-Meter. Digital LCR bridge.	8
Digital Instruments: Principle and working of digital meters. Comparison of analog and digital instruments. Characteristics of a digital meter. Working principle of digital voltmeter. **Digital Multi Meter:** Block diagram and working of digital multimeter. Working principle of time interval. Frequency and period measurement using universal counter, frequency counter, time-base stability, accuracy and resolution.	7

Name of the Teachers:

P. Murali Mohan

Signature:

Head Department Physics

Signature:

PRINCIPAL

NIZAM COLLEGE: DEPARTMENT OF ELECTRONICS

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester III)

Class: BSc(IIyr) **Section**: Electronics

Course/ Paper: SEC- (BASIC INSTRUMENTATION)
Unit: I, II, III & IV **No. of Hours Allotted: 30**

Topics to be covered	No. of Hours
Unit-I **Electronics Hardware :** Active and passive components, transducers, classification of transducers based on electrical principle involved. Power supplies:- DC regulated power supplies (Block diagram approach), SMPS, UPS.	8
Integrated Circuit (IC's) -advantages and Limitations of IC's, scale of integration, classification of IC's by structure. Hardware Identification: Cables and Connectors, motherboard, mother board components, CPU (Processor), memory, RAM and ROM.	7
Unit-II **Network:** Introduction to network, topologies and transmission media. Introduction to LAN, MAN and WAN (Architecture only). Ethernet, token ring.	8
Protocol: Need for protocol architecture, OSI reference model, TCP/IP model. Internet protocol: IP addresses and classification, architecture of IPV4 and IPV6. Network Devices: Switches, Bridges, Hubs, Router, wifi, Blue tooth (Architecture).	7

Name of the Teachers:

P. Murali Mohan

Signature:

Head Department Physics

Signature:

PRINCIPAL

NIZAM COLLEGE:

DEPARTMENT OF COMPUTER SCINCE

LESSON PLAN FOR THE ACADEMIC YEAR (2022-23

Class: B.Sc I year / Sem-I   **Section: M.E.Cs/M.S.C/M.CH.Cs**

Course/ Paper: Paper-I('C' Language)

Unit-I: Introduction   **No. of Hours Allotted: 15 hrs**

Topics to be covered	No. of Hours
historical development:history of 'c', how 'c' developed, what is c, where c stands-**C,**	2
preprocessor- features of C-preprocessor. Different preprocessors, use of preprocessor in 'c' programming	2
C programming language concepts: character set of 3 types,the purpose oof characters 'c' language, what is variable,types of variables using in C language, rules of variable declaration	2
What is constant, types of constants, keywords, identifiers and tokens	2
Datatypes:3 types of data types, primary, derived& user defined ,the sub types of data types ,defining data types, rules of data types.	2
Operators:8 types of operators, operators declaration, defining, in 'c' programming relater programs	2
control statements :Decision making statements; if, if-else, nester if else, if else ladder, syntax & flowchart of control statements relater programs	2
Branching statements : switch statement syntax, flowchart and rule of switch ,go to statement :forward & backward statements syntax & flow chart relater programs	2
Loops -while, for, do-while syntax, flowchart ,relater programs	2

Unit-II: Functions and Arrays   No. of Hours Allotted: 15 hrs

Topics to be covered	No. of Hours
Function :What is a function, 3 types of function elements,how do define and declare function in program, uses of functions, function prototypes	2
What are user define and predefine functions, local & global variable declaration,	2
What is calling & called function ,how do pass parameters in function	2
What is a function, uses of functions, : how do declare both functions, uses of both types, types of functions, related programs	2
Arrays – Introduction, what is array, declaration and processing of array in memory	2
types of arrays: one dimensional, two-dm & multi dm arrays, one dim array declaration, transpose of matrix program	2
Two dim array declaration ,addition, multiplication of two matrix program using 2dm array	2

Unit-III: Strings and Pointers   No. of Hours Allotted: 15 hrs

Topics to be covered	No. of Hours
Strings and Pointers: what is string & string array, declaration, initialization of string ,syntax	3
string functions: different string functions with example, related programs	3
Pointers: what is pointer, declaration , initialization, address of variable, uses of pointers with related programs	3
pointer arithmetic- addition ,sub, multiplication, Macro Expansion- macro with arguments. related programs	3

Unit-IV: Structures, Unions and Files   No. of Hours Allotted: 15 hrs

Topics to be covered	No. of Hours
Structures: what is structure, declaration and struct variable, processing of structure with syntax & example	3
Arrays using structures, struct variable of array, related programs	3
Unions: what is union, memory allocation, declaration, processing of union,	3
Difference b/w structure and union, structures of functions, what is typedef statement	3
FILES: I/O and file system defining, opening and closing a file- file commands - input/output operations on files.	3

Name of the Teacher:
Mrs N. Veena
Mrs V.Anuradha
Mr D.Surjeeth Kumar

Signature:

NIZAM COLLEGE
DEPARTMENT OF COMPUTER SCIENCE
LESSON PLAN FOR THE ACADEMIC YEAR 2022-23:

Class: B.Sc.   **Section: M.E.Cs\ M.S.Cs. \ M.Ch.Cs.**

Subject: Object Oriented Programming (C++)

Semester : II   **Paper: II**   **No. of Hours Allotted:60**

Topics to be covered	No. of Hours
UNIT : I OOP Basics, C++ Basics, Functions	15
OOP :- paradigm, comparison with procedure oriented programming(POP)- basic concepts, benefits, OOP languages, applications.	4
C++ :- Introduction, applications, example program, Tokens, data types, constants, operators, precedence, associativity, expressions, type conversions, Control Structures, Arrays, Strings, Pointers.	6
Functions:-Introduction, prototype, reference variables, value and reference address parameters, inline functions, default arguments, const arguments, function overloading, passing arrays to functions	5
UNIT : II Classes, Dynamic Objects and Operator Overloading	15
Classes - Introduction, specification, class objects, accessing class members, defining member functions, access specifiers, pointers in a class, passing objects as arguments, returning objects from functions, memory allocation for objects, static data members, static member functions- public, private & protected data members, and member functions, array of objects, friend functions, friend classes, dynamic memory allocation	6
Constructors - default, parameterized, multiple constructors - constructors with default arguments - dynamic initialization of objects, copy constructor, dynamic constructor, Destructors	3
Dynamic Objects:- Introduction, pointers to objects, creating and deleting dynamic objects, pointers to object members, this pointer.	3
Operator Overloading - Introduction, operator function, overloading unary, binary operator, overloading binary operators using friend function, rules for overloading operators - Type Conversion.	3
UNIT – III Inheritance, Polymorphism, C++ Streams	15
Inheritance - Introduction, base class and derived class, types of Inheritance(single, multiple, hierarchical, multilevel, hybrid and multipath inheritance), overriding base class members, public, protected and private inheritance, constructors and destructors in derived classes, Virtual base classes, abstract class, usage, benefits and costs of inheritance.	6
Polymorphism - pointers to derived classes, virtual functions, rules for virtual functions, pure virtual function	4
C++ Streams:-stream classes, unformatted I/O operations, formatted I/O	5

ns, manipulators.	
IT – IV Templates, Files and Exception Handling	15
Templates-class templates and class templates with multiple parameter, function template and function template with multiple parameters, overloading template functions, member function templates, non-type template arguments.	5
Files Introduction, opening and closing, detecting end of file, file modes, file pointers, sequential I/O operations, updating a file random access.	5
Exception Handling-basics, exception handling mechanism, throw, catch, rethrowing exception, specifying exception	5

Name of the Teacher : V.Anuradha

: N.Veena

:D.Surjeet Kumar

Head Department of Physics
I/c. Department of Computer Science

NIZAM COLLEGE:

DEPARTMENT OF COMPUTER SCINCE

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23

Class: B.Sc II year / Sem-I   **Section: M.E.Cs/M.SCs/M.Ch.Cs**

Course/ Paper: Paper-III (Data structures through C++)

<u>**Unit-I:**</u> **Introduction to DS**   **No. of Hours Allotted: 15 hrs**

Topics to be covered	No. of Hours
What is data structure, definition of DS, data types in DS	2
Types of DS: linear & Non–linear; linear DS ex: Arrays, Linked lists; Non-linear DS: ex trees &graphs;	2
Define Array ,types of arrays: one ,two & multi dim; Array operations: inserting, deleting ,searching elements in an Array ,Algorithm & program.	2
What is stack, stack operations : push, pop, top; representation of stack using Arrays ,Algorithm & program of stack.	2
Representation of stack using linked list, operations of stack push & pop using linked list Algorithm &program	2
Define queue, example of queue, queue operations :front & rear, Representation of queue using array Algorithm & program	2
Sack applications: infix, prefix & postfix; define operation, operator with ex; arithmetic operations, examples of infix ,prefix, postfix	2
Explanation of infix to postfix representation algorithm & program	1
Explanation of infix to postfix representation algorithm & program	1

Unit-II: Linked lists   **No. of Hours Allotted: 15 hrs**

Topics to be covered	No. of Hours
What is linked list, types of lists: single , double &circular ,structure of linked list ,explain about node, data & address of link.	2
Advtg & disavtg of linked list, comparison between Array & linked list.	2
Explanation about single linked list, operations of single list; append a node, deleting ,inserting in middle &reverse a node, algorithm &program	2
Explanation about doubly linked list, operations of double list; append a node, deleting ,inserting in middle &reverse a node, algorithm & program	2
Explanation about circular linked list, operations of circular list; append a node, deleting ,inserting in middle &reverse a node,	2
Representation of stack using linked list algorithm &program	2
Representation of Queue using linked list algorithm &program.	2

No. of Hours Allotted: 15 hrs

Unit-III: Trees

Topics to be covered	No. of Hours
Definition of tree, degree of tree, level of tree, depth of tree, with example	2
What is binary tree &complete binary tree with ex, difference b/t tree& binary tree, binary tree& complete binary tree, what is root, left child & right child.	2
Tree traversal techniques: inorde, preorder & postorder with ex	2
Creating of tree & binary tree with example elements	2
Representation of binary tree using array with algorithm & program	2
Representation of binary tree using array with algorithm & program	2

Unit-IV: Graphs, sorting & searching   No. of Hours Allotted: 15 hrs

Topics to be covered	No. of Hours
What is graph, types of graphs: direct & indirect graph ,graph traversals, adjacency matrix, adjacency list	2
depth-first and breadth-first - concepts	2
Searching techniques: Linear & Binary search, linear search using unsorted array algorithm & program.	3
Linear search using sorted array, Binary search using sorted array algorithm & program	3
Define sorting ,types of sorting: internal & external ,with example	2
Bubble & selection sort algorithm & program	2
Quick sort, merge sort algorithm & program	2

Name of the Teacher:
Mrs N. Veena

Mrs P.Sumeela

Signature:

Head Of Department

Signature:

NIZAM COLLEGE:

DEPARTMENT OF COMPUTER SCINCE

LESSON PLAN FOR THE ACADEMIC YEAR(2022-23)

Class: B.Sc II year / Sem IV   **Section: M.E.Cs/M.S.Cs/M.CH.Cs**

Course/ Paper: Paper-IV (UNIX OS, Networks)

Unit-I: Fundamentals of OS   **No. of Hours Allotted: 15 hrs**

Topics to be covered	No. of Hours
Introduction of OS, Advantages &uses of OS	2
Structure of OS, Application and Functions of OS	2
What is process, explanation of process, functionalities of process	2
Process modeling ,explanation of stack, hash table, process memory	2
Implementation of process in OS	2
Functions of memory management in OS ,how to swap the data in memory	2
Page replacement algorithm , storage of data in virtual memory	2
File processing system, Input/Out file processing in OS ,types of software in I/O file system	2

Unit-II: UNIX   **No. of Hours Allotted: 15 hrs**

Topics to be covered	No. of Hours
What is Unix Os, History of Unix,	2
Salient features of Unix, applications of Unix, Advantages and disadvantages of unix OS	2
Introduction about Shell, types of shells : sh,csh,ksh,rsh,about kernel	2

Basic commands of unix, creating deleting ,renaming, moving of file, listing files with options	2
Creating ,deleting ,copying directory, change mode commands, piping files,	2
Block commands: searching, grep, sorting files/dir , replacing .yank	2
Introduction of editors, types of editors, about vi editor, if-else, loop control statements in unix	2

Unit-III: Computer Organization   No. of Hours Allotted: 15hrs

Topics to be covered	No. of Hours
Introduction of Computer, history of computers, generations of computers	2
Block diagram of computer, structure of CPU, types of memories, ROM,RAM ,ect	2
Different Input Output devices	3
Introduction of memory system, internal memory: cash, ROM, RAM, ect	3
External memory system: magnetic tapes and disks, optical memory, Input output devices, dynamic memory allocation	2
CPU structure: structure, register organization, instruction cycle, sets, addressing modes in memory	2

Unit-IV: Networks   No. of Hours Allotted: 15 hrs

Topics to be covered	No. of Hours
Basic concepts of networks, types of networks, Lan, Man, Wan	2
Types of topologies: mesh, star, hub, bus, hybrid .Applications of networks	2
Types of network models, about OSI model ,7 layers in OSI model	3
Explanation about Pysical layer ,network layer ,data layer	2
Transaction layer ,session layer, application layer and presentation layer	3
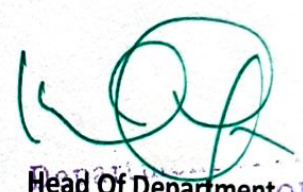
What is protocol, reference model and TCP/IP model	
Explanation of types of signals: Analog ,digital data transmission	2
	2

Name of the Teacher:

Mrs N. Veena

Mrs P.Sumeela

Signature:

Head Of Department
Signature:

NIZAM COLLEGE
DEPARTMENT OF COMPUTER SCIENCE
LESSON PLAN FOR THE ACADEMIC YEAR 2022-23;

Class: B.Sc.   **Section: M.E.Cs\ M.S.Cs. \ M.Ch.Cs.**

Subject: Java Programming

Semester : V   **Paper: V**   **No. of Hours Allotted:60**

Topics to be covered	No. of Hours
Unit I Java Genesis & overview, Classes	**15**
Java Genesis-creation of java, java's importance, to the Internet, java's bytecode, java buzzwords.	2
Java Overview- OOP, OOP principle, a first simple program	2
Datatypes (Integers, floating-point, characters, Boolean), variables	2
Type casting(automatic, explicit), arrays	2
Operators (arithmetic, bitwise, relational, logical, assignment, conditional), operator precedence	2
Control statements-selection (if, switch), **iteration** (while, do…while, for), **jump statements** (break, continue, return).	2
Classes-fundamentals, objects, object reference variable, method, method overloading, constructors, overloading constructors, this keyword.	3
UNIT II Inheritance, Package, Interface, Exception handling	**15**
Inheritance-basics, using super keyword, multilevel hierarchy, constructors, method overriding, Dynamic Method Dispatch, abstract classes, final keyword.	6
Packages-introduction, access protection, importing packages.	3
Interfaces-defining and implementing interfaces, applying interfaces, variables in interfaces, Extending interface	3
Exception Handing - fundamentals, exception types, using try and catch, multiple catch clauses, nested try statements, throw, throws, finally, java's built-in exception.	3
UNIT III: AWT	**15**
Applet-applet tag, applet life cycle methods, drawing graphics in applet.	3
Event Handling- delegation event model, event classes, sources of events, event listener interfaces, Action Listener interface, Mouse Listener interface.	4
AWT-Introduction, AWT classes, adding controls to applets: text field, labels, buttons.	3
Layout Managers-border, flow, grid, gridbag, card.	2
Frame-creating frame windows	2

UNIT IV JDBC and Servlets	15
JDBC-basics, drivers, type of statements(statement, prepared statement, callable statement), create table, insert records, select, update record, delete record.	8
Servlet-Introduction, life cycle, a simple servlet, servlet API, HTTP get and post methods, Cookies, session tracking, using JDBC in servlets.	7

Name of the Teacher : V.Anuradha

D.Surjeet Kumar

Head Department of Physics
I/c. Department of Computer Science
Nizam College, OU, Hyd.

NIZAM COLLEGE
LESSON PLAN FOR THE ACADEMIC YEAR 2022-23
DEPARTMENT OF B.Sc Computer Science

Class: B.Sc IIIyr/VI-sem   Section: M.E.Cs/M.S.Cs/M.CH.Cs

Name of the Subject: DBMS   Title of the Paper:DBMS
Paper-VII   No.of hours allotted:60

INTRODUCTION TO DATABASE
Unit-I   15 Hours

Topics to be Covered	No.of hours required
Basic Concepts and definitions	01
File processing Systems and its uses	01
Disadvantages and advantages of Database approach	01
Components of Database Environment	01
Database development process-I	01
Process with Information Systems Development	01
Database Development Process-II	01
Two-tier architecture and advantages	01
Draw backs and Three Tier architecture	01
Three Tier database location architecture	01
Access privileges and System grants	01
Group priviliges and User Policies	01
N-Tier architecture ,advantages	01
Advantages and disadvantages and case study of n-tier architecure	02

MODELLING THE DATABASE

Unit-II   15 Hours

Topics to be Covered	No.of hours required
Basic Concepts and definitions	01
Modelling the rules of organization	02
Entity Relationship Model	01
Rules in constructing Entity relationship Model	01
Relationships,and its Attributes	02
Enhanced RelationShip Model and its attributes	02
Database Development Process-II	01
Super types and Sub types and its representation	02
Constraints in Super type relationships with examples	02
Constraints in Sub-type relationships with examples	01

LOGICAL DATABASE DESIGN

Unit-III

15 Hours

Topics to be Covered	No.of hours required
Basic Concepts and definitions	01
The Relational Data Model	02
Integrity Constraints approach	01
Transformation of EER	02
Diagrams into relations and concepts	02
Introduction to Normalization	01
Basic Normal Forms and its examples	01
BCNF,4NF with examples	01
Physical database design process	01
Designing fields,Designing Physical records	01
Designing Physcical Files and Selecting Indexes	01
Designing Databases	01

SQL

Unit-IV   15 Hours
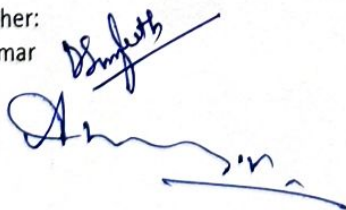
Topics to be Covered	No.of hours required
Basic Concepts and definitions	01
The SQL Environment	01
Defining the databases using SQL	01
Inserting,Updating and deleting data from SQl tables	02
Internal Schema	01
Defininig RDBMS Processing Single tables	02
Processing multiple tables	01
Ensuring data inegreity and independence	01
Ensuring Transaction Integrity	02
Data Dictionary Facilities	02

Name of the Teacher:
Mr.D.Surjeeth Kumar
Mrs V.Anuradha

Signature:

HEAD
Department of Physics
Head Of Department
Nizam College, Hyd.

Signature

NIZAM COLLEGE
DEPARTMENT OF COMPUTER SCIENCE
LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023
GENERAL ELECTIVE – INFORMATION TECHNOLOGY

Class: B.A
Subject:

Semester :   Paper: No. of Hours Allotted:60

Topics to be covered	No. of Hours
UNIT -1	**15**
INFORMATION TECHNOLOGY –BASICS - INTRODUCTION	2
NEED FOR INFORMATION STORAGE AND PROCESSING	2
INFORMATION TECHNOLOGY COMPONENTS	2
ROLE OF INFORMATION TECHNOLOGY	**2**
INFORMATION TECHNOLOGY AND INTERNET	2
EMERGING TRENDS IN IT- INTRODUCTION	2
E-COMMERCE , EDI, SMART CARDS	2
MOBILE COMMUNICATION, INTERNET ON TV	1
UNIT – 2	
COMPUTER SOFTWARE	15 HOURS
INTRODUCTION , CLASSIFICATION OF SOFTWARE	2
SYSTEM SOFTWARE, APPLICATION SOFTWARE	2
FIRMWARE, MIDDLEWARE, ACQUIRING COMPUTER SOFTWARE	2
OPERATING SYSTEMS – INTRODUCTION	2
EVOLUTION OF OPERATING SYSTEMS, PROCESS MANAGEMENT	2

MEMORY MANAGEMENT, FILE MANAGEMENT	2
DEVICE MANAGEMENT, SECURITY MANAGEMENT, COMMAND INTERPRETER	2
WINDOWS, LINUX	1
UNIT – 3	
INTRODUCTION TO ALGORITHMS	15
INTRODUCTION TO ALGORITHMS AND PROGRAMMING LANGUAGES	2
ALGORITHM, CONTROL STRUCTURES, FLOW CHARTS	2
PSEUDO CODE, PROGRAMMING LANGUAGES	2
GENERATIONS OF PROGRAMMING LANGUAGES	2
DATABASE SYSTEMS- FILE ORIENTED APPROACH, DATABASE ORIENTED APPROACH	2
DATABASE VIEWS, THREE SCHEMAARHITECTURE	2
DATABASE MODELS, COMPONENTS OF DBMS	2
INTRODUCTIO TO SQL - QUERIES	1
UNIT -4 COMPUTER NETWORKS	15
INTRODUCTION, CONNECTION MEDIA, DATA TRANSMISSION MODE	2
DATA MULTIPLEXING,DATA SWITCHING, NETWORK TOPOLOGIES	2
TYPES OF NETWORKS, NETWORKING DEVICES,	2
OSI MODEL, THE INTERNET – INTERNET SERVICES, TYPES OF INTERNET CONNECTIVITIES	2
INTERNET SECURITY	2
EMERGING COMPUTER TECHNOLOGIES- DISRIBUTED NETWORKING, PEER TO PEER COMPUTING	2
GRID COMPUTING , CLOUD COMPUTING , UTILITY COMPUTING, ONDEMAND COMPUTING	2
WIRELESS NETWORK , BLUETOOTH, ARTIFICIAL INTELLIGENCE	1

Name of the Teacher :

V.SUNEELA

HEAD
Department of Physics
Nizam College, OU Hyd
Head Department of Physics
I/c. Department of Computer Science

DEPARTMENT OF GENETICS
NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			Designation: ASSITANT PROFESSOR©
Name of the Course: GENETICS	Semester: I	Paper: 1	Unit:1Mendelian inheritance and its extensions
Paper title: TRANSMISSION GENETICs			

S. No	Topic	No. of Hours	Remarks
1	Mendel's experiments; Law of segregation, monohybrid cross, reciprocal cross, back cross, test cross	1	
2	Law of independent assortment, dihybrid cross; Chromosomal theory of Inheritance	1	
3	Variations to dominance- Co-dominance and Incomplete dominance; Lethal and Sub-lethal genes	1	
4	Penetrance and Expressivity; Pleiotropism	1	
5	Multiple alleles- Eye colour in Drosophila, ABO blood groups in human; Rh Blood group incompatibility	1	
6	Self-incompatibility in plants	1	
7	Gene interactions– types of epistasis	1	
8	9:7; 9:3:4; 9:6:1; 12:3:1; 15:1	1	
9	Multifactorial inheritance: Features of quantitative inheritance- additive effect	1	
10	Kernel colour and size in wheat /maize	1	
11	skin color in man	1	
12	Sex linked inheritance – X-linked and Y-linked traits – holandric genes, SRY gene	1	
13	Sex limited and sex influenced traits	1	
14	Sex determination –mechanisms of sex determination in Drosophila and Human	1	
15	Non-mendelian inheritance: Plastid inheritance – Variegation in *Mirabilis Jalapa*; Maternal effects and inheritance – Shell coiling in snails, Poky mutants in *Neurospora*	1	

Signature of the Teacher

Signature of the Head

DEPARTMENT OF GENETICS
NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP	Designation: ASSITANT PROFESSOR©

Name of the Course: GENETICS	Semester: I	Paper: 1	Unit- 2: Linkage, Crossing over and Gene mapping
Paper title: TRANSMISSION GENETICS			

S. No	Topic	No. of Hours	Remarks
1	Discovery of linkage – Phases of linkage	1	
2	Chiasmata and crossing over formation	1	
3	Recombination	1	
4	Cytological proof for crossing over – Curt Stern	1	
5	McClintock experiments	1	
6	Linkage analysis	1	
7	Recombination frequencies	1	
8	Two-point crosses	1	
9	Three-point crosses	1	
10	Gene mapping	1	
11	Coincidence and Interference	1	
12	Determination of gene order	1	
13	Gene mapping in Neurospora – Tetrad analysis	1	
14	Mitotic recombination in *Aspergillus*	1	
15	Drosophila	1	

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DEPARTMENT OF GENETICS
NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			Designation: ASSITANT PROFESSOR©
Name of the Course: GENETICS	Semester: I	Paper: 1	Unit- 3: Cell division and Chromosome segregation.
Paper title: TRANSMISSION GENETICS			

S. No	Topic	No. of Hours	Remarks
1	Eukaryotic Cell cycle.	1	
2	Phases of cell cycle G0, G1, S, G2	1	
3	Regulation of cell cycle cyclins, CDK proteins	1	
4	role of p^{53} in cell cycle	1	
5	Mitosis – Stages in mitotic cell division- significance of mitosis	1	
6	Meiosis – Formation of Synaptonemal complex	1	
7	crossing over	1	
8	chiasma formation	1	
9	significance of meiosis.	1	
10	Apoptosis.	1	
11	extrinsic & intrinsic pathways, & significance	1	
12	Senescence	1	
13	Necrosis	1	
14	characteristics &	1	
15	mechanisms	1	

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DEPARTMENT OF GENETICS
NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			Designation: ASSITANT PROFESSOR©
Name of the Course: GENETICS	Semester: I	Paper: 1	Unit- 4: Chromosome structure, chromatin organization and variation
Paper title: TRANSMISSION GENETICS			

S. No	Topic	No. of Hours	Remarks
1	Chromosome morphology- size and shape	1	
2	Euchromatin and Heterochromatin	1	
3	constitutive and facultative heterochromatin	1	
4	Components of chromatin, histones &non-histones	1	
5	Packing of DNA into chromatin – Nucleosome and higher order organization	1	
6	Specialized Chromosomes	1	
7	Lamp brush chromosomes	1	
8	Polytene Chromosomes	1	
9	Structural chromosomal aberrations- duplications,	1	
10	deletions,	1	
11	Inversions	1	
12	Translocations with examples- Genetic consequences	1	
13	Numerical chromosomal aberrations – aneuploidy,	1	
14	euploidy auto-polyploidy	1	
15	Allo-polyploidy, Genetic consequences	1	

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DEPARTMENT OF GENETICS
NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: B. Radha Krishna Murthy			Designation: ASSITANT PROFESSOR©
Name of the Course: B. Sc. GENETICS	Semester: IV	Paper: 2	Unit- 1: Nucleic acids, DNA replication & DNA repair
Paper title: MOLECULAR GENETICS & GENETIC ENGINEERING			

S. No	Topic	No. of Hours	Remarks
1	DNA as the genetic material-Griffiths transformation experiment,	1	
2	Avery, MacLeod and McCarty's experiments and Hershey & Chase phage-labelling experiment	1	
3	RNA as genetic material- tobacco mosaic virus	1	
4	Chemistry of Nucleic acids- Nucleotides	1	
5	Franklin's X-ray crystallography, Chargaff's rule	1	
6	Watson-Crick model and forms of DNA (A, B & Z); types of RNA (r RNA, mRNA& t RNA)	1	
7	DNA replication-conservative, semi-conservative and dispersive models	1	
8	Meselson- Stahl experiment	1	
9	Mechanisms of DNA replication-linear, circular, rolling circle, D- loop and θmodels	1	
10	DNA replicative enzymes (DNA polymerases, helicase, primase, ligase, telomerase, nuclease & topoisomerases)	1	
11	proteins (initiator protein & single strand bindingproteins)	1	
12	Mutations: types of mutations	1	
13	transition, transversion, frame shift, silent, mis-sense and non-sense	1	
14	Induced mutations- physical and chemical mutagens; spontaneous mutations	1	
15	DNA damage and repair mechanisms - direct, excision and mismatch, SOS nonhomologous end joining(NHEJ)	1	

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DEPARTMENT OF GENETICS
NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: B. Radha Krishna Murthy			Designation: ASSITANT PROFESSOR©
Name of the Course: B. Sc. GENETICS	Semester: II	Paper: 2	Unit- **2- Gene expression in Prokaryotes & Eukaryotes**
Paper title: MOLECULAR GENETICS & GENETIC ENGINEERING			

S. No	Topic	No. of Hours	Remarks
1	Structure of prokaryotic gene	1	
2	Structure of eukaryotic gene	1	
3	structure and functions of RNA polymerase	1	
4	RNA polymerase & it's sub units in prokaryotes	1	
5	Transcriptional machinery in eukaryotes	1	
6	(RNA polymerases) and their structural and functional features	1	
7	Genetic code	1	
8	Genetic code-properties	1	
9	deciphering of genetic code	1	
10	Wobble hypothesi	1	
11	Transcription mechanism-initiation -elongation	1	
12	proof reading	1	
13	termination (rho independent & rho dependent)	1	
14	ranscription in eukaryotes-Initiation, elongation & termination factors	1	
15	Translation mechanism- initiation, elongation and termination	1	

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DEPARTMENT OF GENETICS
NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: B. Radha Krishna Murthy			Designation: ASSITANT PROFESSOR©
Name of the Course: B. Sc. GENETICS	Semester: II	Paper: 2	Unit- **3- Gene regulation in Prokaryotes & Eukaryotes**
Paper title: MOLECULAR GENETICS & GENETIC ENGINEERING			

S. No	Topic	No. of Hours	Remarks
1	Prokaryotic transcriptional regulation	1	
2	transcriptional regulation (inducible system)	1	
3	Operon concept- lac operon	1	
4	Operon concept- & glucose effect	1	
5	repressible system	1	
6	tryptophan Operon	1	
7	Post-transcriptional modifications	1	
8	modifications- capping	1	
9	modifications- poly- adenylati	1	
10	Splicing - and alternate splicing	1	
11	r RNA and t RNA splicing	1	
12	Post-translational modifications- acetylation, ubiqutination and chaperones	1	
13	Post-translational modifications- glycosylation, lipidation	1	
14	Gal locus regulation in yeast	1	
15	yeast- regulation of mating type	1	

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DEPARTMENT OF GENETICS
NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: B. Radha Krishna Murthy			Designation: ASSITANT PROFESSOR©
Name of the Course: B. Sc. GENETICS	Semester: II	Paper: 2	Unit- 4 Microbial genetics and genetic engineering
Paper title: MOLECULAR GENETICS & GENETIC ENGINEERING			

S. No	Topic	No. of Hours	Remarks
1	Transformation- competence of bacterial cells	1	
2	mechanism of transformation	1	
3	gene mapping by transformation	1	
4	Transduction: generalized transduction, co-transduction and linkage	1	
5	Mapping by co- transduction, Specialized transduction	1	
6	r-DNA technology; enzymes used in molecular cloning- restriction endonucleases,	1	
7	Conjugation- unidirectional gene transfer	1	
8	F + and F- High frequency recombination	1	
9	Gene mapping by conjugation	1	
10	Vectors used in cloning: E.Coli, plasmid vectors- pBR322, pUC	1	
11	vectors; cosmids; shuttle vectors- yeast vectors	1	
12	Strategies for genomic libraries and c DNA libraries construction	1	
13	Screening for detection of cloned genes-antibiotic resistance, blue-white screening	1	
14	Blotting techniques (Southern, Western & Northern)	1	
15	Applications of genetic engineering in agriculture and medicine.		

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DEPARTMENT OF GENETICS
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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			Designation: ASSITANT PROFESSOR©
Name of the Course: GENETICS	Semester: III	Paper: 3	Unit 1: Descriptive Biostatistics and Probability
Paper title: BIOSTATISTICS AND BIOINFORMATICS			

S. No	Topic	No. of Hours	Remarks
1	Introduction to biostatistics	1	
2	kinds of data and variables- based on nature (numerical - discrete and continuous; categorical- ordinal and nominal)	1	
3	based on source (primary and secondary data); sample size	1	
4	sampling methods and sampling errors.	1	
5	Data tabulation and representation methods	1	
6	Graphical methods- stem and leaf plot,	1	
7	line diagram, bar graphs, histogram, frequency polygon, frequency curves	1	
8	Diagrammatic method- pie diagram	1	
9	Measures of Central tendency – mean, median, mode; merits and demerits	1	
10	Measures of Dispersion-range, variance, standard deviation, standard error and coefficient of variation; merits and demerits	1	
11	Concepts of probability - random experiment, events, probability of an event	1	
12	probability rules (Addition and Multiplication rules), permutations and combinations	1	
13	random variables (Discrete and Continuous)	1	
14	Probability Distributions: Binomial & Poisson distributions for discrete variables	1	
15	Normal distribution for continuous variables	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			Designation: ASSITANT PROFESSOR©
Name of the Course: GENETICS	Semester: III	Paper: 3	Unit 2: Applications of Biostatistics
Paper title: BIOSTATISTICS AND BIOINFORMATICS			

S. No	Topic	No. of Hours	Remarks
1	Hypothesis testing - Steps in testing for statistical hypothesis, null and alternative	1	
2	level of significance- type-1 and type-2 errors	1	
3	Test of significance for small samples- Student's t-test	1	
4	one sample and two sample	1	
5	Test of significance for large samples- Z-test of means and proportions	1	
6	Chi-square test and its applications	1	
7	goodness of fit	1	
8	Independence	1	
9	Analysis of Variance (ANOVA) – one way analysis	1	
10	Correlation- Definition, Simple and Linear analysis	1	
11	Karl Pearson's correlation coefficient	1	
12	problems based on probability	1	
13	problems based on chi-square test	1	
14	problems based on t-test	1	
15	problems based on correlation	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: B. Radha Krishna Murthy			Designation: ASSITANT PROFESSOR©
Name of the Course: B. Sc. GENETICS	Semester: III	Paper: 3	Unit- 3 Introduction to bioinformatics and biological databases
Paper title: BIOSTATISTICS AND BIOINFOMATICS			

S. No	Topic	No. of Hours	Remarks
1	Bioinformatics definition	1	
2	Bioinformatics history	1	
3	Bioinformatics scope	1	
4	Bioinformatics applications	1	
5	Bioinformatics tools	1	
6	Bioinformatics resources	1	
7	Bioinformatics internet basics	1	
8	Bioinformatics free online tool	1	
9	Bioinformatics free software and installation	1	
10	Bioinformatic web portal	1	
11	NCBI, EBI, ExPASy	1	
12	Classification of databases	1	
13	–primary (GenBank), secondary (PIR) and tertiary or composite (KEGG) databases	1	
14	DNA sequence databases (ENA &DDBJ)	1	
15	Protein sequence databases (Swissprot& PROSITE)	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: B. Radha Krishna Murthy			Designation: ASSITANT PROFESSOR©
Name of the Course: B. Sc. GENETICS	Semester: III	Paper: 3	Unit- 4 sequence alignment
Paper title: BIOSTATISTICS AND BIOINFOMATICS			

S. No	Topic	No. of Hours	Remarks
1	Basics of sequence alignment	1	
2	Match, mismatch, gaps	1	
3	Gap penalties, scoring alignment	1	
4	Types of sequence alignment	1	
5	Pairwise and multiple alignment	1	
6	Local and global alignment	1	
7	Dot matrix	1	
8	Comparison of sequences	1	
9	Scoring matrices	1	
10	PAM- matrices	1	
11	BLOSUM - matrices	1	
12	Pairwise sequence	1	
13	Sequence similarity search by BLAST	1	
14	Sequence similarity search by FASTA	1	
15	Concepts of phylogenetic tree- character based	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: B. Radha Krishna Murthy			Designation: ASSITANT PROFESSOR©
Name of the Course: B. Sc. GENETICS	Semester: III	Paper: SEC- 2	Unit- **1 PREPARATION OF CHROMOSOMES**
Paper title: CYTOGENETIC ANALYSIS			

S. No	Topic	No. of Hours	Remarks
1	Cell culture – sterilizing techniques	1	
2	Cell culture –growth media	1	
3	Variables affecting cell growth	1	
4	Contamination in tissue culture	1	
5	Preservation of cells	1	
6	Sample collection and handling	1	
7	Peripheral blood, bone marrow		
8	Amniotic fluid, solid tissues	1	
9	Culture initiation, Culture harvesting	1	
10	Karyotyping – metaphase spread, counting of chromosomes	1	
11	Culture hypotonic treatment,	1	
12	Culture slide preparation	1	
13	Chromosome staining and banding	1	
14	Chromosome staining and banding	1	
15	G-banding, Q-banding, R-banding, C-banding		

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: B. Radha Krishna Murthy			Designation: ASSITANT PROFESSOR©
Name of the Course: B. Sc. GENETICS	Semester: III	Paper: SEC- 2	Unit- 2 CHROMOSOME ANALYSIS
Paper title: CYTOGENETIC ANALYSIS			

S. No	Topic	No. of Hours	Remarks
1	Microscopy – Bright-field microscopy	1	
2	Inverted and fluorescence microscopy	1	
3	Chromosomal analysis -	1	
4	Chromosome number, size	1	
5	Shape in humans; karyotyping	1	
6	Chromosomes – ideogram	1	
7	Chromosome abnormalities	1	
8	Structural - abnormalities - breaks, gaps	1	
9	Structural – abnormalities- deletions, insertions	1	
10	Structural – abnormalities- duplications, inversions,	1	
11	Structural – abnormalities -translocations	1	
12	Numerical-abnormalities (monosomy, trisomy &tetrasomy)	1	
13	Numerical-abnormalities (triploid, tetraploid)	1	
14	FISH&SKY – principle, applications and limitations	1	
15	Screening Analysis - amniotic fluid sampling, chorionic villi sampling, bone marrow aspiration & biopsy analysis	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			Designation: ASSITANT PROFESSOR©
Name of the Course: GENETICS	Semester: IV	Paper: 4	Unit 1: Principles of Population genetics
Paper title: POPULATION GENETICS & EVOLUTION			

S. No	Topic	No. of Hours	Remarks
1	population structure	1	
2	Random mating	1	
3	Concept of population	1	
4	Gene pool, deme, panmictic unit	1	
5	Genetic and phenotypic variation in a population	1	
6	Allele frequency	1	
7	Genotype frequency	1	
8	h-w law, assumptions	1	
9	h-w law implications	1	
10	Establishment of equilibrium for single gene locus	1	
11	Extension of Hardy-Weinberg Law for multiple alleles	1	
12	Establishment of Hardy-Weinberg Law for X-linked genes	1	
13	Linkage disequilibrium	1	
14	haplotypes, coefficient of linkage disequilibrium	1	
15	coupling gametes and repulsion gametes	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			Designation: ASSITANT PROFESSOR©
Name of the Course: GENETICS	Semester: IV	Paper: 4	**Unit** 2: **Selection, Mutation & Migration**
Paper title: **POPULATION GENETICS & EVOLUTION**			

S. No	Topic	No. of Hours	Remarks
1	Selection	1	
2	fitness,	1	
3	Patterns of natural selection	1	
4	General selection equation	1	
5	Equilibrium under selection	1	
6	Selection favoring heterozygotes	1	
7	Heterozygote advantage	1	
8	Balanced polymorphism	1	
9	Selection against heterozygotes	1	
10	Complete elimination of recessive alleles	1	
11	Mutations -influence on allele frequencies	1	
12	Forward and backward mutation	1	
13	Balance between forward and backward mutation	1	
14	Genetic load- mutational and segregational	1	
15	Gene flow -migration- wahlund effect	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			**Designation: ASSITANT PROFESSOR©**
Name of the Course: GENETICS	**Semester: IV**	**Paper: 4**	**Unit 3:** Inbreeding, Genetic Drift and Quantitative inheritance
Paper title: **POPULATION GENETICS & EVOLUTION**			

S. No	Topic	No. of Hours	Remarks
1	Inbreeding- nonrandom mating	1	
2	Identity by descent, selfing	1	
3	Construction of pedigree- raw and forked	1	
4	Inbreeding coefficient	1	
5	Effect of inbreeding on genotype frequencies	1	
6	Inbreeding depression	1	
7	Genetic drift	1	
8	Bottle neck effect- founder principle	1	
9	Effective population size	1	
10	Consequences of decreasing population size	1	
11	Quantitative vs qualitative traits	1	
12	Genetic and environment values	1	
13	Measures of variances	1	
14	Problems based on inbreeding coefficient	1	
15	Problems based on variance	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			Designation: ASSITANT PROFESSOR©
Name of the Course: GENETICS	**Semester: IV**	**Paper: 4**	**Unit 4:** Genetic Variation and Molecular Evolution
Paper title: **POPULATION GENETICS & EVOLUTION**			

S. No	Topic	No. of Hours	Remarks
1	The origin of genomes	1	
2	Acquisition of new genes	1	
3	Gene duplication	1	
4	And from other species	1	
5	Origin of non-coding DNA	1	
6	Transposable elements	1	
7	Introns	1	
8	Molecular phylogenetics	1	
9	DNA sequence and protein sequence phylogenetics	1	
10	Molecular evolution -neutral theory	1	
11	Establishment of evolutionary relationship	1	
12	Molecular clocks	1	
13	Construction of phylogenetic trees	1	
14	UPGMA	1	
15	NJ methods	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: B. Radha Krishna Murthy			Designation: ASSITANT PROFESSOR©
Name of the Course: B. Sc. GENETICS	Semester: I	Paper: SEC- 4	Unit- 1 Biophysical techniques
Paper title: BIOPHYSICAL AND MOLECULAR BIOLOGY TECHNIQUES			

S. No	Topic	No. of Hours	Remarks
1	Spectroscopy -principle	1	
2	Instrumentation, -ultra violet and	1	
3	visible light spectroscopy	1	
4	Chromatography- types of chromatographic techniques,	1	
5	Paper, ion exchange	1	
6	size exclusion -principle and application,	1	
7	Centrifugation- principle of sedimentation	1	
8	preparative centrifugation Differential centrifugation and density gradient centrifugation application	1	
9	Electrophoretic techniques-	1	
10	Agarose gel electrophoresis,	1	
11	types SDS PAGE - principle and application	1	
12	Mass spectroscopy principle and application	1	
13	Microscopy- principle and application	1	
14	Phase contrast microscope	1	
15	Confocal microscope	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: B. Radha Krishna Murthy			Designation: ASSITANT PROFESSOR©
Name of the Course: B. Sc. GENETICS	Semester: III	Paper: SEC- 4	Unit- 2 **Molecular biology techniques**
Paper title: BIOPHYSICAL AND MOLECULAR BIOLOGY TECHNIQUES			

S. No	Topic	No. of Hours	Remarks
1	PCR-TYPES	1	
2	Allele specific PCR ARMS PCR	1	
3	Reverse transcriptase PCR	1	
4	Principle and applications	1	
5	DNA sequencing -principle and application	1	
6	Microarrays	1	
7	DNA and protein arrays	1	
8	Principle and application	1	
9	Blotting techniques	1	
10	Southern blotting	1	
11	Northern blotting	1	
12	Western blot	1	
13	Principle and application	1	
14	Fluorescence and chemiluminescence-imaging	1	
15	Principle and application	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			Designation: ASSITANT PROFESSOR©
Name of the Course: GENETICS	Semester: V	Paper: GE	Unit 1: Introduction to Genetics
Paper title: BASIC& APPLIED GENETICS			

S. No	Topic	No. of Hours	Remarks
1	Genotype & phenotype; homozygous & heterozygous;	1	
2	dominant& recessive	1	
3	gene & allele	1	
4	Mendelian genetics –Principle of dominance	1	
5	Principle of segregation	1	
6	Principle of Independent Assortment	1	
7	Trait Inheritance – ABO blood groups in human	1	
8	eye color in Drosophila	1	
9	Polygenic Inheritance –Kernel colour in Maize	1	
10	skin colour in man	1	
11	Sex-linked Inheritance – haemophilia	1	
12	colour blindness in man	1	
13	Non-Mendelian inheritance-	1	
14	Maternal inheritance	1	
15	Variegation in leaves of higher plants-Mirabilis Jalapa	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			Designation: ASSITANT PROFESSOR©
Name of the Course: GENETICS	Semester: V	Paper: GE	Unit 2: Cellular & Molecular basis of Inheritance
Paper title: BASIC& APPLIED GENETICS			

S. No	Topic	No. of Hours	Remarks
1	DNA structure	1	
2	alternative forms (A, B & Z)	1	
3	RNA- types of RNA (rRNA, mRNA)	1	
4	tRNA	1	
5	Ultrastructure of prokaryotic cell	1	
6	cell membrane and plasmids, Nucleoid	1	
7	Ultrastructure of eukaryotic cell	1	
8	nucleus, mitochondria, chloroplast, endoplasmic reticulum, golgi apparatus)	1	
9	Chromosomes:	1	
10	Structure (centromere and telomere),	1	
11	karyotype	1	
12	Packaging of DNA in to Chromosomes	1	
13	Cell division stages of mitosis	1	
14	meiosis I&II&	1	
15	fertilization	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			Designation: ASSITANT PROFESSOR©
Name of the Course: GENETICS	Semester: V	Paper: GE	Unit 3: Genomes &Genetic Engineering
Paper title: BASIC& APPLIED GENETICS			

S. No	Topic	No. of Hours	Remarks
1	Prokaryotic genomes	1	
2	genome size & organization	1	
3	Eukaryotic genomes	1	
4	features of eukaryotic nuclear genomes	1	
5	organellar genomes	1	
6	Human genome project	1	
7	goals and achievements	1	
8	Genetic Engineering	1	
9	Transgenic plants	1	
10	Bt cotton	1	
11	Golden rice	1	
12	Genetic Engineering - Transgenic animals	1	
13	Molecular pharming -Buffalo and Goat	1	
14	Genetic Engineering: Environment	1	
15	Bioremediation	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			Designation: ASSITANT PROFESSOR©
Name of the Course: GENETICS	Semester: V	Paper: GE	Unit 4: Human Genetics
Paper title: BASIC& APPLIED GENETICS			

S. No	Topic	No. of Hours	Remarks
1	Human nuclear genome –general features,	1	
2	protein coding genes	1	
3	RNA coding genes, non-coding DNA	1	
4	Human chromosome anomalies	1	
5	Down's syndrome	1	
6	Klinefelter's syndrome	1	
7	Single gene disorders	1	
8	Hemoglobinopathies Sickle cell disease Thalassemias	1	
9	Complex genetic diseases Hypertension Diabetes mellitus	1	
10	Genetic testing Prenatal screening	1	
11	Invasive methods and non-invasive techniques	1	
12	Neonatal screening (PKU),	1	
13	Preclinical screening (Alzheimer's)	1	
14	Therapeutics: Conventional treatment modalities- PKU;	1	
15	Gene therapy Types- somatic and germ line gene therapy; Gene therapy trials: ADA deficiency	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: B. Radha Krishna Murthy			Designation: ASSITANT PROFESSOR©
Name of the Course: B. Sc. GENETICS	Semester: V	Paper: 5	Unit- **1** Basics of Plant Life Cycle and Genetics
Paper title: PLANTGENETICS & BIOTECHNOLOGY			

S. No	Topic	No. of Hours	Remarks
1	Overview of plant development and life cycle – sporogenesis, gametogenesis	1	
2	Pollination, fertilization, embryogenesis (development of monocot & dicot embryos)	1	
3	Seed (monocot) development and seed germination	1	
4	Seed (dicot) development and seed germination	1	
5	Meristems – root apical meristems & root development	1	
6	Shoot apical meristems &leaf development; flower and fruit development	1	
7	Plant hormones and their actions	1	
8	Auxins, cytokinins, gibberellins,	1	
9	Abscisic acid,ethylene, brassinosteroids	1	
10	Plant Nuclear Genome Organization	1	
11	General features, Variation of Genome sizeamong plants	1	
12	Fine structure of plant gene	1	
13	Plant Organellar	1	
14	Genome Organization	1	
15	Mitochondria, Chloroplast	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: B. Radha Krishna Murthy			Designation: ASSITANT PROFESSOR©
Name of the Course: B. Sc. GENETICS	Semester: V	Paper: 5	Unit- 2 Plant Tissue culture
Paper title: PLANTGENETICS & BIOTECHNOLOGY			

S. No	Topic	No. of Hours	Remarks
1	Media and culture conditions	1	
2	sterile technique	1	
3	Regeneration methods of plants in culture	1	
4	Organogenesis, somatic embryogenesis	1	
5	Somaclonal variation	1	
6	Induction of callus	1	
7	cell suspension cultures	1	
8	Protoplast culture techniques	1	
9	production of somatic hybrids	1	
10	production of somatic cybrids	1	
11	Anther/microspore culture	1	
12	Production of haploids and theiruses	1	
13	Production of double haploids and theiruses	1	
14	Somatic embryo culture	1	
15	Production of synthetic seeds	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: B. Radha Krishna Murthy			Designation: ASSITANT PROFESSOR©
Name of the Course: B. Sc. GENETICS	Semester: V	Paper: 5	Unit- 3 Plant Breeding& Hybrid seed production
Paper title: PLANTGENETICS & BIOTECHNOLOGY			

S. No	Topic	No. of Hours	Remarks
1	Mating systems	1	
2	Self fertilization	1	
3	Cross fertilization	1	
4	Apomixis	1	
5	Methods of breeding	1	
6	Self-pollinating species	1	
7	Pedigree breeding	1	
8	Single-seed descent	1	
9	Methods of breeding in Cross-pollinating species	1	
10	Mass selection, recurrentselection	1	
11	Hybrid seed production – genetic male sterility	1	
12	Hybrid seed production based on cytoplasmic genetic male sterility	1	
13	Seed productionof CMS lines (A), maintainer line (B), restorer line (R)	1	
14	Hybrid seed production based on functional male sterility system	1	
15	Gameticides and their use in hybrid seed production	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: B. Radha Krishna Murthy			Designation: ASSITANT PROFESSOR©
Name of the Course: B. Sc. GENETICS	Semester: v	Paper: 5	Unit- 4 Transgenic plants production and applications
Paper title: PLANTGENETICS & BIOTECHNOLOGY			

S. No	Topic	No. of Hours	Remarks
1	Transformation based transgenic plants production	1	
2	*Agrobacterium tumefaciens* andviral vectors	1	
3	Direct gene transfer based transgenic plants production	1	
4	Particle bombardment, electroporation	1	
5	Silicon carbide whiskers, sonication, laser micro puncture	1	
6	Nanofiber arrays, chemical methods	1	
7	Genetically modified crops for insect resistance	1	
8	Bt crops, microbes& plant derived toxins	1	
9	Genetically modified crops for Virus resistance	1	
10	Coat protein mediated crossprotection , antisense and sense mediated resistance	1	
11	Satellite RNA protection pathogen targeted protection	1	
12	Genetically modified crops for Disease resistance – pathogenesis related proteins, anti microbial proteins	1	
13	Engineering toxin insensitivity, phytoalexins , manipulation of disease resistance genes	1	
14	Transgenic plants for product quality – improved storage	1	
15	longer shelf life, nutritionalquality (Golden Rice).	1	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			Designation: ASSITANT PROFESSOR©
Name of the Course: GENETICS	Semester: VI	Paper: 6	Unit 1: The Human genome
Paper title: HUMAN GENOME AND HUMAN GENETICS			

S. No	Topic	No. of Hours	Remarks
1	Human nuclear genome organization	1	
2	Gene size and density	1	
3	Organization of protein coding gene	1	
4	Gene families	1	
5	Globin gene family	1	
6	Histone gene family	1	
7	Non coding RNA genes	1	
8	rRNA	1	
9	tRNA	1	
10	Micro RNA	1	
11	Repetitive elements-LINES, SINES, LTR elements	1	
12	Satellites, mini satellites, micro satellites, transposons	1	
13	Human Mitochondrial genome organization	1	
14	Human Genome variation- DNA sequence variants, genetic polymorphisms	1	
15	Gene duplication and evolution	1	

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Name of the teacher: SANDHYA JAGTAP			Designation: ASSITANT PROFESSOR©
Name of the Course: GENETICS	Semester: VI	Paper: 6	Unit 2: Human genome project
Paper title: HUMAN GENOME AND HUMAN GENETICS			

S. No	Topic	No. of Hours	Remarks
1	Human genome project	1	
2	Goals and achievements- Applications & Ethics	1	
3	Comparative genomics	1	
4	Evolutionary constrained sequences	1	
5	diversified sequences	1	
6	C- Value paradox	1	
7	Transcriptomics	1	
8	Transcriptome analysis	1	
9	Microarrays	1	
10	RNA sequencing	1	
11	Gene expression profiling	1	
12	Epigenomics-Epigenetic modifications (DNA methylation, Histone modifications);	1	
13	Genomic imprinting	1	
14	Proteomics- Proteome analysis, Protein arrays and their applications	1	
15	Pharmacogenomics – role of SNP in drug response Ex. G6PD	1	

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DEPARTMENT OF GENETICS
NIZAM COLLEGE (AUTONOMOUS)
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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			**Designation: ASSITANT PROFESSOR©**
Name of the Course: GENETICS	**Semester: VI**	**Paper: 6**	**Unit 3: chromosomal and genetic defects in humans**
Paper title: HUMAN GENOME AND HUMAN GENETICS			

S. No	Topic	No. of Hours	Remarks
1	Human chromosomal disorders	1	
2	Disorders due to Autosomes and sex chromosomes:	1	
3	Abnormalities due to Chromosome number and structure	1	
4	Inborn errors of metabolism	1	
5	Amino acid metabolism (Phenylketonuria),	1	
6	Protein metabolism (Duchenne muscular dystrophy)	1	
7	Single gene disorders	1	
8	Pattern of inheritance	1	
9	Autosomal disorders:	1	
10	Dominant- Huntington's disease, Recessive-	1	
11	X-linked disorders - Recessive- DMD Hemophilia; dominant- Fragile X syndrome	1	
12	Complex disorders- Multifactorial inheritance (Diabetes mellitus, Hypertension), threshold effect	1	
13	Genetics of cancer-Types of genes- proto-oncogenes, oncogenes	1	
14	Tumour suppressor genes - Breast and Colon cancers	1	
15	Mitochondrial inheritance and associated disorders- Lebers Hereditary Optic Neuropathy, Kearns-sayers syndrome	1	

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DEPARTMENT OF GENETICS
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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: SANDHYA JAGTAP			Designation: ASSITANT PROFESSOR©
Name of the Course: GENETICS	Semester: VI	Paper: 6	Unit 4: Genetic counseling, testing and therapeutics
Paper title: HUMAN GENOME AND HUMAN GENETICS			

S. No	Topic	No. of Hours	Remarks
1	Genetic counseling and risk assessment	1	
2	autosomal dominant	1	
3	autosomal recessive	1	
4	Sex-linked inherited diseases	1	
5	Prenatal diagnosis	1	
6	invasive (Amniocentesis, Chorionic villus sampling)	1	
7	non-invasive (Ultrasonography, fetoscopy)	1	
8	New born screening (PKU),	1	
9	Pre-clinical screening- Sickle cell anemia	1	
10	Pre-clinical screening- Sickle cell anemia	1	
11	Genetic testing and screening Traditional treatment modalities- PKU, ADA	1	
12	Gene therapy: Types-somatic and	1	
13	germ line gene therapy	1	
14	Gene therapy trials: ADA deficiency	1	
15	Cystic fibrosis	1	

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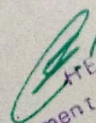
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Department of Mathematics
NIZAM COLLEGE
Teaching Plan of 2022-23

Class: B. Sc., I yr I sem   **Section: B. Sc**

Course/Paper: Differential Equations

Unit: I   **No. of Hours Allotted per Unit: 33**

Topic	Hours
Differential equations definition, Types, Different examples, Order, Degree,	1
Concept of Equations related to variable separable form with examples	2
Concept of homogeneous differential Equations with examples	2
Equations reducible to homogeneous form and problems on it	2
Concept of linear differential Equations and problems on it	2
Equations reducible to linear form and problems on it	2
Exact differential equations and proof of condition to check whether the given equation is exact or not, General solution of exact differential equations.	3
Problems based on exact differential equations.	1
Integrating Factors, Inspection Method 1, Method 2, Method 3 to find integrating factors and problems based on it.	3
Method 4, Method 5, Method 6 to find integrating factors and problems based on it.	4
Concept of changing variables and problems on it	1
Linear differential equations in x concept and problems based on it.	1
Linear differential equations in x concept and problems based on it.	1
Change in variables and problems based on it.	1
Total Differential Equations	1
Method of inspection and grouping and problems on it.	1
Method of multipliers and problems on it. Simultaneous Total Differential Equations	1
Equations of the form dx/ P = dy/ Q = dz/ R and problems based on it.	1
Problems based on the equation dx/ P = dy/ Q = dz/ R	1
Review of the previous concepts.	2

Unit: II   No. of Hours Allotted Per Unit: 18

Topic	Hours
Concept of differential equation of first order but not of first degree	1
Equation s solvable for p	2
Equation s solvable for y	2
Equation s solvable for x	2
Equations that do not contain x or y	2
Equations homogeneous in x and y	1
differential equation of first order but not of first degree with x and y having first degree only	1
Clairaut's equation and problems on it	1
differential equation of first order but not of first degree reducible to Clairaut's form and solve it	2
Application of first order differential equations-Growth and decay problems	2
Problems on tumourgrowth	1
problems on redio activity and carbon dating	1
problems on compound interest	2
problems on orthogonal trajectories	2

Unit: III   No. of Hours Allotted Per Unit: 22

Topic	Hours
Solution of homogeneous linear differential equations with constant coefficients	1
Problems on real roots and unequal roots	2
Problems on complex and irrational roots	2
Problems on particular values	1
Problems when $Q(x) = e^{ax}$	2
Problems when $Q(x) =$ Sinbx or Cosbx	2
Problems when $Q(x) = x^k$	2
Problems when $Q(x) = e^{ax} V$	2
Method of undetermined coefficients	4

Topic	Hours
Method of variation of parameters	2
Linear differential equations with non constant coefficients	2
The Cauchy – Euler Equation	2
Legender's equations	2
miscellaneous Differential equations	1
Partial Differential equations- concept and its different types	1
Formation and solution	1
Equations easily integrable	1
Elimination of arbitrary functions	2
Solution of Partial Differential equation	1
Linear equations of first order	2

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Class: B. Sc., I yr II - Sem　　　　　　　　**Section: B.Sc**

Course/Paper: Differential and Integral calculus

Unit: I　　　　　　　　　　　　　**No. of Hours Allotted: 21**

Topic	Hours
Introduction	1
Function of two variables	2
Neighbor of a point	2
continuity of function of two variables	3
Continuity at a point	3
Limit of a function of two variables	3
Partial derivatives	2
Geometrical representation	2
Homogenous functions	3

Unit: II　　　**No. of Hours Allotted: 24**

Topic	Hours
Theorem on total differentials	1
Composite functions	2
Differential composite functions	2
Implicit functions	2
Equality of two variables	2
Taylor theorem for function of two variables	2
Maxima and minima of functions of Two variables	2
Lagrange method of undetermined multipliers'	2
differential equation of first order but not of first degree reducible to Clairaut's form and solve it	2
Application of first order differential equations-Growth and decay problems	2
Problems on tumors growth	2
problems on radio activity and carbon dating	1
problems on compound interest	1
problems on orthogonal trajectories	1
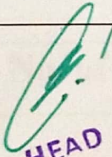
Unit: III   No. of Hours Allotted: 21

Topic	Hours
Definition of Curvature	1
Radius of curvature	1
Length of arc asa fuction	2
Derivative of arc	2
Radius of curvature	2
Casterian equations	2
Newton method	2
Centre of curvature	2
Evolutes an involutes	1
Properties of evolutes	1
One parameter family of curves	2
Family of straight lines	2
Determination of envelops	1

Unit: IV   No. of Hours Allotted: 14

Topic	Hours
Expressionfor the length of curves y=f(x)	2
Expression volume obtained by revolving about either axis	2
Expression volume obtained by revolving about any line	2
Area of the surface of the frustum of the cone	2
Expression for the surface of revolvtion	2
Pappus theorems	2
Surface of revolution	2

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Lesson Plan 2022-23

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Class: B.Sc II yr III- sem
Course/Paper: Real Analysis

Unit: I	No. of Hours Allotted: 28	
Topic		**Hours**
Introduction to Real numbers		2
Sequences and their Limits		2
Problems on sequence and their limits		4
Theorems on Limits of sequence		2
Problems discussion		4
Monotone Sequences and examples		1
Theorem on Monotone Sequences and examples Problems		2
The Cauchy Criterion		1
Properly Divergent Sequences		2
Problems discussion		2
Cauchy's first and second theorem		2
Problems discussion		4

Unit: II	No. of Hours Allotted: 20	
Topic		**Hours**
Introduction to subsequence		1
Problems discussion		2
Limit superior		1
Problems discussion		2
Limit inferior		1
Problems discussion		2
Introduction to series		2
Theorems on series		2
Alternating series and theorem on it		2
Problems discussion		3
Integral tests and problems on it		2

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Unit: III	No. of Hours Allotted: 20	
Topic		**Hours**
Sequences and series of functions introduction		2
Problems on sequence of functions		1
Problems on series of functions		1
Definition of Uniform Convergence Sequences and series of functions and examples on it		2
Theorems on Uniform Convergence for Sequences and series continuity of functions		3
Problems on Uniform Convergence for Sequences and series continuity of functions		2
Theorems on Uniform Convergence for Sequences and series differentiable functions		3
problems on Uniform Convergence for Sequences and series differentiable functions		2
Theorems on Uniform Convergence for Sequences and series of integrable functions		2
Problems on Uniform Convergence for Sequences and series of integrable functions		2
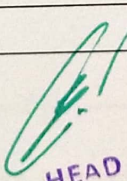
Unit: IV	No. of Hours Allotted: 22	
Topic		**Hours**
The Riemann Integral		2
Riemann Integrable Functions		2
Problems discussion		2
Properties of Riemann Integral		3
Problems discussion		4
The Fundamental Theorem of integral Calculus		1
Theorems on Riemann Integrals		4
Problems discussion		4

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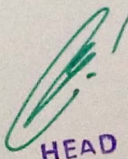**Class: B.Sc II yr IV- sem**
Course/Paper: Algebra

	No.of Hours allotted
Unit-1	27
Binary Operations	2
Definition and Properties	2
Tables	2
Groups: Definition and Elementary Properties	2
Problems discussion	1
Finite Groups and Group Tables	2
Problems discussion	1
Subgroups: Subsets and Subgroups	2
Problems discussion	1
Cyclic Subgroups	2
Problems discussion	1

	No.of Hours allotted
Unit-2	20
Groups of Coset	2
Cosets, Applications	2
Normal Subgroups and Factor Groups	2
Factor groups Criteria for the Existence of a Cosets in Group,	2
Inner Automorphisms and Normal subgroups	2
Factor Groups	2
Problems discussion	1
Simple groups	2
Problems discussion	1
cyclic group and its properties	2
Problems discussion	1
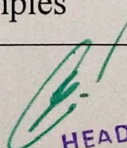
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Unit: III	No. of Hours Allotted: 25	
Topic		**Hours**
Definitions and basics properties, Fields and examples on it		2
Basic results on field		2
The concept of division ring and examples on it		1
Concept Integral domains, zero divisors of ring, Integral domains Examples in it		2
Theorems on Integral domains, ,		2
Cancellation laws holds in Integral domain, division ring and Field.		1
Concept of the characteristic of a ring and examples		1
Theorems on the characteristic of a ring		2
some non-commutative rings, Examples, Matrices over a field		2
Definations of Isomorphism, Automorphism of rings and examples		2
Definition of principle ideal and examples		1
Results on principle ideals		1
Definition of prime ideal and examples		1
Theorems on prime ideals		2
Definition of maximal ideal and examples		1
Theorems on maximal ideals		2
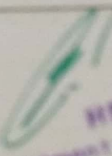
Unit: IV   **No. of Hours Allotted: 18**

Topic	**Hours**
Definition of Homomorphism of Rings , Kernel of Homomorphism of Rings and examples	2
Basic results on Homomorphism of Rings, Kernel of Homomorphism of Rings	2
Definations of Isomorphism, Automorphism of rings and examples	2
Form of Quotient ring and examples	1
Definition of principle ideal and examples	1

Results on principle ideals	1
Definition of prime ideal and examples	1
Theorems on prime ideals	1
Definition of maximal ideal and examples	1
Theorems on maximal ideals	1
Definition of Rings of Polynomials in an indeterminate form and examples	1
Problems Discussion	4

Class: B. Sc., III yr V- Sem   Section: B.Sc

Course/Paper: Linear Algebra

Unit: I   No. of Hours Allotted: 35

Topic	Hours
Introduction to Vector Space	1
Definition of Vector Space and Examles on it	2
Ttheorems on Vector Space	2
Definition of subspace and examples on it	2
Ttheorems on subspaces	2
Definition of null space and examples on it	1
Theorems on null space	2
Definition of column space and examples on it	1
Theorems on column space	3
Concept of Linear Transformation/ Operators on vector space and examples on it	2
Some basic results on Linear Transformation from vector space to vector space.	2
Definition of a Linear Combinations of Vectors and Span of set of vectors in Vector Space and examples on it	2
Definitions of Linear Dependence, Linear Independence of set of vectors in Vector space some examples on it	2
Some results on Linear Dependence, Linear Independence of set of vectors in Vector space	4
Concept of Basis , Dimension, Dimension of Vector Space , Subspace and examples on it	3
Definition and problems on coordinate system	2
theorems on Basis , Dimension, Dimension of Vector Space	4

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Unit: II

Topic	Hours
Concept of rank of a matrix and examples	2
Rank theorem	2
Problems on Rank theorem	3
Concepts of Change of basis and problems on it	2
Theorems on Change of basis	4
Concept of eigen values problems on it.	2
Concept of eigen vectors problems on it.	3
Theorems on eigen values and eigen vectors	3
The concepts of characteristic equation and problems on it	3

Unit: III

Topic	Hours
The concept of diagonalization and problems on it	2
Theorems on diagonalization	2
Concept of eigen vectors and linear transformation with examples	3
Concept of complex eigen values with examples	3
Application of vector space to differential equations	4
Introduction to Inner Product Space and examples on it	2
Norm or Length of a Vector and problems on it	1
Theorems on Pythegorean , Schwartz Inequality and parallelograms law ,Problems on them	3
Definitions of Orthogonality of vectors in an inner product space and examples	2
Definitions of Orthogonal set and Orthonormal set of vectors in an inner product space and examples	3
Theorems on Bessel's inquality and parsvel identity	3
Concept of least square with example	3

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Lesson Plan 2022-23

Course: NUMERICAL ANALYSIS
Class: B.Sc., - VI – Sem

Unit: I   **No. of Hours Allotted: 18**

	Topic	No.of Hours
1	Introduction to Numerical Analysis	2
2	Numbers and their accuracy	2
3	Errors and their Computation	2
4	Absolute, Relative and Percentage,	2
5	General error Formulae	2
6	Error in a series approximation	2
7	Solution of Algebraic and Transcendental Equations	2
8	Problems on Algebraic and Transcendental Equations	1
9	Bi-Section Method, Iteration Method	2
10	Problems on Bi-Section Method, Iteration Method	1

Unit: 2   **No. of Hours Allotted: 15**

	Topic	No.of Hours
1	Solution of Algebraic and Transcendental Equations	2
2	Problems on Algebraic and Transcendental Equations	1
3.	by Method of false position	2
4	Problems on method	1
5	Newton-Rophson Method	2
6	Problems on methods	1
7	Generalized Newton's method	2
8	Problems on Newton's method	1
9	Mullers Method	2
10	Problems	1

Unit: 3 No. of Hours Allotted: 18

	Topic	No.of Hours
1	Errors in Polynomial interpolation	2
2	Forward differences	2
3	Backward differences	2
4	Central differences	2
5	Symbolic relations	2
6	detection of errors by using difference tables	2
7	Newton's Interpolation formulae	2
8	Guass Central difference formulae	2
9	Stirling's formulae	2

Unit: 4 No. of Hours Allotted: 24

	Topic	No.of Hours
1	Interpolation with unevenly spaced points	2
2	Problems on method	2
3	Lagrange's interpolation formulae	2
4	Problems on method	1
5	error in Lagrange's formulae	2
6	Newton's Divided Differences and their properties	1
7	Problems on method	2
8	Curve fitting	2
9	Problems on method	1
10	Squares curve fitting procedures	2
11	Problems on method	1
12	fitting a straight line	2
13	nonlinear curve fitting	2
14	curve fitting by a sum of exponentials.	2

Course: Basic Maths (G.E)

Class: Final Year V Semester

Paper –
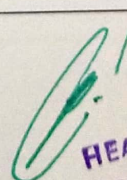
Unit: I   **No. of Hours Allotted: 10**

S.No	Topic Name	Number Hrs
1	Number and Letter Series	2
2	Coding & Decoding	2
3	Blood Relations	2
4	Direction Sense	2
5	Time & Work	1
6	Trains	1

Unit: II   **No. of Hours Allotted: 8**

S.No	Topic Name	Number Hrs
1	Clocks	1
2	Calendars	1
3	Odd Man Out	1
4	Data Analysis pie charts	1
5	Data Analysis Histograms	1
6	Data sufficiency	1
7	Problems solving by substitutions	1
8	Sets and Venn diagrams	1

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Class: B.Sc. II Yr   III-sem

Course/Paper: Theory of equations – SEC -1

Unit: I   **No. of Hours Allotted: 12**

Topic	Hours
Graphic representation of a Polynomial	1
Maxima and minima values of a Polynomial	1
Problems on Maxima and minima values	1
Theorems on real roots of Equation	1
Existence of a root in the general equation	1
Theorem determining the No.of roots of Equation	1
Imaginary roots in pairs	1
Problems on Imaginary roots in pairs	1
Descartes rule for positive roots	1
Problems on Descartes rule for positive roots	1
Descartes rule for Negative roots	1
Problems on Descartes rule for Negative roots	1

Unit: II   **No. of Hours Allotted: 10**

Topic	Hours
Relations between the roots and coefficients concepts	1
Problems based on Relations between the roots and coefficients	1
Theorem on Relations between the roots and coefficients	1
Applications of the theorem	1

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Applications based problems	1
Depression of an equation concept	1
Problems based on Depression of an equation	1
Problems based on cube roots of unity	1
Symmetric functions concept	1
Problems based on symmetric function	1

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Course: Vector Calculus SEC - 3
Class: B.Sc., -IV – Sem

No. of Hours Allotted: 15

Unit: I

Topic	No. of Hours
	2
Introduction to line integrals	2
Problems on line integrals	2
Work done against force	2
Conservative Vector field & Problems based on it	2
Surface integrals concept	1
Problems on Surface integrals	2
Flow through a pipe	2
Applications of Surface integrals	

No. of Hours Allotted: 15

Unit: II

Topic	No. of Hours
	2
Introduction to Volume integrals	1
Evaluation of volume integrals	2
Gradient	1
Divergence and curl	2
Partial differentiation and taylor series	1
Problems on Partial differentiation and taylor series	2
Partial differentiation and taylor series in more than one variable	2
Gradient of a scalar field	1
Conservative fields and potential	1
Physical applications of gradient	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Dr.Anju Rajan			Designation : Asst Prof (PTL)	
Name of the Course:BSc	Semester:I	Paper : DSC- 1A	Unit :1	
Paper title: GENERAL MICROBIOLOGY				

No.of hours Alloted: 15

s. no	Name of the topic	No of hours required
1	Microbiology Meaning, definition and scope	1hr
2	History of microbiology	1hr
3	Contribution of Louis Pasteur	1hr
4	Robert Koch	1hr
5	Importance and application of Microbiology	1hr
6	Principles of Microscopy-Bright field	1hr
7	Dark field	1hr
8	Phase-contrast	1hr
9	Fluorescent	1hr
10	Electron microscopy SEM and TEM	1hr
11	Principles of staining	1hr
12	Simple stain, Differential stain, Negative stain	1hr
13	Structural stain-spore ,Flagella ,Capsule	1hr
14	Bacterial motility	1hr
15	Hanging drop method	1hr

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Dr. Anju Rajan		**Designation : Asst Prof (PTL)**	
Name of the Course:BSc	**Semester:I**	**Paper : DSC- 1A**	**Unit :2**
Paper title: GENERAL MICROBIOLOGY			

No.of hours Alloted: 15

s. no	Name of the topic	No of hours required
1	Classification of living organisms; Haeckel	1hr
2	Whittaker and Carl Woese systems	1hr
3	Differentiation of prokaryotes and eukaryotes	1hr
4	Ultra structure of eubacteria	1hr
5	Archaea bacteria	1hr
6	Rickettsia, Mycoplasma	1hr
7	Cyanobacteria and Actinomycetes	1hr
8	Classification of bacteria as per the second edition of Bergey's manual	1hr
9	General characteristics of protozoa, microalgae	1hr
10	Molds and yeast	1hr
11	General characteristics virus	1hr
12	Classification of virus	1hr
13	Morphology and structure of HIV	1hr
14	Morphology and structure of TMV	1hr
15	Structure and multiplication of lambda bacteriophage.	1hr

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Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher:Dr. Anju Rajan			Designation :Asst Prof (PT)	
Name of the Course:BSC	Semester:I	Paper : DSC- 1A	Unit :3	
Paper title: GENERAL MICROBIOLOGY				

No.of hours Alloted: 15 .

s. no	Name of the topic	No of hours required
1	Microbial Nutrition	1hr
2	Nutritional requirement	1hr
3	Uptake of nutrients by cell	1hr
4	Nutritional groups of microorganisms	1hr
5	Autotrophs, Heterotrophs, Mixotrophs	1hr
6	Components and types of bacterial growth media	1hr
7	Simple media.	1hr
8	Complex media.	1hr
9	Respiration – Glycolysis	1hr
10	HMP Pathway	1hr
11	ED Pathway	1hr
12	TCA Cycle and Anaplerotic reaction	1hr
13	Electron Transport Chain	1hr
14	Oxidative phosphorylation	1hr
15	Substrate level phosphorylation	1hr

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LESSON PLAN FOR THE ACADEMIC YEAR: -2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Dr.Anju Rajan			Designation :**Asst Prof (PT)**
Name of the Course: BSc	Semester:1	Paper : **DSC- 1A**	Unit :4
Paper title: GENERAL MICROBIOLOGY			

No.of hours Alloted: 15

s. no	Name of the topic	No of hours required
1	Sterilization and disinfection techniques	1hr
2	Isolation of Pure culture techniques	1hr
3	Enrichment culturing	1hr
4	Dilution plating,	1hr
5	streak plate, spread plate	1hr
6	Micromanipulator.	1hr
7	Preservation of Microbial cultures –	1hr
8	Sub culturing, overlaying cultures with minerals oils	1hr
9	lyophilization, sand cultures	1hr
10	storage at low temperature	1hr
11	Microbial growth	1hr
12	Methods for measuring microbial growth – Direct Microscopic	1hr
13	Viable count	1hr
14	Turbidometry	1hr
15	Biomass	1hr

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher:Dr. Anju Rajan			Designation :Asst Prof	
Name of the Course:BSc	Semester:II	Paper :DSC 1B	Unit : 1	
Paper title: MICROBIAL DIVERSITY				

No.of hours Alloted: 15

s. no	Name of the topic	No of hours required
1	Basic concept of Biodiversity	1hr
2	What is Biodiversity	1hr
3	Why should we conserve it	1hr
4	Elements of Biodiversity	2hr
5	Ecosystem Diversity	1hr
6	Genetic Diversity	1hr
7	Species Abundance	1hr
8	Species Diversity	1hr
9	Economic Value of Biodiversity	2hr
10	Legal, and issues	1hr
11	Ethical issues	1hr
12	Conservation issues	1hr
13	Uses of biodiversity.	

Signature of the Teacher

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NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

				Designation : **Asst Prof (PTL)**
Name of the teacher: Dr. Anju Rajan				**Unit :2**
Name of the Course:BSc	**Semester: II**	**Paper :DSC 1B**		
Paper title: MICROBIAL DIVERSITY				

No.of hours Alloted: 15

s. no	Name of the topic	No of hours required
		1hr
1	Microbial richness	1hr
2	Exploration	1hr
3	Significance	1hr
4	Conservation	1hr
5	Applications	1hr
6	Structural and physiological diversity	1hr
7	Archaea bacteria	1hr
8	Cyanobacteria	1hr
9	Proteobacteria	1hr
10	Gram positives	1hr
11	Firmicutes	1hr
12	Actinobacteria Planctomycetes	1hr
13	BacteroidetesAcidobacteria	1hr
14	Metabolic characteristics of extremophiles Methanogens	1hr
15	Halophiles, thermoacidophiles	1hr

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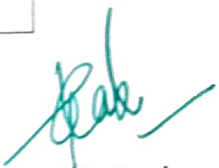## Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher:Dr Anju Rajan			Designation :**Asst Prof (PT)**
Name of the Course:BSc	**Semester:II**	**Paper :DSC 1B**	**Unit :3**
Paper title: MICROBIAL DIVERSITY			

No.of hours Alloted: 15

S. no	Name of the topic	No of hours required
1	Eukaryotic microbial diversity.	1hr
2	Structural	1hr
3	Physiological	1hr
4	Metabolic characteristics	1hr
5	Algae - Cyanophyta	1hr
6	Chlorophyta	1hr
7	Bacillariophyta	1hr
8	Phacophyta	1hr
9	Rhodophyta;	1hr
10	Fungi -Phycomycetis	1hr
11	Basidiomycetis, Zygomyetes Oomycets, Asomycetes,	1hr
12	Deuteromycetes (imperfect and perfect)	1hr
13	Protozoa - Giardia,	1hr
14	Entamoeba	1hr
15	Plasmodium	1hr

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NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher:Dr. Anju Rajan			Designation :**Asst Prof(PT)**
Name of the Course:	Semester:II	Paper :DSC-1B	Unit :4
Paper title:	MICROBIAL DIVERSITY		

No.of hours Alloted: 15

s. no	Name of the topic	No of hours required
1	Microbial interactions	1hr
2	Symbiosis,	1hr
3	Neutralism	1hr
4	Commensalism	1hr
5	Competition, , antagonism	1hr
6	Synergism,.	1hr
7	Parasitism	1hr
8	Understanding microbial diversity	1hr
9	Cultivated vs Uncultivated microorganisms	1hr
10	The Great Plate count	1hr
11	Cultivation independent methods	1hr
12	Asess microbial diversity	1hr
13	Perturbed microbial ecosystems	1hr
14	Sustainable agroecosystems	1hr
15	Human microbiome	1hr

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NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Prof Bhima Bhukya				Designation : **Principal**
Name of the Course: BSc	**Semester:III**	**Paper : DSC-1C**		**Unit : 1**
Paper title: FOOD AND ENVIRONMENTAL MICROBIOLOGY				

No.of hours Alloted: 15

Sr. no	Name of the topic	No of hours required
1	Introduction to fermented foods	1Hr
2	Health aspects of fermented foods	1hr
3	Fermented vegetables	1hr
4	Processing and fermentation of Sauerkraut	1hr
5	Processing and fermentation of Idly and Pickles	1hr
6	Types of microorganisms in milk	1hr
7	Significance of microorganisms in milk	1hr
8	Microbial products of milk	1hr
9	Diary Products	1hr
10	Bulgarian milk	1hr
11	Kefir	1hr
12	Cheese	1hr
13	Yogurt	1hr
14	Probiotics	1hr
15	Prebiotics.	1hr

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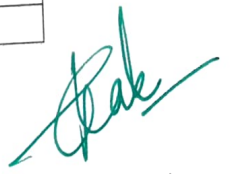
LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Prof Bhima Bhukya			**Designation** : **Pricipal**	
Name of the Course:BSc	Semester: III	Paper : : **DSC-1C**	**Unit : 2**	
Paper title: FOOD AND ENVIRONMENTAL MICROBIOLOGY				

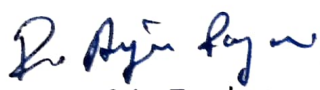| s. no	Name of the topic	No of hours required
		1Hr
1	Microbial Spoilage of foods;	1hr
2	Microbial Food poisoning	1hr
3	Risks of food poisoning	1hr
4	Hazards	1hr
5	Mycotoxins	1hr
6	Food poisoning	1hr
7	Food toxicity	1hr
8	Food preservation methods	1hr
9	food safety issues	1hr
10	Food Quality	1hr
11	Functions of quality control	1hr
12	Methods of quality assessment of foods	1hr
13	Screening of spoilage microorganisms	1hr
14	Enumeration of spoilage microorganisms	1hr
15	Detection of pathogens in food	1hr

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Dr. Anju Rajan			Designation :Asst Prof(PT)
Name of the Course:BSc	Semester:III	Paper : DSC-1C	Unit :3
Paper title: FOOD AND ENVIRONMENTAL MICROBIOLOGY			

No.of hours Alloted: 15

s. no	Name of the topic	No of hours required
1	Microorganisms in air	2Hr
2	Importance (brief account)	1hr
3	Microorganisms in water	2hr
4	Water-borne pathogenic microorganisms	1hr
5	Transmission	2hr
6	Sanitary quality of water	1hr
7	Water pollution	1hr
8	/Degradation of organic matter;	1hr
9	Aerobic sewage treatment	2hr
10	Anaerobic sewage treatment	2hr
11		
12		

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NIZAM COLLEGE (AUTONOMOUS)
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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Dr.Anju Rajan	Designation :**Asst Prof (PT)**

Name of the Course: BSc	Semester: III	Paper : **DSC-1C**	Unit : 4

Paper title: FOOD AND ENVIRONMENTAL MICROBIOLOGY

No.of hours Alloted: 15

s. no	Name of the topic	No of hours required
		1Hr
1	Soil properties physical	1hr
2	Soil properties chemical	1hr
3	Biological Properties	1hr
4	Soil microorganisms	1hr
5	Methods of enumeration	1hr
6	Activity of microbes in environment	1hr
7	Activity of microbes in soil	1hr
8	Microbes and plant interactions	1hr
9	Rhizosphere	1hr
10	Phyllosphere	1hr
11	Mycorrhizae	1hr
12	Introduction to Microbial Bioremediation	1hr
13	Microbial degradation of organic pollutants	1hr
14	Carbon Cycle.	1hr
15	Nitrogen Cycle	

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Dr. Anju Rajan			Designation : Asst Prof(PT)
Name of the Course:BSc	Semester: III	Paper : SEC	Unit : 1
Paper title: HAEMATOLOGY			

No.of hours Alloted: 15

s. no	Name of the topic	No of hours required
1	Blood: definition, characters	1Hr
2	Composition of blood	1hr
3	Collection of blood	1hr
4	Capillary blood: from adults and infants,	1hr
5	Examinations employed	1hr
6	Venous blood: from adults and infants	1hr
7	RBC, WBC	1hr
8	Plasma, Serum , Platelets	1hr
9	Staining of blood films	1hr
10	Total blood picture,	1hr
11	Differential count	1hr
12	Blood grouping, Rh-typing.	1hr
13	Haemoglobin: composition and normal values,	1hr
14	Haemoglobin estimation	1hr
15	Anti-coagulants.	1hr

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher:Dr. Anju Rajan			Designation :Asst Prof (PTL)
Name of the Course:BSc	Semester: III	Paper : SEC	Unit :2
Paper title: HAEMATOLOGY			

No.of hours Alloted: 15

s. no	Name of the topic	No of hours required
1	Principles of blood transfusion	1Hr
2	Donor screening – cross matching	1hr
3	Collection of blood	1hr
4	Preservation and storage	1hr
5	Precautions of handling blood and it's products	1hr
6	Challenges in management of Hemophilia	1hr
7	Challenges in management of Anaemia	1hr
8	General account on spread of diseases through blood	1hr
9	Blood products	1hr
10	Coagulation mechanism: factors	1hr
11	Bleeding time, clotting time	1hr
12	Haematological indices:	1hr
13	Packed cell volume	1hr
14	Erythrocyte sedimentation	1hr
15	Principle – determination	1hr

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NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Dr.Anju Rajan			**Designation :** Asst Prof (PTL)
Name of the Course: BSc	**Semester:** IV	**Paper :** DSC-1D	**Unit :** 1
Paper title: MEDICAL MICROBIOLOGY& IMMUNOLOGY			

No.of hours Alloted: 15

s. no	Name of the topic	No of hours required
1	History of Medical Microbiology	1Hr
2	Normal flora of human body,	1hr
3	Host pathogen interactions	1hr
4	Bacterial toxins	1hr
5	Virulence	1hr
6	Attenuation	1hr
7	Antimicrobial resistance	1hr
8	Air borne diseases	1hr
9	Tuberculosis	1hr
10	Cholera	1hr
11	Typhoid	1hr
12	Contact diseases	1hr
13	Syphilis	1hr
14	Gonorrhea	1hr
15	General account of nosocomial infections.	1hr

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

			Designation :**Asst Prof (PT)**
Name of the teacher:Dr Anju Rajan			
Name of the Course:BSc	**Semester:IV**	**Paper : DSC-1D**	**Unit :2**
Paper title: MEDICAL MICROBIOLOGY& IMMUNOLOGY			

No.of hours Alloted: 15

S. no	Name of the topic	No of hours required
1	Food diseases	1Hr
2	Waterborne diseases	1hr
3	Poliomyelitis	1hr
4	Amoebiasis	1hr
5	Insect borne diseases	1hr
6	Malaria	1hr
7	Dengue fever	1hr
8	Zoonotic diseases	1hr
9	Rabies	1hr
10	Viral diseases	1hr
11	Hepatitis B	1hr
12	HIV	1hr
13	SARS	1hr
14	MERS	1hr
15	Air borne diseases- Influenza	1hr

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NIZAM COLLEGE (AUTONOMOUS)

Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher:Dr Anju Rajan			Designation :Asst Prof (PT)	
Name of the Course:	Semester: I V	Paper : DSC-1D	Unit :3	
Paper title: MEDICAL MICROBIOLOGY& IMMUNOLOGY				

No.of hours Alloted: 15

s. no	Name of the topic	No of hours required
1	History of immunology	1Hr
2	Cells and organs of immune system	1hr
3	Primary and Secondary lymphoid	1hr
4	Functions of B&T Lymphocytes	1hr
5	Natural killer cells	1hr
6	Polymorphonuclear cells	1hr
7	Structure of Antigens	1hr
8	Classification of Antigens	1hr
9	Factors affecting antigenicity	1hr
10	Antibodies-Basic structure	1hr
11	Types,properties	1hr
12	Functions of immunoglobulins	1hr
13	Types of immunity-Innate and Acquired	1hr
14	Humoral and cell mediated immune response	1hr
15	Major Histocompatibility Complex- Class I and II	1hr

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NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Dr. Anju Rajan	**Designation : Asst Prof (PT)**

Name of the Course:BSc	Semester:IV	Paper : DSC-1D	Unit :4

Paper title: MEDICAL MICROBIOLOGY& IMMUNOLOGY

No.of hours Alloted: 15

s. no	Name of the topic	No of hours required
1	Types of hypersensitivity	1Hr
2	Immediate and delayed	1hr
3	Systemic autoimmune disorders	1hr
4	Localized autoimmune disorders	1hr
5	Complement pathways	1hr
6	Classical and Alternate	1hr
7	Types of Antigen-Antibody reactions	1hr
8	Agglutination	1hr
9	Blood groups	1hr
10	Precipitation	1hr
11	Neutralization	1hr
12	Complement fixation test	1hr
13	Labeled antibody based techniques-ELISA,RIA	1hr
14	Immunofluorescence	1hr
15	Polyclonal and monoclonal antibodies production and application	1hr

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NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Prof Bhima Bhukya			Designation : Principal
Name of the Course:BSc	Semester:IV	Paper : SEC-3	Unit : 1
Paper title: MUSHROOM CULTIVATION			

No.of hours Alloted: 15

s. no	Name of the topic	No of hours required
1	Introduction to mushroom cultivation	2hr
2	Importance of mushroom cultivation in India	2hr
3	History of mushroom	2hr
4	Cultivation in India	1hr
5	Global status of mushroom production	2hr
6	Edible mushrooms	1hr
7	White button oyster	1hr
8	Paddy straw	1hr
9	Nutritional value	1hr
10	Health benefits of mushrooms	2hr
11		
12		

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NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Dr. Anju Rajan			Designation :Asst Prof
Name of the Course:BSc	Semester: IV	Paper : SEC-3	Unit : 2
Paper title: MUSHROOM CULTIVATION			

No.of hours Alloted: 15

s. no	Name of the topic	No of hours required
1	Steps in mushroom cultivation	1Hr
2	Selection of site and types of mushroom	1hr
3	Mushroom farm structure	1hr
4	Design layout	1hr
5	Principle	1hr
6	Techniques of compost	1hr
7	Composting	1hr
8	Principle of spawn production	1hr
9	Casing	1hr
10	Crop production	1hr
11	Harvesting	1hr
12	Marketing	1hr
13	Entrepreneurship development in Mushroom cultivation	1hr
14	Pest and pathogens of mushrooms	1hr
15	Post harvest handling and preservation of mushrooms	1hr

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NIZAM COLLEGE (AUTONOMOUS)

Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)

DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Dr. Anju Rajan Dr. Chand Pasha			Designation : **Asst. Prof. PTL**
Name of the Course: B.Sc. III	Semester: V	Paper : GE	Unit : I
Paper title: **Microbiology and Human Health**			

No. of hours Alloted: 15

S. no	Topics to be covered	No. of Hours
1	Historic developments of Microbiology	2
2	Contributionsof Van Leeuwenhoek	1
3	Edward Jenner	2
4	Louis Pasteur	1
5	Robert Koch	2
6	Types of microorganisms	1
7	Morphological characteristics of bacteria	1
8	Staining.	1
9	cultivation methods of bacteria	2
10	Culture Media used for the growth of microrganisms	2

Name of the Teacher

Dr Chand Pasha

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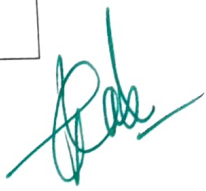## LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Dr. Anju Rajan			Designation : Asst. Prof. PTL
Name of the Course: B.Sc. III	Semester: V	Paper : GE	Unit : II
Paper title: Microbiology and Human Health			

No.of hours Alloted: 15

S. No	Topics to be covered	No. of Hours
1	Microorganisms related to human health	1
2	Normal microbial flora	1
3	Human microbiome concept	1
4	Bacterial disease: Typhoid	2
5	Bacterial disease: Tuberculosis,	1
6	Bacterial disease Syphilis	1
7	Viral diseases: Flu	1
8	SARS	1
9	MERS	1
10	SARS-CoV-2	2
11	HIV	1
12	Insect borne: Malaria and Dengue	2

Name of the Teacher

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NIZAM COLLEGE (AUTONOMOUS)

Osmania University,Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)

DEPARTMENT OF MICROBIOLOGY

Name of the teacher: **Dr. Chand Pasha**			Designation : **Asst. Prof.**
Name of the Course: B.Sc. III	Semester: V	Paper : GE	Unit : III
Paper title: **Microbiology and Human Health**			

No.of hours Alloted: 15

S. No	Topics to be covered	No. of Hours Required
1	Introduction to immune system	2
2	Understanding the terms: Disease	1
3	Infection	1
4	Pathogenicity	1
5	Prophylaxis	1
6	Host resistance	1
7	Innate immunity	2
8	Acquiredimmunity	1
9	Epidemics	1
10	Endemics and Pandemics	1
11	Importance of probiotics	2
12	vaccines for human health	1

Name of the Teacher

Dr. Chand Pasha

Signature of Head

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)

DEPARTMENT OF MICROBIOLOGY

Name of the teacher: **Dr. Chand Pasha**	Designation : **Asst. Prof.**
Name of the Course: **B.Sc. III** Semester: **V** Paper : GE	**Unit : IV**
Paper title: **Microbiology and Human Health**	

No.of hours Alloted: 15

S. No	Topics to be covered	No. of Hours Required
		1
1	Health hazards	
2	Health hazards associated with dumpage of Industrial	2
3	Biomedical waste	1
4	National guidelines for the disposal of waste	2
5	International guidelines for the disposal of waste	1
6	Guidelines CPCB	1
7	Guidelines of Central Pollution Control Board (CPCB)	2
8	Safe disposal and pretreatment of wastes	1
9	Mechanical treatment of the waste	1
10	Chemical treatment of the waste	1
11	Autoclaving,	1
12	Incineration	1

Name of the Teacher

Dr. Chand Pasha

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LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: **Dr. Chand Pasha**	Designation : **Asst. Prof.**

Name of the Course: **B.Sc. III**	Semester: **V**	Paper : **DSE-I**	Unit : **I**
Paper title: **Molecular Biology & Microbial Genetics**			

No.of hours Alloted: 15

S. No	Topics to be covered	No. of Hours Required
		1
1	Fundamentals of Genetics	
2	Mendelian laws,	2
3	Alleles	1
4	Crossing over and	1
5	Linkage	1
6	DNA as genetic material	1
7	RNA as genetic material	1
8	Structure of DNA – Watson and Crick model	2
9	Extra chromosomal genetic elements	1
10	Plasmids	1
11	Transposons	1
12	Replication of DNA- Semi conservative mechanism	2

Name of the Teacher

Dr. Chand Pasha

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 NIZAM COLLEGE (AUTONOMOUS)

Osmania University,Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)

DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Dr. Chand Pasha	Designation : **Asst. Prof.**

Name of the Course: B.Sc. III	**Semester: V**	**Paper : DSE-I**	**Unit : II**	

Paper title: Molecular Biology & Microbial Genetics

No.of hours Alloted: 15

S. No	Topics to be covered	No. of Hours Required
		1
1	Mutations	1
2	Spontaneous and induced	1
3	Base pair changes, Frameshift	1
4	Deletion, Inversion	1
5	Tandem duplication,	1
6	Insertion	1
7	Various physical and chemical mutagens	1
8	Outline of DNA damage	1
9	Outline of DNA damage and repair mechanism	1
10	Brief account on gene transfer among bacteria	1
11	Transformation,	1
12	Transduction	2
13	Conjugation	2

Name of the Teacher

Dr Chand Pasha

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LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)

DEPARTMENT OF MICROBIOLOGY

				Designation : **Asst. Prof. Head**
Name of the teacher: **Dr. Chand Pasha**				**Unit : III**
Name of the Course: **B.Sc. III**	Semester: **V**	Paper : **DSE-l**		
Paper title: **Molecular Biology & Microbial Genetics**				

No.of hours Alloted: 15

S. No	Topics to be covered	No. of Hours Required
		2
1	Concept of gene – Muton, Recon and Cistron	1
2	One gene – one enzyme ,	1
3	One gene – one Poly peptide	1
4	One gene – one product hypothesis	1
5	Types of RNA and their functions	1
6	Outline of RNA transcription in Prokaryotes	1
7	Genetic code	1
8	Structure of Ribosomes	1
9	Brief account on protein synthesis	1
10	Type of genes – Structural,	1
11	Constitutive, Regulatory	1
12	Operon concept	1
13	Regulation of gene expression in bacteria – Lac Operon	2

Name of the Teacher

Dr Chand Pasha

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NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: **Dr. Chand Pasha**			Designation : **Asst. Prof. Head**
Name of the Course: **B.Sc. III**	Semester: **V**	Paper : DSE-I	Unit : **IV**
Paper title: **Molecular Biology & Microbial Genetics**			

No.of hours Alloted: 15

S. No	Topics to be covered	No. of Hours Required
1	Basic principles	1
2	Basic principles of genetic engineering	1
3	Restriction endonucleases	1
4	DNA polymerases	1
5	Ligases	1
6	Vectors	2
7	Outline of gene cloning methods	2
8	Genomic DNA libraries	1
9	cDNA libraries	1
10	General account on application of genetic engineering in industry	2
11	Agriculture	1
12	Medicine	1

Name of the Teacher

Dr. Chand Pasha

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NIZAM COLLEGE (AUTONOMOUS)

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LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)

DEPARTMENT OF MICROBIOLOGY

Name of the teacher: **Dr. Chand Pasha**	Designation : **Asst. Prof. Head**
Name of the Course: **B.Sc. III** Semester: **V** Paper : **DSE-II**	**Unit : I**
Paper title: **MICROBIAL OMICS**	

No.of hours Alloted: 15

S. No	Topics to be covered	No. of Hours Required
1	Introduction to molecular biology	1
2	Structure of DNA,	1
3	Structure of RNA	1
4	Multi omics approach for analysis of Microbial biology	1
5	Genomics,	1
6	Transcriptomics (RNA-Seq)	2
7	Proteomics	2
8	Metabolomics,	1
9	Metagenomics and their applications	1
10	Basic Concepts in high throughput sequencing	2
11	Next- Generation Sequencing methods for use in food-microbiology	1
12	diagnostics and Human health	1

Name of the Teacher

Dr. Chand Pasha

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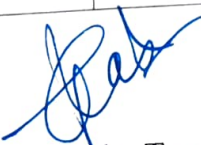Osmania University,Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: **Dr. Chand pasha**			Designation : **Asst. Prof. Head**
Name of the Course: **B.Sc. III**	Semester: **V**	Paper : **DSE-II**	**Unit : II**
Paper title: **MICROBIAL OMICS**			

No.of hours Alloted: 15

S. No	Topics to be covered	No. of Hours Required
1	Protein structure	1
2	Different levels of protein structure	1
3	Protein Folding	2
4	Protein Folding and unfolding	1
5	Protein secondary structure	1
6	3D structure prediction methods	2
7	X-ray crystallography,	1
8	NMR and homology modelling	1
9	Protein micro arrays- Protein Markers	1
10	Clinical Proteomics	1
11	Protein engineering	1
12	Proteomic strategies in Cancer	1
13	Prions.	1

Name of the Teacher

Dr. Chand Pasha

Signature of Head

NIZAM COLLEGE (AUTONOMOUS)
Osmania University,Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: **Dr. Chand Pasha**				Designation : **Asst. Prof. Head**
Name of the Course: B.Sc. III	Semester: V	Paper : DSE-II		Unit : III
Paper title: **MICROBIAL OMICS**				

No.of hours Alloted: 15

S. No	Topics to be covered	No. of Hours Required
1	An introduction of functional genomics	1
2	Site-directed mutagenesis	2
3	Transposon mutagenesis	1
4	DNA microarray	1
5	RNA interference	1
6	Chromatin immune precipitation	1
7	Genome annotation	1
8	Applications of functional genomics in vaccine	2
9	Applications of functional genomics in drug designing	1
10	Genome editing tools such as CRISPR	1
11	Genome editing tools such as Cas9	1
12	Databases of Microbial Genomics	1
13	Microbial genome projects	1
	Total No. of Hours	15 hrs

Name of the Teacher

Dr. Chand Pasha

Signature of Head

NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)
DEPARTMENT OF MICROBIOLOGY

		Designation : **Asst. Prof. Head**
Name of the teacher: Dr. Chand Pasha		**Unit : IV**
Name of the Course: B.Sc. III **Semester: V** **Paper : DSE-II**		
Paper title: MICROBIAL OMICS		

No.of hours Alloted: 15

S. No	Topics to be covered	No. of Hours Required
		1
1	Introduction to Bioinformatics	1
2	Molecular Databases	1
3	Primary Databanks – NCBI	1
4	EMBL,	1
5	DDBJ	1
6	Secondary Databases – UNIPROT	1
7	Structural Database –PDB	1
8	Database similarity search (FASTA, BLAST)	2
9	Alignment: Pairwise and Multiple sequence alignment	1
10	Whole genome sequence	1
11	Genome Annotation and Gene Prediction	1
12	Primer Designing	1
13	Phylogenetic analysis	1
14	Phylogenetic Tree construction	1

Name of the Teacher

Dr Chand Pasha

Signature of Head

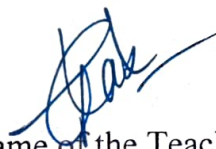NIZAM COLLEGE (AUTONOMOUS)
Osmania University,Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: **Dr. Chand Pasha**			Designation : **Asst. Prof. Head**
Name of the Course: **B.Sc. III**	Semester: **VI**	Paper : **DSE-2A**	Unit : **I**
Paper title: **INDUSTRIAL MICROBIOLOGY**			

No.of hours Alloted: 15

S. No	Topics to be covered	No. of Hours Required
1	Introduction to Industrial Microbiology	1
2	Microorganisms of industrial importance	1
3	Yeast,	1
4	Microorganisms of industrial importance	2
5	Molds,	1
6	Bacteria,	1
7	Actinomycetes	1
8	Screening of industrially useful microbes	1
9	selection of industrially useful microbes	1
10	Steps to maintain seed culture	1
11	Inoculation strategies for enhanced product yield	1
12	Strain improvement strategies	1
13	Immobilization methods – adsorption	1
14	Entrapment	1

Name of the Teacher

Dr. Chand Pasha

Signature of Head

NIZAM COLLEGE (AUTONOMOUS)
Osmania University,Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: **Dr. Chand Pasha**			Designation : **Asst. Prof. Head**
Name of the Course: B.Sc. III	Semester: VI	Paper : DSE-2A	Unit : II
Paper title: **INDUSTRIAL MICROBIOLOGY**			

No.of hours Alloted: 15

S. No	Topics to be covered	No. of Hours Required
1	Design of bioreactor	1
2	Physico-chemical standards used in bioreactors Limitations of bioreactor	2
3	Fermentation equipment and its use	1
4	Design of fermentor,	2
5	Type of fermenter,	1
6	agitation, aeration,	1
7	Antifoam, pH and temperature control	1
8	Stages of fermentation process	1
9	Inoculation media	1
10	fermentation media	1
11	Raw materials used in fermentation industry and their processing	2
12	Downstream processing	1
	Total No. of Hours	15 hrs

Name of the Teacher

Dr Chand Pasha

Signature of Head

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)
DEPARTMENT OF MICROBIOLOGY

Name of the teacher: Dr. Chand Pasha			Designation : **Asst. Prof. Head**
Name of the Course: B.Sc. III	**Semester: VI**	**Paper : DSE-2A**	**Unit : III**
Paper title: INDUSTRIAL MICROBIOLOGY			

No.of hours Alloted: 15

S. No	Topics to be covered	No. of Hours Required
1	Types of fermentations	1
2	Batch,	1
3	Fed batch,	1
4	Continuous types and kinetics	1
5	Submerged, surface	1
6	Solid state,	1
7	dual and multiple fermentations	1
8	Advantages of solid substrate fermentations	1
9	Disadvantages of solid substrate fermentations	1
10	Advantages and disadvantages of liquid fermentations	1
11	Fermentation. Common Microbial fermentation,	2
12	alcohol fermentation	1
13	Common Microbial fermentation,	1
14	Lactic acid fermentation	1

Name of the Teacher

Dr. Chand Pasha

Signature of Head

NIZAM COLLEGE (AUTONOMOUS)
Osmania University,Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR 2022-23)
DEPARTMENT OF MICROBIOLOGY
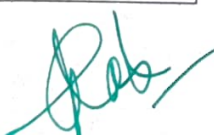
Name of the teacher: **Dr. Chand Pasha**			Designation : **Asst. Prof. Head**	
Name of the Course: **B.Sc. III**	**Semester: VI**		**Paper : DSE-2A**	**Unit : IV**
Paper title: **INDUSTRIAL MICROBIOLOGY**				

No.of hours Alloted: 15

S. No	Topics to be covered	No. of Hours Required
1	Industrial products derived from microbes	1
2	Vitamins: B12	1
3	Vaccines: recombinant vaccines	2
4	production of beverages (wine)	1
5	production of beverages (beer)	1
6	Biofuels (biogas and methane),	1
7	Enzymes(amylase)	1
8	Antibiotics(penicillin)	2
9	Aminoacids (glutamic acid),	1
10	Organic acid (citric acid)	2
11	Disposal of industrial waste	2

Name of the Teacher

Dr. Chand Pasha

Signature of Head

NIZAM COLLEGE: DEPARTMENT OF PHYSICS

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester II)

Class: BSc-1 Year   **Semester: I**

Subject: Physics

Paper Title: Mechanics & Oscillations

No. of Hours Allotted: 60

Topics to be covered	No. of Hours
Unit- I: Vector Analysis	No. of Hours Alloted: 15
Scalar and Vector Fields	1
Gradient of Scalar Field & its Physical Significance	1
Divergence of a Vector Field & Related Problems	1
Curl of a Vector Field & Related Problems	2
Vector Integration: Line Integral and Surface Integral	2
Volume Integral& Related Problems	2
Stokes Theorem& Related Problems	2
Gauss Theorem& Related Problems	2
Greens Theorem & Simple Applications	2
Total	**15**
UNIT-II:Mechanics of Particles and Mechanics of Rigid Bodies	15
Laws of Motion&Motion of Variable Mass System	1
Motion of Rocket & Multistage Rocket	2
Conservation of Energy amd Momentum	1
Collision in Two& Three Dimensions	2
Concept of Impact Parameter&Scattering Cross Section	2
Motion of a Rigid Body	1
Rotational Kinematics Relations	1
Equation of motion for a Rotating Body	1
Angular Momentum & Inertial Tensor	1
Euler's·Equation, Precession of a Top	2
Gyroscope	1
Total	**15**

Unit- III: Central Forces & Special Theory of Relativity	No. of Hours Alloted: 15
Central Forces – Conservative nature of Central Forces	1
Conservative Force as a negative gradient of Potential Energy	1
Equation of motion under a Central Force	1
Gravitational Potential & Gravitational Field	1
Motion Under Inverse Square Law	1
Derivation of Kepler's Laws	2
Corolios Force & its expressions	1
Galelien Relativity, Absolute Frames	1
Michelson-Moreley Experiment	1
Postulates of Special Theory of Relativity, Lorentz Transformation	2
Time Dilation, Length Contraction	1
Addition of velocities	1
Concept of Four Vector Formalism	1
Total	15
UNIT-IV:	**15**
Simple harmonic oscillator and solution of the differential equation	2
Physical characteristics of SHM	1
Torsion pendulum and measurement of rigidity modulus	1
Compound pendulum and measurement of 'g'	1
Combination of two mutually perpendicular simple harmonic vibrations of same and different frequencies.	2
Lissajous figures	1
Damped harmonic oscillator, solution of the differential equation of damped oscillator	2
Energy considerations, logarithmic decrement, relaxation time, quality factor	2
Differential equation of forced oscillator and its solution	2
Amplitude resonance, Velocity resonance	1
Total	15

Name of the Teacher: Mr. A. Laxman   Head, Department of Physics

Signature: _Alaxman_   Signature:

NIZAM COLLEGE: DEPARTMENT OF PHYSICS
LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023

Class: BSc-I Year   **Semester: II**

Subject: Physics

Paper Title: Thermal Physics

No. of Hours Allotted: 60

Topics to be covered	No. of Hours
Unit- I: Kinetic theory of gases & Thermodynamics	**No. of Hours Alloted: 15**
Inroduction – Deduction of Maxwell's law of distribution of molecular speeds	2
Transport Phenomena - Viscosity of gases	2
Thermal Conductivity - Diffusion of Gases	2
Basics of Thermodynamics – Carnot Engine (qualitative), Carnot's Theorem	2
Kelvin's and Clausius Statements	1
Thermodynamics Scale of Temperature – Entropy, Physical Significance	1
Change in Entropy in reversible and irreversible processes	1
Entropy and Disorder – Entropy of Universe	1
Temperature- Entropy (T-S) diagram	1
Change of entropy of a perfect gas-Change of entropy when ice changes into steam	
Total	**15**
Unit- II: Thermodynamic Potentials and Maxwell's equations; Low Temperature Physics	**No. of Hours Alloted: 15**
Thermodynamic Potentials - Derivation of Maxwell's thermodynamic relations	1
Clausius-Clayperon's equation –Derivation for ratio of specific heats	2
-Derivation for difference of two specific heats for perfect gas.	1
Joule Kelvin effect-expression for Joule Kelvin coefficient for perfect and Vanderwaal's gas.	2
Joule Kelvin effect – Liquefaction of gas using porous plug experiment.	1
Joule expansion – Distinction between adiabatic and Joule Thomson expansion	1
Expression for Joule Thomson cooling	1
Liquefaction of helium, Kapitza's method	2
Adiabatic demagnetization	1
Production of low temperatures –	1
Principles of refrigeration -Vapour compression type	2
Total	**15**

Unit- III: Quantum theory of radiation	No. of Hours Alloted: 15
Black body – Ferry's black body – distribution of energy in the spectrum of Black body	2
Wein's displacement law, Wein's law, Rayleigh-Jean's law	2
Quantum theory of radiation – Planck's law	3
Deduction of Wein's law, Rayleigh-Jean's law, Stefan's law from Planck's law	2
Measurement of radiation using pyrometers-Disappearing filament optical pyrometer – experimental determination	2
Angstrom pyro heliometers –determination of solar constant	2
Effective temperature of Sun.	2
Total	15

UNIT-IV: Statistical Mechanics	No. of Hours Alloted: 15
Introduction, postulates of Statistical Mechanics	2
Phase space, concept of ensembles and some known ensembles	2
Classical and quantum statistics and their differences	2
Concept of probability	1
Maxwell-Boltzmann's distribution law	2
Molecular energies in an ideal gas	1
Maxwell-Boltzmann's velocity distribution law	2
Bose- Einstein Distribution law	2
Comparison of three distribution laws.	1
Total	**15**

Name of the Teacher: Mr. A. Laxman

Head, Department of Physics

Signature:

Signature:

NIZAM COLLEGE: DEPARTMENT OF ELECTRONICS
LESSON PLAN FOR THE ACADEMIC YEAR 2023-2024
Semester- III

Class: BSc (IIyr)

Subject : PHYSICS

Course/ Paper: BSc (MPC+MPE)

PAPER III- Electromagnetic Theory

No. of Hours Allotted: 60

Unit: I, II, III and IV

Topics to be covered	No. of Hours
Unit I : Electrostatics Electric Field:- Concept of electric field lines and electric flux, Gauss's law (Integral and differential forms), application to linear, plane and spherical charge distributions.	8
Conservative nature of electric field 'E', Irrotational field. Electric potential:- Concept of electric potential, relation between electric potential and electric field, potential energy of a system of charges. Energy density in an electric field. Calculation of potential from electric field for a spherical charge distribution.	7
Unit II : Magnetostatics Concept of magnetic field 'B' and magnetic flux, Biot-Savart's law, B due to a straight current carrying conductor. Force on a point charge in a magnetic field. Properties of B, curl and divergence of B, solenoidal field. Integral form of Ampere's law. Applications of Ampere's law: field due to straight, circular and solenoidal currents. Energy stored in magnetic field.	8
Magnetic energy in terms of current and inductance. Magnetic force between two current carrying conductors. Magnetic field intensity. Ballistic Galvanometer:- Torque on a current loop in a uniform magnetic field, working principle of B.G., current and charge sensitivity, electromagnetic damping, critical damping resistance.	7
Unit III: Electromagnetic Induction and Electromagnetic waves Faraday's laws of induction (differential and integral form), Lenz's law, self and mutual Induction. Continuity equation, modification of Ampere's law, displacement current, Maxwell equations.	8
Maxwell's equations in vacuum and dielectric medium, boundary conditions, plane wave equation: transverse nature of EM waves, velocity of light in vacuum and in medium. Poynting's theorem.	7
UNIT IV: **Varying and alternating currents** Growth and decay of currents in LR, CR and LCR circuits - Critical damping. Alternating current, relation between current and voltage in pure R, C and L - vector diagrams - Power in ac circuits. LCR series and parallel resonant circuit - Q-factor. AC & DC motors-single phase, three phase (basics only).	7
Network Theorems: Passive elements, Power sources, Active elements, Network models: T and π Transformations, Superposition theorem, Thevenin's theorem, Norton's theorem. Reciprocity theorem and Maximum power transfer theorem (Simple problems).	8

Name of the Teacher : Dr. Y. Markandeya

A.Venugopal Rao

Head
Department of Physics

P R I N C I P A L

NIZAM COLLEGE: DEPARTMENT OF ELECTRONICS
LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023
Semester- IV

Class: BSc (IIyr)
Course/ Paper: BSc (MPC+MPE)
Unit: I, II, III and IV

Subject : PHYSICS
PAPER IV- Waves and Optics
No. of Hours Allotted: 60

Topics to be covered	No. of Hours
	8
Unit-I Waves Fundamentals of Waves -Transverse wave propagation along a stretched string, general solution of wave equation and its significance, modes of vibration of stretched string clamped at ends, overtones, energy transport, transverse impedance.	
Longitudinal vibrations in bars- wave equation and its general solution. Special cases (i) bar fixed at both ends ii) bar fixed at the mid point iii) bar free at both ends iv) bar fixed at one end. Transverse vibrations in a bar- wave equation and its general solution. Boundary conditions, clamped free bar, free-free bar, bar supported at both ends, Tuning fork.	7
Unit II: Interference: Principle of superposition – coherence – temporal coherence and spatial coherence – conditions for Interference of light. **Interference by division of wave front**: Fresnel's biprism – determination of wave length of light. Determination of thickness of a transparent material using Biprism – change of phase on reflection – Lloyd's mirror experiment.	8
Interference by division of amplitude: Oblique incidence of a plane wave on a thin film due to reflected and transmitted light (Cosine law) – Colours of thin films – Non-reflecting films – interference by a plane parallel film illuminated by a point source – Interference by a film with two non-parallel reflecting surfaces (Wedge shaped film) – Determination of diameter of wire-Newton's rings in reflected light with and without contact between lens and glass plate, Newton's rings in transmitted light (Haidinger Fringes) – Determination of wave length of monochromatic light – Michelson Interferometer – types of fringes – Determination of wavelength of monochromatic light, Difference in wavelength of sodium D1,D2 lines and thickness of a thin transparent plate.	
Interference by division of amplitude: Oblique incidence of a plane wave on a thin film due to reflected and transmitted light (Cosine law) – Colours of thin films – Non-reflecting films – interference by a plane parallel film illuminated by a point source – Interference by a film with two non-parallel reflecting surfaces (Wedge shaped film) – Determination of diameter of wire-Newton's rings in reflected light with and without contact between lens and glass plate, Newton's rings in transmitted light (Haidinger Fringes) – Determination of wave length of monochromatic light – Michelson Interferometer – types of fringes – Determination of wavelength of monochromatic light, Difference in wavelength of sodium D1,D2 lines and thickness of a thin transparent plate.	7
Unit III: Diffraction: Introduction – Distinction between Fresnel and Fraunhofer diffraction, Fraunhofer diffraction- Diffraction due to single slit and circular aperture – Limit of resolution – Fraunhofer diffraction due to double slit – Fraunhofer diffraction pattern with N slits (diffraction grating).	8
Resolving Power of grating – Determination of wave length of light in normal and oblique incidence methods using diffraction grating.	7
Fresnel diffraction-Fresnel's half period zones – area of the half period zones –zone plate – Comparison of zone plate with convex lens – Phase reversal zone plate – diffraction at a straight edge – difference between interference and diffraction.	7
Unit IV: Polarization Polarized light : Methods of Polarization, Polarizatioin by reflection, refraction, Double refraction, selective absorption , scattering of light – Brewster's law – Malus law – Nicol prism polarizer and analyzer	7
Refraction of plane wave incident on negative and positive crystals (Huygen's explanation) – Quarter wave plate, Half wave plate – Babinet's compensator – Optical activity, analysis of light by Laurent's half shade polarimeter.	8

Name of the Teacher : Dr. Y. Markandeya
A.Venugopal Rao

Head
Department of Physics

PRINCIPAL

NIZAM COLLEGE: DEPARTMENT OF ELECTRONICS
LESSON PLAN FOR THE ACADEMIC YEAR 2023-2024
Semester- V

Class: BSc (IIIyr)
Course/ Paper: BSc (MPC+MPE)
Unit: I, II, III and IV

Subject : PHYSICS
PAPER V- MODERN PHYSICS
No. of Hours Allotted: 60

Topics to be covered	No. of Hours
UNIT - 1 : SPECTROSCOPY **Atomic Spectra:** Introduction - Drawbacks of Bohr's atomic model - Sommerfeld's elliptical orbits -relativistic correction (no derivation). Stern & Gerlach experiment, Vector atom model and quantum numbers associated with it. L-S and j-j coupling schemes. Spectral terms, selection rules, intensity rules - spectra of alkali atoms, doublet fine structure, Zeeman Effect, Paschen-Back Effect and Stark Effect (basic idea).	8
Molecular Spectroscopy: Types of molecular spectra, pure rotational energies and spectrum of diatomic molecule. Determination of inter nuclear distance. Vibrational energies and spectrum of diatomic molecule. Raman effect, classical theory of Raman effect. Experimental arrangement for Raman effect and its applications.	7
UNIT – II : Quantum Mechanics **Inadequacy of classical Physics:** Spectral radiation - Planck's law (only discussion). Photoelectric effect - Einstien's photoelectric equation. Compton's effect - experimental verification. **Matter waves & Uncertainty principle:** de Broglie's hypothesis - wavelength of matter waves, properties of matter waves. Phase and group velocities. Davisson and Germer experiment. Double slit experiment. Standing de Brogile waves of electron in Bohr orbits. Heisenberg's uncertainty principle for position and momentum (x and p_X), Energy and time (E and t). Gamma ray microscope. Diffraction by a single slit. Position of electron in a Bohr orbit. Complementary principle of Bohr.	10
Schrodinger Wave Equation Schrodinger time independent and time dependent wave equations. Wave function properties - Significance. Basic postulates of quantum mechanics. Operators, eigen functions and eigen values, expectation values.	5
Unit - III : Nuclear Physics **Nuclear Structure:** Basic properties of nucleus - size, charge, mass, spin, magnetic dipole moment and electric quadrupole moment. Binding energy of nucleus, deuteron binding energy, p-p, n-n, and n-p scattering (concepts), nuclear forces. Nuclear models- liquid drop model, shell model.	8
Alpha and Beta Decays: Range of alpha particles, Geiger - Nuttal law. Gammow's theory of alpha decay. Geiger - Nuttal law from Gammow's theory. Beta spectrum - neutrino hypothesis, **Particle Detectors:** GM counter, proportional counter, scintillation counter.	7
UNIT: IV: Solid State Physics & Crystology raphy **Crystal Structure :** Crystalline nature of matter. Cystal lattice, Unit Cell, Elements of symmetry. Crystal systems, Bravais lattices. Miller indices. Simple crystal structures (S.C., BCC, FCC, CsCl, NaCl, diamond and Zinc Blende)	7
X-ray Diffraction: Diffraction of X -rays by crystals, Bragg's law, Experimental techniques - Laue's method and powder method. **Bonding in Crystals:** Types of bonding in crystals - characteristics of crystals with different bondings. Lattice energy of ionic crystals - determination of Madelung constant for NaCl crystal. Calculation of Born Coefficient and repulsive exponent. Born-Haber cycle.	8

Name of the Teachers:

Dr. Y. Markandeya

Dr. Shashidhar Bale

Head
Dept. of Electronics

Signature

PRINCIPAL

NIZAM COLLEGE

DEPARTMENT OF PHYSICS

LESSON PLAN FOR THE ACADEMIC YEARS 2022-2023 (Semester II)

Class: MSc Previous

Course: Advanced Quantum Mechanics (PAE 203 T)   **Paper: III**

Units: 3   **No. of Hours Allotted: 45**

Unit – I: Scattering Theory	
Topics to be covered	**No. of Hours**
Kinematics of Scattering Process: differential and total cross section	1
Asymptotic from of scattering wave function.	1
Scattering amplitude by Green's method.	1
Born approximation method - scattering amplitude	2
Validity of Born approximation	1
Screened Coulomb potential and square well potential	2
Partial waveanalysis	2
phase shift-Optical Theorem	1
Relationship between phase shift and Potential.	1
Scattering by Hard sphere.	2
Numericals	1
	15

Unit – II: Approximation Methods	
Topics to be covered	**No. of Hours**
Time Independent Perturbation theory: Non-degenerate case – first order theory	1
Time Independent Perturbation theory: Non-degenerate case – second order theory	1
Perturbed harmonic oscillator	1
Perturbed an-harmonic Oscillator	1
Perturbation theory of degenerate case – first order correction	1
Stark effect for H-atom for n=2 level	1
Variation Method - Helium atom ground state	1
WKB approximation method - connection formulae	1
Time dependent perturbation theory	1
Transition probability - Selection rules for transition	1
Constant perturbation	1
Transition probability to closely spaced levels	1
Fermi's golden rule	1
Harmonic perturbation	1
Transition probability rate	1
	15

UNIT – III: Relativistic Quantum Mechanics	
Topics to be covered	
Introduction	1
Klein –Gordon Equation	1
Plane wave solutionand Equation of continuity, Probability density	2
Dirac Equation.	1
Dirac alpha, beta- matrices	1
Dirac equation - Plane wave solution	1
Significance of negative energy states	1
Spin of Dirac particle	1
Relativistic particle in central potential –Total Angular Moment	1
Particle in a magnetic field – Spin Magnetic moment, properties of gamma matrices	2
Dirac's equation in covariant form	1
Numerical	1
	15

Name of the Teacher:

Dr. M. Keshavulu Goud

Signatures

HOD HEAD
Department of Physics
Signatures College, OU Hyd.
Nizam College, OU Hyd.

NIZAM COLLEGE

DEPARTMENT OF PHYSICS

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester IV)

Class: M.Sc Final Year **Section: Bio-Physics**

Paper -IV

Course/ Paper: Bio-Physics / Radiation Biophysics

Unit: I **No. of Hours Allotted: 12**

Topics to be covered	No. of Hours
Introduction	1
Light sources and materials	1
monochromators	1
intensity measurements	1
Definition and theory of action spectra	1
Inactivation of proteins and DNA	1
Light action on respiratory pigments	
Photosynthesis,examples	1
Cooperative events in light action	2
the Poisson's distribution, examples.	2

Unit: II **No. of Hours Allotted: 12**

Topics to be covered	No. of Hours
Nature of ionizing radiation	1
Measure of radiation – the roentgen	1
Ionisation by X-rays, γ rays or neutrons	2
Bethe's equation - derivation and application	2
Dosimetry	1
Action of ionizing radiation on molecular systems	1
Target theory;Variable linear energy transfer	1
Radiation sensitivity of large molecules	1
Ionising radiation interaction with tissues and chromosomes.	2

Unit: III

Topics to be covered	No. of Hours
Production of X-ray beams	1
X-ray machine; Properties of X-rays	1
Absorption of X-rays	1
X-ray image intensifier T.V	1
Radiation to patient from X-ray	1
Live X-ray imaging – fluoroscopy	1
Mamography	1
theory, instrumentation, working of CT scan	1
MRI scan	2
PET scan	2

Unit: IV

Topics to be covered	No. of Hours
Radioactivity and radiation sources	2
Statistical aspects of nuclear medicine	1
Basic instrumentation and its clinicalapplications.	2
Nuclear medicine imagingdevices	1
Physical principles of nuclear medicine	1
Imaging procedures and RIA	2
Therapy with radioactivity	1
Biological effects of radiation - principles of radiation therapy	2
mega voltage therapy	1
Brachy therapy	1

Head, Department of Physics

Name of the Teacher:

Dr R Gangadhar / P Gattaiah

Signature:

Signature:

Class: M.Sc Final

Course/ Paper: Cell and Membrane Biophysics   **Paper: III**

Units :4   **No. of Hours Allotted: 50**

UNIT: I

Topic Covered	No. of Hours
• Electrical Oscillatory phenomenon	1
• Electrical Oscillations	2
• CSR Origin	1
• Oscillating Electric Fields by CSR	1
• <u>Charged Membrane:</u>	
• Membrane models ,Channels, Relation between C,R and D	1
• Diffusion ; laws	1
• Donnan equilibrium ;Potential change	1
• Nernst- Planck equation	1
• Goldmann equation	1

Total: 10hrs

UNIT: II

Topic Covered	No. of Hours
• Dielectrophoresis Concept	1
• Behaviour of charge and Neutral matter in uniform & Non-uniform Electric Field	2
• Types of Polarization	1
• Field geometries, Bunching effects	1
• Dielectrophoretic force – Expression	2
• Experimental technique for DCR & Excess permittivity	1
• Single cell dielectrophoresis – Concept	1

UNIT: IV

Topic Covered	No. of Hours

- Physics of Natural flying Mechanism
- Natural fliers – concepts   1
- Flight Muscle – Definitions   1
- Expression for wing Beat frequency
  in different Theories   3
- Type of Flight   1
- Aero dynamical forces   1
- Power Requirements   2
- Applications   1

Total   10hrs

Name of the Teacher: Dr. Kaleem Ahmed Jaleeli

Signature:

HOD Physics

Signature:

- Experimental Technique   1
- Calculation of excess permittivity   1
- Magnetophoresis – Basic Concept   1
- Behaviour of charge and Neutral
  matter in Magnetic field   2
- Theory and Expt. Technique   1
- Applications   1

                                                        Total: 16hrs

UNIT: III

Topic Covered   No. of Hours

- Muscle: Structure , Explanations   1
- Action potential   1
- Sliding filament theory   1
- Molecular Mechanism   1
- Electrophysiology of muscle

                                                        Total: 16hrs

- Nerve: Types, Properties   1
- Charge distribution , leakage current   1
- Hodgkin- Huxley Model   1
- Electro tonus   1

- Eye: Structure & functions   1
- Refractive error of eye   1
- Photochemistry of Visual process
  and Quantum effects

- Ear: Structure & functions   1
- Cochlear structure ; Patterns   1
- Hair cells & growth of Loudness
  and Audiometry

                                                        Total   14hrs

NIZAM COLLEGE: DEPARTMENT OF PHYSICS

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester IV)

Class: M.Sc.-Final (Electronics & Communication) **Paper –IV**

Course/ Paper: Data & Computer Communications-II - P404A/T/EC

Units: 4 **No. of Hours Allotted: 52**

Unit-I: Protocol Architecture & Internet Protocols **No. of Hours Allotted: 13**

Topics to be covered	No. of Hours
Protocol Architecture: Basic Protocol Functions	1 hr
The OSI Reference Model & its Standardization	1 hr
Service Primitives and Parameters	1 hr
Functions of OSI layers	1 hr
The TCP/IP Model (TCP/IP layers and their functions)	1hr
Operation of TCP/IP, TCP/IP application, TCP/IP Architecture	1hr
Internet Protocols: Principles, Requirements, architectural approaches	1hr
Connectionless Internet Working: Operation Scheme & Design issues	1hr
IP datagram format, IP addresses – Network Classes, Subnets and Subnet masks	1hr
Address Resolution Protocol (ARP) & Reverse ARP (RARP)	1hr
Internet Control Message Protocol (ICMP)	1hr
IPV6: Motivation for new version, enhancements in IPV6 over IPV4	1hr
IPV6 structure, IPV6 header, IPV6 addresses	1hr

Unit-II: Internetwork Operation & Transport Protocols **No. of Hours Allotted: 13**

Topics to be covered	No. of Hours
TCP/IP Internet Layer Introduction	1hr
Packet Switching vs Circuit Switching	1hr
Multicasting: Practical applications, Requirements for multicasting	1hr
Routing protocols: Autonomous systems, approaches to routing	1hr
Routing Information Protocol (RIP)	1hr
Border Gateway Protocol (BGP)	1hr
Interior & Exterior Gateway Protocols	1hr

Topics	No. of Hours
Open Short Path First (OSPF) Protocol.	1hr
Transport Protocols: Connection Oriented Transport Protocol Mechanisms	1hr
Reliable sequencing network service & Unreliable network service.	1hr
TCP: TCP services, TCP header format, TCP mechanisms.	1hr
TCP congestion control: Retransmission Timer Management, window management.	1hr
User Datagram Protocol (UDP)	1hr

Unit-IV: Internetwork Operation & Transport Protocols   No. of Hours Allotted: 13

Topics to be covered	No. of Hours
Network Security: Introduction	1hr
Security Requirements and Attacks: Passive attacks and Active attacks	1hr
Cipher Text, Public & Private Keys	1hr
Confidentiality with Symmetric Encryption	1hr
Symmetric encryption algorithms	1hr
location of encryption devices, key distribution & traffic padding	1hr
Message Authentication and Hash Functions:	1hr
Approaches to message authentication, secure hash functions	1hr
SHA-1 secure hash function	1hr
Public-Key Encryption and Digital Signatures:	1hr
RSA public key encryption algorithm, Key management	1hr
IPV4 and IPV6 security	1hr
Applications of IPsec, scope of IPsec, Firewalls	1hr
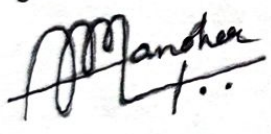
Unit-IV: Distributed Applications   No. of Hours Allotted: 13

Topics to be covered	No. of Hours
Transport Layer Protocols Introduction	1hr
Electronic Mail & Distributed Applications	1hr
Simple Mail Transfer Protocol (SMTP)	1hr
Multi-purpose Internet Mail Extension (MIME)	1hr
Simple Network Management Protocol (SNMP) and Architecture	1hr

No. of Hours Allotted: 13

Network management systems	1hr
Hypertext Transfer Protocol (HTTP) Overview	1hr
HTTP messages, request messages, response messages and entities	1hr
Hypertext Transfer Protocol for Secured (HTTPS) Data Transfer	1hr
File Transport Protocol (FTP)	1hr
Telnet (Local vs Remote Logging)	1hr
Dynamic Host Configuration Protocol (DHCP)	1hr
Domain Name Systems(DNS) & Proxy Servers	1hr

Name of the Teacher: Dr. P. Manoher

Signature:

Head, Department of Physics

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Department of Physics
Nizam College, OU Hyd

NIZAM COLLEGE: DEPARTMENT OF PHYSICS

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester IV)

Class: MSc Final (Electronics & Communication)

Course/ Paper: MOBILE CELLULAR COMMUNICATIONS (Paper –III)

Units: 4   **No. of Hours Allotted: 52**

Unit-I: Cellular Concepts

Topics to be covered	No. of Hours
Introduction of Mobile communications-évolution	1 hr
Mobile communications-évolution	1 hr
International Mobile Satellite, Personnel Communication System	1 hr
Standards of PCS	1 hr
Mobile Personnel Computers	1 hr
Speech Coder introduction	1 hr
Speech Coder	1hr
Fundamental Radio Propagation	1hr
Fundamental Radio Propagation and System concepts	1hr
Antenna Gain	1hr
Propagation characteristics	1hr
Model for multipath-faded radio signals	1hr
Instrumentation for lab testing, Instrumentation for lab testing, Methods	1hr

Unit-II: Spread Spectrum Systems and Diversity Technique

Topics to be covered	No. of Hours
Introduction of Spread Spectrum Systems	1hr
Introduction of Diversity Techniques	1hr
Methods for Spread Spectrum Systems and Diversity Techniques	1hr
Concept of Spread Spectrum System	1hr
Pseudo-noise sequences	1hr
Introduction of Direct Sequence Spread Spectrum Systems	1hr

Topics to be covered	No. of Hours
Performance of Direct Sequence Spread Spectrum Systems	1hr
Code Division Multiple Access	1hr
Direct Sequence and Frequency Hopping systems	1hr
Synchronization, Applications	1hr
Concept of Diversity Branch and Signal Paths	1hr
Combining and Switching Methods	1hr
Carrier-to- Noise and Carrier- to- Interference Ratio, Performance Improvements	1hr

Unit-III : Medium Access Control

Topics to be covered	No. of Hours
Motivation for a specialized MAC	1hr
Hidden and exposed terminals, Near and far terminals	1hr
SDMA, FDMA, TDMA	1hr
Fixed TDM, Classical Aloha, CDMA	1hr
Slotted Aloha, Carrier sense multiple access	1hr
Demand assigned multiple access, PRMA packer reservation multiple access	1hr
Reservation TDMA, Multiple access with collision avoidance, Polling	1hr
Inhabit sense multiple access, CDMA	1hr
Spread Aloha multiple access, Comparison of S/T/F CDMA	1hr
Telecommunication Systems: GSM, Mobile services	1hr
System architecture, Radio interface and Protocols	1hr
Localization and calling, Handover	1hr
Security, New data services	1hr

Unit-IV: Satellite Systems

Topics to be covered	No. of Hours
Satellite Systems: History	1hr
Applications, Basics	1hr
GEO, LEO, MEO	1hr
Routing, Localization	1hr
Handover, Examples	1hr
Satellite applications : Communication satellites	1hr
Surveillance satellite	1hr
Navigation satellites	1hr
Global positioning system (GPS) space segment	1hr
Control segment	1hr
GPS receivers	1hr
GPS applications	1hr
Broadcast Systems: Overview	1hr
Cyclic repetition of data, Digital audio broadcasting	1hr
Multimedia object transfer protocol	1hr
Digital video broadcasting	1hr

Name of the Teacher: Dr. G.Mamatha

Head, Department of Physics

Signature:

Signature:

NIZAM COLLEGE: DEPARTMENT OF PHYSICS

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester IV)

Class: M.Sc.-Final

Course/ Paper: Nuclear Physcs-P-401 T

Paper: I

Units: 4

No. of Hours Allotted: 52

Unit: I-Nuclear force and Nuclear models

No. of Hours Allotted: 13

Topics to be covered	No. of Hours
Introduction to nuclear Physics	1
Characteristics of nucleus, experimental methods of investgation of nuclear size	1
Theories of nucleus, definitions	1
Binding energy, its curve, binding energy fraction, nucleus spin, nucleus statistics.	1
Electric quadrupole moment of nucleus, iso-spin	1
Properties of deuteron	1
Various potentials to understand deuteron, ground state of deuteron.	1
Calculation of its ground potential, its conclusions for nuclear forces	1
Charge independence of nuclear forces and exchange forces.	1
Various models proposed, liquid drop model, semi-empirical mass formula.	1
Explanation for binding energy correction, applications, alpha decay.	1
Shell model of nucleus, single particle model, square well potential	1
Harmonic oscillator potential, prediction of shell model, magnetic moments of nuclei.	2

Unit:II- Nuclear decay Process

No. of Hours Allotted: 13

Topics to be covered	No. of Hours
Properties of Alpha particle, Geigers law, Aplha disintegration energy	1
Gamows theory of Alpha decay, penetration probability, Geiger Nuttal law	2
Fine structure of Alpha decay- spectrum, short and long range	1
Properties Beta particles, spectrum	1
Energetics of Beta decay, energy calculations, origin of continuous spectra	2
Neutrino hypothesis, properties of neutrino	1
Fermi theory of Beta Decay, coulombic correction, Kurie-plots	2
Beta decay allowed and forbidden transitions , selection rules	1
Multipole radiation and selection rules	2

Unit:III- Nuclear Radiation and detectors

Topics to be covered	No. of Hours
Introduction of collisions, basic definitions, Bohrs theory	2
Derivation of specific ionization energy, Bethe's formula and its conclusions.	2
Range and energy relations	1
Interaction of gamma rays with matter, absorption of gamma rays and attenuation coefficient	2
Photo electric effect, Compton effect	2
pair production, negative energy states	1
Principle of detectors, scintillation detector, various scintillate.	2
Solid state detectors	1

No. of Hours Allotted: 13

Unit:IV-Nuclear reaction and particle physics

Topics to be covered	No. of Hours
Introduction and types of nuclear reaction	1
Q-value of nuclear reactions and its solution, exoergic and endoergic reactions and threshold energy.	2
Reaction mechanisms, Compound, direct and pre-equilibrium reactions	1
Formation compound nucleus and its line width	1
Direct reactions, its general theory, Stripping and pickup reactions and its differential cross sections	2
Various particle induced reactions and its energy calculations	1
Classifications of elementary particles	1
Quantum numbers of elementary particles	1
Fundamental forces of elementary particles	1
Conservation of parity, strangeness , quark model	2

Head, Department of Physics

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Name of the Teacher:
Dr. B. Kavitha
B.Ravitha
Signature:

NIZAM COLLEGE: DEPARTMENT OF PHYSICS

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester IV)

Class: M.Sc.-Final

Course/ Paper: Spectroscopy-P-402 T

Paper: II

Units: 4

No. of Hours Allotted: 52

Topics to be covered	No. of Hours
	1
Unit I Atomic Spectra: Different series in alkali spectra (main features), Ritz combination principle	
Terms for equivalent electron atoms	1
Terms for non-equivalent electron atoms	1
Term values in alkali spectra and quantum defect	1
L-S and j-j coupling, Energy levels spectra, Spectroscopic terms	2
Spin-Orbit interaction and its equation	1
Doublet structure in alkali spectra, selection rules, intensity rules	1
Alkali like spectra	1
Lamb shift	1
Many electron atoms	1
Isotope shift; hyperfine splitting of spectral lines, selection rules	1
Lande's interval rule	1
Unit II Molecular Spectra: Types of Molecular spectra	1
Regions of the Spectrums	1
Salient features of rotational spectra	1
Rotational spectra of diatomic molecule as a rigid rotator	2
Energy levels and spectra of a non-rigid diatomic molecule	1
Effect of isotopic substitution on rotational spectra	1
Salient features of Vibrational-Rotational spectra	1
Vibrating diatomic molecule as a harmonic oscillator	2
Vibrating diatomic molecule as anharmonic oscillator	1
Diatomic molecule as rigid rotator and harmonic oscillator	1
Diatomic molecule as a non-rigid rotator and anharmonic oscillator	1
Unit III: Raman and Infrared (IR) Spectra: Raman effect and its salient features	2

Classical and quantum theory of Raman effect	2
normal vibrations of CO_2 and H_2O molecules	2
Vibrational and rotational Raman spectra	2
Infrared spectroscopy-basic concept of IR spectroscopy	1
IR spectrophotometer-Principle and Instrumentation	1
FTIR principle and working	1
Interpretation of data from Raman and IR spectroscopy	2
Unit IV: NMR and ESR Spectroscopy: Nuclear spin and magnetic moment	2
origin of nuclear magnetic resonance (NMR) spectra	1
Theory of NMR spectra	1
Relaxation process	1
Bloch equations	1
Chemical shift, experimental study of NMR spectroscopy	2
ESR spectroscopy, origin and resonance condition, quantum theory	2
Instrumentation of ESR spectrometer	1
Fine structure and hyperfine structure of ESR absorptions	1
Applications of ESR	1
TOTAL	**52**

Name of the Teacher:

Dr. P. Vijaya Bhasker Reddy

Signature:

Head, Department of Physics

Signature:

Class: **M.Sc Final**

Course/ Paper: MOLECULAR BIOPHYSICS (303T/BP) **Paper: III**

Units :4 **No. of Hours Allotted: 52**

Topic to be Covered	No. of Hours
Unit I : Structure and functions of macromolecules and Bio catalysis	
Introduction to Bio Physics	1
Discussion on structure and functions of disaccharides	1
Discussion on structure and functions of polysaccharides	1
Classification of proteins	1
Discussion of primary structures of proteins	1
Cont….discussion of primary structures of proteins	1
Discussion of secondary structures of proteins	1
Chemistry of nucleic acids	1
Chemistry of DNA duplication	1
Protein synthesis	1
Structure and function of lipids	1
Classification of enzymes	1
Modified Menten model for competitive catalysed reactions	1
Modified Menten model for non-competitive catalysed reactions	1
Enzyme specificity their structure and fuctions	1
TOTAL	**15**

Topic to be Covered	No. of Hours
UNIT: II Statistical Thermodynamics	
Introduction to statistical thermodynamics	1
Intra molecular and Inter molecular forces	1
Debye-Huckel theory	1
Cont…Debye-Huckel theory	1
The relation between statistical thermodynamics and biology	1
Entropy transfer of living organisms & information theory	1
Applications of information content	1
Nature and origin of optical activity	1
Optical, rotation and circular dichorism	1
Drude's equation and cotton effect	1
Optical activity in native proteins	1
Determination of helical content	1
TOTAL	**12**

Topic to be Covered	No. of Hours
UNIT: III **Absorption Spectroscopy**	
Introduction to spectroscopy and its applications	1
Basic principles and experimental techniques of IR	1
Applications of spectroscopy to biomolecules and tissues	1
Basic principles and expt. techniques of UV spectroscopy	1
Beer-Lambert law	1
Its application to proteins and nucleic acids	1
Basic principles and experimental techniques of NMR spectroscopy	1
Resonance conditions and chemical shift	1
NMR applications to proteins and nucleic acids	1
Basic principles of ESR spectroscopy	1
Experimental techniques of ESR spectroscopy	1
Its applications to proteins	1
Applications to nucleic acids and other bio molecules	1
TOTAL	**13**

Topic to be Covered	No. of Hours
UNIT: IV **X-ray diffraction**	
Explanation to XRD, determination of its sturcture	1
Phase determination procedure to bio molecules using XRD	1
Discussion on different methods of XRD (Hauptman-Karl method)	1
Cont…discussion on different methods of XRD (Hopp-Zechminester method)	1
Analysis of XRD for some protein fibers	1
Cont… analysis of XRD for some protein fibers	1
Determination of structre of globular proteins	1
Determination of structre of polypeptide chains	1
Pleated sheaths and β-keratin	1
α – helix and α – keratin	1
XRD of nucleic acid	1
XRD of polymers	1
TOTAL	**12**

Name of the Teacher:

Dr. Kaleem Ahmed Jaleeli

Signatures

HOD Physics

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NIZAM COLLEGE

DEPARTMENT OF PHYSICS

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester III)

Class: M.Sc Final

Title of the Paper: Physico – Chemical Techniques in Biophysics   Paper IV

Units: 4   **No. of Hours Allotted: 45**

Topics to be covered	No. of Hours
Unit: I Molecular weight determination	
Specific and intrinsic viscosities and their determination by Ostwald's method.	2
Determination of molecular weight from intrinsic viscosity.	1
Theory of sedimentation	1
Determination of sedimentation coefficient by sedimentation equilibrium method and sedimentation velocity method.	2
Calculation of molecular weight from sedimentation equilibrium and velocity methods.	2
Rayleigh's equation for scattering for dilute gas.	1
Theory for particles small compared with wavelength of light.	1
Theory of large particles with dimensions approaching the wavelength of light.	1
Expression for the particle scattering factor P ($\square$) and its relation to radius ofgyration	1

Topics to be covered	No. of Hours
Unit:II Chromatography	
Introduction to chromatography.	1
Principle, Instrumentation, working and biological applications of Column chromatography,	2
liquid chromatography	1
Thin layer chromatography (TLC)	1
Paper chromatograph	1
Ion exchange chromatography	2
Gel chromatography	1
Affinity chromatography	1
Gas chromatography.	1

Topics to be covered	No. of Hours
Unit:III Electrophoresis	
Introduction to Electrophoresis. Principle of electrophoresis	2
Electrophoretic Mobility(EPM) estimation, factors effecting EPM, Supporting media.	2
Types of electrophoresis - Disc electrophoresis	1
Isoelectric focusing, Isotachophoresis	1
Paper electrophoresis	1
Gel electrophoresis	1
Capillary electrophoresis	1
Applications of electrophoresis in biology and medicine.	2

Topics to be covered	No. of Hours
Unit:IV Microscopy	
Principle, description, working and biological applications of Fluorescence microscope	2
Ultraviolet microscope	1
Interference microscope	1
Polarizing microscope	1
Phase contrast microscope	1
Electron microscope	1
Scanning probe microscopy	1
Atomic Force microscope (AFM)	1
Scanning tunneling microscope (STM)	1
Scanning near field optical microscope (SNOM).	1

Name of the Teacher:

Dr. R.Gangadhar / P.Gattaiah

Signature:

Head, Department of Physics

Nizam College,

Signature:

NIZAM COLLEGE: DEPARTMENT OF PHYSICS

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester III)

Class: M.Sc.-Final (Electronics & Communication)   Paper –IV

Course/ Paper: Data & Computer Communications-I - P304A/T/EC

Units: 4   **No. of Hours Allotted: 52**

Unit-I: Data Transmission, Guided and Wireless Transmission, Digital Data Communication Techniques: **No. of Hours Allotted: 13**

Topics to be covered	No of Hours
Transmission Terminology	1
Time Domain and Frequency Domain Concepts	1
Data rate, Band Width	1
Analog and Digital transmission	1
Transmission Impairments and Channel Capacity	1
Guided transmission media	1
Wireless transmission, Wireless propagation	1
Line of sight transmission	1
Digital Signal Encoding Formats	1
Asynchronous and synchronous transmission	1
Types of Errors and Error detection	1
Block Code Principles, Error correction	1
Line Configurations and Interfacing	1

Unit-II: Data Link Control, Multiplexing, Circuit Switching, Packet Switching and Frame Relay   **No. of Hours Allotted: 13**

Topics to be covered	No of Hours
Flow Control	1
Error control	1
High level Data link control (HDLC) Protocol	1
Frequency division Multiplexing (FDM)	1
Synchronous Time division Multiplexing (TDM)	1
Statistical Time division Multiplexing (STDM)	1
Asymmetric Digital Subscriber line, xDSL	1
Switching Networks and Circuit Switching Networks	1
Circuit Switching Concepts	1
Control Signaling and Soft switch Architecture	1
Packet Switching principles, X.25	1
Frame Relay Protocol architecture, User Data Transfer	1
Congestion Control using Frame Relay	1

Unit-III: Routing in Switching Networks, Asynchronous Transfer Mode (ATM), Congestion Controlling Data Networks
No. of Hours Allotted: 13

Topics to be covered	No of Hours
	1
Routing in Circuit switching Networks	1
Routing in Packet switching Networks	1
Least cost Algorithms	1
ATM Protocol architecture	1
ATM Logical Connections	1
ATM Cells and Transmission of ATM Cells	1
ATM Service categories, Adaptation Layer	1
Cause and Effects of congestion, Congestion control	1
Traffic management	1
Traffic Management at Packet Level	1
Congestion control in Packet switching networks	1
Frame relay congestion control	1
ATM Traffic Management	1

Unit-IV: Local Area Networks (LANs), High Speed LANs and Wireless LANs
No. of Hours Allotted: 13

Topics to be covered	No of Hours
	1
Local Area Networks (LANs)- Overview	1
Network Topologies, Transmission Media	1
Media Access Control (MAC)	1
LAN Protocol Architecture	1
Layer 2 & Layer 3 switches	1
IEEE 802.3 and Ethernet	1
High Speed LANs-Overview	1
Ethernet, Token Ring, Fiber Channel	1
Wireless LANs - Overview	1
Wireless LAN Technology	1
IEEE 802.11 Architecture and Services	1
IEEE 802.11 Medium Access Control	1
IEEE 802.11 Physical layer	1

Name of the Teacher: Dr. P. Manoher

Signature:

Head, Department of Physics

Class: M.Sc.   **Section: Electronics & Communication**

Course/ Paper: 8051 micro controller & its applications-P-303T/EC

Paper: III   **No. of Hours Allotted: 52**

Unit-I: Architecture of Microcontroller 8051

Topics to be covered	No. of Hours
Micro controllers & Embedded Processors	1 hr
Micro controller versus General-purpose Microprocessors	1 hr
Microcontrollers for embedded systems, embedded applications, choosing a Microcontroller	1 hr
8051 Architecture	2 hr
8051 Microcontroller hardware	1 hr
Input/output pins, ports and circuits	2 hr
External memory	1 hr
Counter and timer	1 hr
Serial data input and output,	1 hr
Interrupts,	1 hr
Other members of 8051	1 hr

Unit-II: 8051 Instructions & Assembly Language Programming

Topics to be covered	No. of Hours
Addressing modes: immediate and register addressing modes	1 hr
Accessing memory using various addressing modes	2 hr
Arithmetic instructions and programs unsigned addition and subtraction	1 hr
Unsigned multiplication and division	1 hr
Signed members concepts and arithmetic operations	1 hr
Logic Instruction and programs: Logic and compare instructions rotate and swap instructions	1 hr
Jump, Loop and call instructions: Loop and jump instructions, call instructions	1 hr
Time delay, generation and calculation	1 hr
Single bit instructions and programming: single bit instruction programming	1 hr
Single bit operation with carry reading input pins versus port latch	2 hr
I/O port programming: I/O programming, bit manipulation.	1 hr

Unit-III: 8051 Timer / Counter, Serial Communication & Interrupts

Topics to be covered	No. of Hours
Timer / Counter programming: programming 8051 timers	2 hr
Counter programming	1 hr
Pulse frequency and pulse width measurements	1 hr
Serial data communication programming: Basics of serial communication	2 hr
8051 connection to RS232	1 hr
8051 serial communication programming	1 hr
Interrupts programming: Interrupts of 8051	2 hr
Programming timer interrupts	1 hr
Programming external hardware interrupts	1 hr
Programming serial communication interrupts	1 hr

Unit-IV: Application of 8051 Micro Controllers

Topics to be covered	No. of Hours
Programmable peripheral interface (PPI)-8255	2 hr
Programming 8255	1 hr
8255 interfacing with 8051	2 hr
Interfacing Key board	1 hr
Interfacing LED	2 hr
Interfacing LCD	1 hr
Interfacing A/D converters	1 hr
Interfacing D/A converters	1 hr
Interfacing stepper motor	2 hr

Name of the Teacher: J Hema Madhuri

Signature:

Head, Department of Physics

NIZAM COLLEGE
LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023
DEPARTMENT OF PHYSICS

Class: MSc Final

Subject: Physics

Semester: III

ADVANCED SOLID STATE PHYSICS

P- 302T

Paper – II

No. of Hours Allotted: 52

UNIT: I ELECTRONIC PROPERTIES	No. of Hours Allotted: 13
Topic to be Covered	**No. of Hours**
Introduction to band theory of solids	1
Fermi surface and Brillouin zones	1
Construction of Fermi surfaces	1
Construction of Fermi surface in extended zone scheme	1
Construction of Fermi surface in reduced zone scheme	1
Construction of Fermi surface in periodic zone scheme	1
Fermi surface in simple cubic	1
Fermi surface in BCC lattice	1
Fermi surface in FCC lattice	1
Effect of electric field on Fermi surface	1
Effect of magnetic field on Fermi surface	1
Anomalous and skin effects	1
De Hass-van Alphen effect	1
TOTAL	**13**
UNIT: II DIELECTRICS AND FERROELECRICS	No. of Hours Allotted: 15
Topic to be Covered	**No. of Hours**
Macroscopic description of the static dielectric constant	1
Concept of local field	1
Electronic Polarizability	1
Ionic Polarizability	1
Orienational Polarizability	1
Measurement of dielectric constant in solids	1
Clausius-Mossotti Relation	1
Behavior of dielectrics in alternating field	1
Elementary ideas on Dipolar relaxation	1
Classification of Ferroelectrics - $BaTiO_3$ & KDP	1
Theory of ferroelectrics	1
Spontaneous polarization	1
Ferroelectric hysteresis	1
TOTAL	**13**
UNIT: III MAGNETIC PROPERTIES	No. of Hours Allotted: 13
Topic to be Covered	**No. of Hours**
Diamagnetism- Langevin's theory of diamagnetism	1
Quantum theory of diamagnetism	1
	1
	1
	1

Topic	No. of Hours
Origin of permanent magnetic moment	1
Theories of Paramagnetism (PM)	1
Paramagnetic cooling, Spontaneous magnetization	1
Weiss theory of spontaneous magnetization	1
Weiss theory of spontaneous magnetization (contd.)	1
Nature and Origin of Weiss molecular field, Heisenberg exchange interaction	1
Ferromagnetic domains and hysteresis	1
The Bloch wall	1
Neel's theory of Antiferromagnetism	1
Ferrimagnetism	1
Ferrites and their applications.	13
TOTAL	**No. of Hours Allotted: 13**

UNIT: IV SUPERCONDUCTIVITY

Topic to be Covered	No. of Hours
	1
Occurrence of Superconductivity	1
Type I and Type-II superconductors	1
Isotope Effect, Entropy	1
Heat capacity, Thermal conductivity	1
Energy gap, Microwave and infrared absorption	1
Theoretical Explanations: Penetration depth, coherence length	1
London's equations	1
Cooper pairs and Elements of BCS theory	1
Giaver tunneling	1
Josephson effects	1
Elements of high temperature superconductors	1
Applications of superconductors	13
TOTAL	**No. of Hours Allotted: 13**

Name of the Teacher:

Dr. P. Vijaya Bhasker Reddy

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LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester III)

DEPARTMENT OF PHYSICS

Class: M.Sc. Final Physics

Semester - III

Title of the Paper: Modern Optics (PAE-301T)

Paper - I

Units:4

No. of Hours Allotted: 52

Topics to be covered	No. of Hours
Unit I: Principles of Lasers introduction	1
Emission and absorption of Radiation	1
Einstein Relations, – Optical feedback	1
pumpingMechanisms	1
Optical feedback	1
Laser Rate equations for two, three and four level lasers	3
pumping threshold conditions	
Laser modes of rectangular cavity –Properties of Laser beams	2
Properties of Laser beams	2
UNIT-II: Laser Systems introduction	1
Classification of laser systems –Gas, Liquid and Solid Lasers	2
Gas lasersand Energy level schemes	2
He- Ne, Argon, CO_2 Gas lasers, EXCIMER lasers- Applications	3
SolidState lasers: Ruby, Neodymium	2
Nd-YAG lasers –Dye lasers- Applications	1
Semiconductor lasers: Ga-As lasers and applications	2

	2
UNIT-III: Holography introduction	1
Basic Principles of Holography Recording of amplitude and phase	2
Therecording medium-Reconstruction of original wave front-	1
Image formation by wave front reconstruction-	2
Gabor Hologram- Limitations of Gabor Hologram-Off axis Hologram	1
Fourier transform Holograms	2
Volume Holograms, Applications of Holograms-	1
Spatial frequency filtering.	
	1
UNIT-IV: Fourier and Non-Linear Optics	2
Fourier optics- Thin lens as phase transformation	2
Thickness function- Various types of lenses	1
Fourier transforming properties of lenses	2
Object placed in front of the lens- Object placed behind the lens	2
Non-Linear Optics-Harmonic generation	1
Second harmonic generation- Phase matching condition	2
Optical mixing- Parametric generation of light –Self focusing of light	
TOTAL	**52**

Name of the Teacher: Dr. Ch.Venkateshwarlu

Signature:

Head, Department of Physics

Signature:

NIZAM COLLEGE:

DEPARTMENT OF PHYSICS

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester II)

Class: M.Sc Previous

Title of the Paper: General Solid State Physics   **Paper: IV**

Untis:3   **No. of Hours Allotted: 45**

Topics to be covered	No. of Hours
Unit: I Crystal Structure and Growth	
Introduction to crystal structures (Cristal translational vectors,unit.	1
unit cell.Bravaislattices Crystal systems	1
Miller indices, Symmetry operations). point groups,Space groups and their notation	2
Blagg's law, Atomic structure tactor.	1
Ceometrical structure factor and Debye Waller factor	1
Concept of reciprocal lattice	1
Concept and constructiotr of Brillouin zones,	1
Experimental methods ot' X-ray diffraction Laue and Pouder methods	2
Determination of unit cell parameters of a cubic crystal.	1
Elements of electron and neutron dif'traction.	1
Crystal growth from solution and melt. growth t'romvapour phase. Experimental techniques Ofgrowth from melt	2

Topics to be covered	No. of Hours
Unit: II Crystal Imperfections	
classiflcation of irnperlections. Schottkl	1
Frenkel defects expression fbr their equilibrium concentrations in metals and lorric crystals	2
Colour centers and their models,	1
Dislocations-Edge and Screw dislocations	1
Dislocation multiplication, Grain boundaries.	1
Thermal Properties: Elastic waves in ono dimensional arrav olidentical atonrs	2
Vibrational modes ol a diatomic linear lanice and dispersion relatiorrs	1
Acousric and Opttcal rlodes.	1
Lnfrared absorption in ionic crystals	1
Phonons and verillcation ol'dispersion relarion in crystal lattices	1
Lattice heat capacity- Einstein and Debye theories	1

Lattice thermal conductivitr phonon mean free path	1
Origin of thermal expansion and Gruneisen relation	1

Topics to be covered	No. of Hours
UNIT – III : Band theory: Introduction to band theory	
Introduction to band theory Bloch theorern, Behavior ol'electron in periodic polentials,	2
Behavior ol'electron in periodic polentials,	1
Krorrig- Penny model. E vs. K relation	2
Density of states in a band Ettective mass of an electron	2
Negative effective mass and concept ofhole	1
Distinction between metals. Semiconductors and Insulators	1
Semiconductors: Intrinsic and exlrinsic semiconductors	1
Ferrni level. Lixpressions tbr electron and hole concentrations in Intrinsic and extrinsic sem icorrductors	2
Measuremcnts of band gap by infrared absorption in semiconductors,	1
Hall-ellbct	1

Name of the Teacher: Dr.B.Kavitha

Signature: B. Kavitha

Head, Department of Physics

Signature:

NIZAM COLLEGE

DEPARTMENT OF PHYSICS

LESSON PLAN FOR THE ACADEMIC YEARS 2022-2023 (Semester II)

Class: M.Sc Previous

Course: Statistical Mechanics   **Paper: II**

Units :3   **No. of Hours Allotted: 45**

Topics to be covered	No. of Hours
Unit: I Relation between thermodynamics and statistical mechanics	2
Micro states and macro states of a system - Phase space- Ensembles	1
Mean values and ensemble average -	2
Density distribution in phase space- Liouville's theorem Apriori probability postulate	2
Micro canonical. canonical and grand canonical ensembles	2
Quantization of phase space	1
Entropy and Probabilit"v.Entropy of a perfect gas using micro canonical ensemb	2
Gibbs paradox-Sackur.-Tetrode equation.	2
Equipartition theorem	1
	15

Topics to be covered	No. of Hours
Unit: II Canonical ensemble- Panition t'unction-Ideal gas:	1
Grand canonical ensemble-Partition function- Ideal gas	1
gas.Partition functiorr and thermodynarnic quantities	2
Translat ional, rotational and	1
vibrational partition t'unction	1
Ideal Bose-Einstein gas-Energy and pressure of the gas	2
Bose-Einstein condensation-Liquid Helium,	1
Two Fluid model-Phonons	1
super 1)uidiry.Ideal Fermi-Dirac gas-	2
Energy and pressure olthe gas.	1
White dwarfs	1
	15

Topics to be covered	No. of Hours
	2
Unit: III Fluctuation-mean square deviation	2
Fluctuations in energl, volume and concentration	2
Brownian motion- Classification of phase transition	2
Phase transitions ol tlrst and second kind	1
Ising model,	2
Bragg-Williams approximation	1
-One dimensional Ising model	2
an application to Ibrromagnetic	1
systems-Order-Disorder transit ion	**15**

Name of the Teacher: Mamta
Dr.Ch.Venkateshwarlu/ G.Mamatha
Signature:

Head, Department of Physics
Signature:

NIZAM COLLEGE:

DEPARTMENT OF PHYSICS

LESSON PLAN FOR THE ACADEMIC YEARS 2022-2023 (Semester II)

Class: M.Sc Previous

Course/ Paper: Electromagnetic Theory   **Paper: I**

Units :3   **No. of Hours Allotted: 45**

Topics to be covered	No. of Hours
Unit: I Electro-Static Potentials and Maxwell's Field Equations	
Special techniques forcalculating electrostatic potential	1
Poisson's and Laplace's equations-Solutions of Laplace's equations tbr electrostatic porential in Cartesian. spherical and cylindricalcoordinates-	2
Mu lti-pole expansion of the energy ol'a systcm of charges in an electrostatic field	1
Thescalar and vector magnetic potentials	2
Derivation of Maxwell's eq uations-	2
General rvave equation-	1
Gauge transformations-Lorentz and coulomb gauges	2
gauges-Moment Lrm. angular rnomentum and free energies ol electromagnetic field	2
Poynting Theorem (work ener.-tr)' theorem in electrodvnamics).	2

Topics to be covered	No. of Hours
Unit: II Propagation of Plane Electromagnetic Waves:	
Electromagnetic (EM) waves in unbounded media	1
EM wave equation for a homogeneous isotropic dielectric medium	1
Propagation of plan EM waves in free space	1
Propagation of EM waves in homogeneous isotropic dielectric medium	2
Energy transmitted by a plane EM wave	1
Propagation of EM wave in conducing medium	2
Attenuation and Skin effect	1
Energy transmitted –Polarization of EM wave	2
Propagation ol'EM rvaves irrbounded media	1
Boundarl conditions tbr E,D,B and H	1
Reflection and Refraction of plane EM wavcs at plane interface between two dielectrics	2

Topics to be covered	No. of Hours
Unit: III Interaction of Electromagnetic Waves with Matter	1
Laws of reflection and refraction-Fresnel's relation	1
Reflection (R) and 'fransrnission(T) coefficients	1
Brewster's angle-Total internal rel'lectior	2
Reflect ion and Refiacrion ol plane EM waves at plane interi'ace between non conducting and conducting medium-	1
Metallic rellection and its application	1
Dispersion in non-conductors	1
Normal and anomalous dispersion	2
Electromagnetic radiation: Inhomogeneous wave equation fbr potentials-Retarded potentials	1
Oscillating electric dipole rad iation	2
Osc illating magnetic dipole radiation-Radiation fiom center-fed linear antenna	2
Lienard-W iechert potentials	2

Head, Department of Physics
Signature:

Name of the Teacher: A.Laxman
Signature:

NIZAM COLLEGE

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester I)

DEPARTMENT OF PHYSICS

Class: M.Sc. Previous Physics   **Semester - I**

Title of the Paper: Electronics (PAE-104T)   **Paper - IV**

Units:3   **No. of Hours Allotted: 45**

Topics to be covered	No. of Hours
Unit I: Regulated Power Supply	
Basic Principle of regulated power supply,	1
fixed IC volrage regulators using IC 78XX and 79XX.	1
variable IC regulators wirh LM723	1
Feed back in Amplifiers introduction	1
The concept of l'eedback, positive and Negative feedbac	2
Feedback gain Advantages olNegative feedback in amplifiers	2
Oscillators introduction,Barkhausen Criterion	1
RC oscillators,Phase shift Oscillator	2
Wein Bridge Oscillator, LC Oscillators	2
Hartlev and Collpins Oscillators	2
UNIT-II: Operational Amplifiers introduction	1
Characteristics oi Ideal operational Amplifier. tllock diagram ofan IC operational Amplifier'	2
Analysis of irrvening amplitier. Non-inverting amplifier	2
Integrator,Differentiator.	1
summing amplifier, Difference amplitier	2
Comparator, Logar.ithmic arnplifier and exponential arnplifier	2
Square rvave. Rectangular uave and rriangular lvave generators.	2
Timer IC 555: Wolkirrg of IC 555.	2
Astable Mulri-vibraror rvith IC 555.	1

	1
UNIT-III: Logic Circuits introduction	1
Min terms and Max terms	1
simplification of Boolean equations	1
sum of products and product of sums-	1
Karnaugh Maps (upro 4 valiables),	1
Multiple.xc.r (l6: l) and De-rrultiplexer (l:4)	1
Flip -Flops: RS. D. JK and M/S JK tlip flops uith their truth tables. timirrg diacranrs.	1
Counters: Asynchronous and Synchronous Counters	1
Modulus N Counter	1
Decade Counter using tc7490.	1
Microprocessor: Intnrduction to Microprocessors -	1
Architecturc of 80g5m icroprocessor.	1
Instruction set: Data transfbr instructions	1
Arilhmetic I-ogic and Ilranch operations. Interrupts.	1
Simple Assembly language progranrming: 8-bit addition. 8-bit subtraction. 8-bit muhiplication	
TOTAL	**45**

Name of the Teacher: Dr. B.Kavitha

Signature: B. Kavitha

Head, Department of Physics

Signature:

NIZAM COLLEGE

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester I)

DEPARTMENT OF PHYSICS

Class: M.Sc. Previous Physics　　　　　　　　　**Semester - I**

Title of the Paper: Quantum Mechanics- I (PAE 103 T)　　　**Paper - III**

Units:3　　　　　　　　　　　　**No. of Hours Allotted: 45**

UNIT – I

Basics of Quantum Mechanics　　　　　**No. of Classes allotted: 15**

Topics to be covered	No. of Hours required
Fundamentals of Quantum Mechanics	1
Linear Vector space, Dirac's Ket and Bra notation	2
Eigen equation, Eigenkets and Eigenvalues	3
Degenerate and nondegenerate states	1
Wave functions in position and momentum space.	1
Normalization and Orthogonality of wave functions, change of basis	3
Operators	2
Hermitian operators and their properties-Commuting and non-commuting operators.	2
Total	**15**

UNIT – II

Exactly Solvable problems　　　　　**No. of Classes allotted: 15**

Topics to be covered	No. of Hours required
Exactly solvable and Symmetry problems: The Schrodinger	1
Heisenberg pictures	1
Interaction picture	1
Linear harmonic oscillator-Solution by operator method.	2
Hydrogen atom- Solution of tlre radial part of the Schrodingel equation.	3
Space and time displacements	1
-Unitary operators of space and time displacements and equations of motion	3
Space inversion and unitary inversion operator	1
Intrinsic parity.Time reversal operator	1
anti-linear operator.	1
Total	**15**
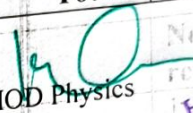
Symmetries in Quantum Mechanics

Topics to be covered	No. of Hours required
	1
Angular Mornentum: Orbital Angular Mome-ntum	2
Commutation Relations inloh ing: L2, L, ,L) .L, -	2
Eigenvalues and Eigen functions of L2	3
Generalized angular rnomenturn. J.Commutation relations between J2 and compotients ot' J. J+ and J	
Eigcn values of J2 and J,. Matrix representation for J2 and J,. Spin angular momentum	2
Paulilpin matrices and their pioperries	1
Addition ol'angular momenta - Clebsch-Cordon coel'flcients	2
Recursion relations-C-G coefficients for Jt = t/., Jz: /2. and J1 - 1/2, J2 = l, as examples	2
Total	**15**

HOD Physics

Signatures

Name of the Teacher:

Dr. M. Keshvulu Goud

Signatures

NIZAM COLLEGE: DEPARTMENT OF PHYSICS

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester I)

Class: M.Sc. Previous-I semester   **Section: Physics**

Course/ Paper: Classical Mechanic (P-102T)   **Paper-II**

Units: 3   **No. of Hours Allotted: 45**

Topics to be covered	No. of Hours
Unit I: Newtonian formalism: Introduction, Inertial frames, Galilean transformations,	1
Non Inertial frames, Pseudo forces	1
Rotational frames, transformations	1
Conservation theorems	2
Description of rotations in terms of Euler angles	2
Euler's equation of motion for a rigid body	2
Minkowski's space	1
Space-time diagrams	1
World point and world line-relativistic motion	1
Lorentz transformations as rotations in four space	1
Four velocity, energy-momentum vectors with few examples	2
UNIT-II: Lagrangian formalism: Constraints, Generalized coordinates	2
Principle of virtual work and D Alembert's principle	2
Lagrange's Equation from D Alembert's principle	1
Examples of Lagrange's Euation.-Plane pendulum	1
Equation of motion of Spherical pendulum	1
Equation of motion of L-C circuit	1
Velocity dependent potential-Lagrangian for a charged particle in EM field	2
Theory of small oscillations, stable and unstable neutral equilibrium	1
Free vibrations of a linear tri-atomic molecules	1
Eigen value Equation	1
Principal axis transformation	1
Frequencies and Normal modes	1

UNIT-III: Hamilton's formalism: Euler's Eq. from Lagrange's eq.	1
Hamilton's principle-Lagrange's Eq. from Hamilton's principle	1
Principle of least action	1
Application of Hamilton's Equation- Motion of a particle in central force field	1
Projection motion of a body-Equation of motion	1
Charged particle moving in a electromagnetic field	1
Cyclic coordinates	1
Conservation theorems	2
Canonical coordinates and canonical transformations, generating functions	2
Condition for a transformation to be canonical	1
Lagrange and Poission's brackets, its properties	1
Hamilton's Equation in Poission's bracket form	1
Hamilton-Jacobi's equation , Harmonic oscillator by Hamilton-Jacobi method	1
TOTAL	**45**

Name of the Teacher:

Dr.G.Mamatha

Signature:

Head, Department of Physics

Dr Kaleem Ahmed Jaleeli

HEAD
Department of Physics
Nizam College, OU Hyd.

Signature:

NIZAM COLLEGE
LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023
DEPARTMENT OF PHYSICS

Semester - I

Class: MSc Final
Paper- I (P- 101T)
Subject: Physics

MATHEMATICAL PHYSICS

No. of Hours Allotted: 45

Unit – I: Linear Differential equations with variable coefficients	No. of Hours Allotted: 15
Topic to be Covered	**No. of Hours**
Legendre's Differential Equation: The Power series Solution	1
Legendre Functions of the first and second kind	2
Generating Function	1
Rodrigue's formula	1
Orthogonal Properties	1
Recurrence Relations	1
Bessel's Differential Equation: The Power series Solution	1
Bessel Functions of First and Second kind	2
Generating Function	1
Orthogonal Properties	1
Recurrence Relations	1
Elements of complex analysis	2
TOTAL	**15**
Unit – II: Beta and Gamma Functions	No. of Hours Allotted: 15
Topic to be Covered	**No. of Hours**
Beta and Gamma Functions – Properties and their Relations	1
Hermite Differential Equation: The Power series Solution	1
Hermite polynomials	1
Generating Function	1
Orthogonality	1
Recurrence relations	1
Rodrigues formula	1
Laguerre Differential equations: The Power series Solution	1
Generating Function	1
Rodrigues formula	1
Recurrence relations	1
Orthogonal Properties	2
Interral representation of Laguerre differential equations:	1
Green's function	1
Paltial differential equations (laplace. wave and heat equations in two and three dimensions)	1
TOTAL	**15**

Unit – III: Fourier and Laplace Transforms; Matices and Tensors	No. of Hours Allotted: 15
Topic to be Covered	No. of Hours
Fourier Transform: Infinite Fourier Sine and Cosine transforms	1
Fourier Sine and Cosine transform of derivatives	1
Finite Fourier transforms and Applications of Fourier Transforms	1
Laplace Transform: Properties of Laplace transforms	1
Inverse Laplace transforms and its properties	1
Inverse Laplace theorem	1
Convolution theorem	1
Matrices - eigen values- eigen vectors -	1
Characteristic equation of a matrix	1
Cayley Hamilton theorem	1
Tensors -Order and rank of the tensor	1
Transformation laws of covariant contra-variant and mixed tensors	1
Properties of tensors:	1
Addition. substraction and multiplication of tensors	1
Outer and inner products; Contraction of tensors and quotient law	1
TOTAL	**15**

Name of the Teacher:

Dr. CH. Venkateshwarlu

Signatures

HOD

NIZAM COLLEGE
DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester IV)

Class: B.A. Sociology   **Section:** Sociology

Course/Paper: IV : RURAL AND URBAN SOCIOLOGY

Unit: I   **No.of Hours Allotted**: 15

Topics to be covered	No. of Hours
Meaning, Importance of Rural Sociology	2
Nature and Scope of Rural Sociology	2
Meaning, Importance of Urban Sociology	2
Nature and Scope of Urban Sociology	2
Rural Communities: Characteristics	2
Urban Communities: Characteristics	2
Rural-Urban Continuum	1
Concept of Settlement: Village, Town, City	2
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar   Head, Department of Sociology

Signature: Signature:

NIZAM COLLEGE
DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester IV)

Class: B.A. Sociology   **Section:** Sociology

Course/Paper: IV : RURAL AND URBAN SOCIOLOGY

Unit: II   **No. of Hours Allotted**: 15

Topics to be covered	No. of Hours
Caste System, Jajmani System, Caste based Segregation	02
Agrarian Social Structure and Emerging Class Structure in Rural India	02
Caste and Class	02
Gram Swaraj, Panchayat Raj	02
Impact of Green Revolution and Land Reforms in India	02
Migration: Push Factors, Rural to Urban	02
Rural Development and Poverty Alleviation Programmes - CDP, IRDP, SGSY, MGNREGS, NRLM	03
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar

Signature:

Head, Department of Sociology

Signature:

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Osmania University

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester IV)
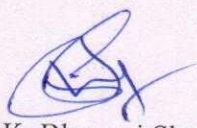
Class: B.A. Sociology   **Section:** Sociology

Course/Paper: IV : RURAL AND URBAN SOCIOLOGY

Unit: III   **No. of Hours Allotted**: 15

Topics to be covered	No. of Hours
Impact of Industrialization on Urbanization in India	3
Urban Areas: Definition, Types and Growth	2
Urbanism as a Way of Life	2
Migration	2
Pull Factors	2
Push Factors	2
Types of Migration	2
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar   Head, Department of Sociology

Signature: Signature:

NIZAM COLLEGE
DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester IV)

Class: B.A. Sociology   **Section:** Sociology

Course/Paper: IV : RURAL AND URBAN SOCIOLOGY

Unit: IV   **No. of Hours Allotted:** 15

Topics to be covered	No. of Hours
Theories of City Growth	1
Central Place Theory	4
Concentric Zone Model	4
Hoyt Sector Theory	3
Multiple Nuclei Theory	3
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar   Head, Department of Sociology

Signature: Signature:

NIZAM COLLEGE
DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester IV)

Class: B.A. Sociology   **Section:** Sociology

Course/Paper: IV : RURAL AND URBAN SOCIOLOGY

Unit: V   **No. of Hours Allotted**: 15

Topics to be covered	No. of Hours
Urban Problems:	01
Over-Population	01
Housing	01
Slums	01
Unemployment	01
Environmental Pollution	01
Traffic Congestion	01
Urban Poverty	01
Education	01
Health	01
Urban Development Programmes: JNNURM	01
SSRY	01
Smart Cities Project	01
Urban Planning: Principles and Practices	01
Role of a Sociologist in Country and Town Planning	01
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar   Head, Department of Sociology

Signature: Signature:

NIZAM COLLEGE
DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022- 23 (Semester III)

Class: B.A. Sociology   **Section:** Sociology

Course/Paper: III : **RESEARCH METHODOLOGY**

Unit: I

No.of Hours Allotted: 15

Topics to be covered	No. of Hours
Theory and Research	
	2
Concepts, Construct, Values	
	2
Hypothesis	
	2
Scientific Method, Subjectivity vs Objective Debate, Value Neutrality	
	1
Meaning, Definitions and Characteristics of Social Research	
	2
Types of Research: Pure and Applied – Qualitative and Quantitative - Cross-sectional and Time Series.	
	2
Purpose of Research: Exploratory, Descriptive and Explanatory	
	2
Major Steps in Social Research	
	2
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar

Signature:

Head, Department of Sociology

Signature:

NIZAM COLLEGE
DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022- 23 (Semester III)

Class: B.A. Sociology

Section: Sociology

Course/Paper: III : **RESEARCH METHODOLOGY**

Unit: I I

No.of Hours Allotted: 15

Topics to be covered	No. of Hours
Research Design – Aims and Importance	2
Types of Research Design	4
Exploratory Design – Their Advantages and Disadvantages.	3
Descriptive Design –Their Advantages and Disadvantages.	3
Experimental design – Their Advantages and Disadvantages.	3
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar

Signature:

Head, Department of Sociology

Signature:

NIZAM COLLEGE
DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022- 23 (Semester III)

Class: B.A. Sociology

Section: Sociology

Course/Paper: III : **RESEARCH METHODOLOGY**

Unit: III

No. of Hours Allotted: 15

Topics to be covered	No. of Hours
Universe/Population	2
Characteristics of Sample	1
Criteria for Sample Size – Sample Size Formulas	2
Sampling Design	3
Probability Sampling Method	3
Non-Probability Sampling Methods	3
Sampling Errors	1
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar

Signature:

Head, Department of Sociology

Signature: Dept. of Sociology
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NIZAM COLLEGE
DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022- 23 (Semester III)

Class: B.A. Sociology   **Section:** Sociology

Course/Paper: III : **RESEARCH METHODOLOGY**

Unit: IV   **No. of Hours Allotted**: 15

Topics to be covered	No. of Hours
Observation	
	2
Interview Schedule	
	2
Case Study	
	2
Questionnaire method	
	2
Survey Format	
	2
Focus Group Study	
	2
PRA/PLA	
	2
Content Analysis	
	1
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar   Head, Department of Sociology

Signature: Signature:

NIZAM COLLEGE
DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022- 23 (Semester III)

Class: B.A. Sociology   **Section:** Sociology

Course/Paper: III : **RESEARCH METHODOLOGY**

Unit: V   **No.of Hours Allotted**: 15

Topics to be covered	No. of Hours
Social Statistics –their Importance, Types and Usages	2
Frequency Distribution Tables	1
Diagrammatic and Graphic Representation of Data	2
Measures of Central Tendency	2
Mean	2
Median	2
Mode	2
Research Report Writing – Purpose, Audience – Format, Tones & Styles (Citation & References)	2
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar   Head, Department of Sociology

Signature: Signature:

DEPARTMENT OF SOCIOLOGY
NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.
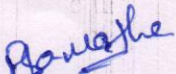
LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: Dr. B Y MAMATHA			Designation : PTL	
Name of the Course: BA	Semester: V	Paper : V (A)	Unit : I,II,III,IV,V	
Paper title: **Social Anthropology**				

s. no	Name of the topic	No of hours required
1	**Social Anthropology** Definition, Meaning, and Scope of Anthropology. Relationship of Anthropology with Sociology and its Branches Meaning and Definition of Tribes Characteristics of Tribal Society Distribution of Tribes in India – Geographical, Racial, Linguistics	15
2	**Culture** Concept, Definition and Characteristic of culture Cultural Traits, Ethos and Cultural Processes: Fission, Diffusion, Acculturation, Enculturation, Assimilation. Cultural Theories: British, American and Chicago School of thoughts	15
3	**Social Institutions** Family and Marriage: Definitions, Characteristics and Typologies Kinship: Structure, Types and Usages. Clan, Moiety, Phratry, Lineage, Descent	15
4	**Tribal Economy, Polity and Religion** Characteristics and Forms of Tribal Economy: formalist, Tribal Religion: Animism, Animatism, Totemism, Naturism, Shamanism, Structural-Functionalism - Religion and Magic: James Frazer, Raymond Firth	15
5	**Tribal Problems, Law and Justice** Tribal Law and Justice Exploitation of Tribes Land alienation and Displacement Problems of Health and Nutrition Constitutional Provisions for Scheduled Tribes Tribal Development in India	15

Signature of the Teacher

Signature of the Head
Dept. of Sociology

NIZAM COLLEGE : DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023(Semester II)

Class : BA I   **Section:** SOCIOLOGY
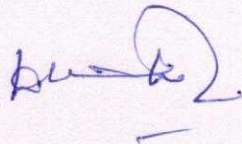
Course/Paper: II- Indian Society: Structure and Change

Unit:I   **No. of Hours Allotted**: 15hrs

Topics to be covered	No. of Hours
Approaches to the study of Indian society :introduction about society, definition	3
Indological approach : origin and development of Indian society and culture	3
Civil Rights approach	3
Structural - Functional approach: Indian social structure, culture, caste system	3
Marxist approach: conflict perspective, class system	3
	15hrs

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Name of the Teacher:Dr.D.Thirupathi   Head Department of Sociology

Signature: Signature:

NIZAM COLLEGE : DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2020-2021(Semester II)
Class : BA I   **Section:** Sociology

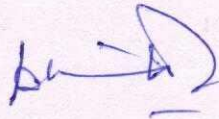**Course/Paper: II - Indian Society: Structure and Change**

Unit:II   **No. of Hours Allotted**: 15
hrs

Topics to be covered	No. of Hours
Foundation of Indian Civilization : history of Mohenjo-Daro, Harappa civilization and Indus valley civilization, Epics –Ramayana, Mahabharata and Bhagavad-Gita	2
Varna: race and origin of varna system, about Vedas	2
Ashrama: meaning ,definition and importance of ashramas in Indian society	1
Purusharthas : meaning ,definition, importance and duties of purusharthas	2
Caste , Theories of Origin of Caste:	2
Emergence of Jainism and Budhism - Their social base	1
Philosophers and their influences on social structure and culture.	3
Economy and Polity in Kautilya : life structure and arthasasttra	2
	15hrs

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NIZAM COLLEGE : DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023(Semester II)
Class : BA I   Section: Sociology

Course/Paper: II- Indian Society: Structure and Change

Unit:III
hrs   **No. of Hours Allotted**: 15

Topics to be covered	No. of Hours
Pre-colonial & Colonial Rule:	1
Pre-colonial : Advent of Islam– Moghul Administration: Introduction about Mughal dynasity, origin and spread of Islam in India	2
Agrarian relations and social classes: introduction, importance and characteristics	2
cultural syncretism : Indian and other cultures (Arabic and islam)	1
Sufism and Bhakti movements: impact of Sufism on Indian society	1
Colonial : Advent of British, westernization, impact on Indian society(culture, religious values, administration, socio-economic changes)	3
Agrarian Social Structure : zamindari system, Jajmani system, tenantcy system, problems faced by the farmers, Land reforms, bhudhan movement	3
Education: influence of education on human society, impact of western education on Indian system, Beauracracy, need, characteristics- Emerging class structure, Agrarian unrest.	2
	15hrs

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NIZAM COLLEGE : DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023(Semester II)

Class : BA I   **Section:** Sociology

Course/Paper: II - Indian Society: Structure and Change

Unit:IV   **No. of Hours Allotted**: 15
hrs

Topics to be covered	No. of Hours
Evolution of Political and Intellectual Responses: Indian and European:introduction	1
European : Max Muller, Marx, Weber	6
Indian Thinkers Response : Rajaram Mohan Roy, Vivekananda, Gandhi, Ambedkar, M.N.Roy.	8
	15hrs

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NIZAM COLLEGE : DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023(Semester II)

Class : BA I   **Section:** Sociology

Course/Paper: II - Indian Society: Structure and Change

Unit:V   **No. of Hours Allotted**: 15
hrs

Topics to be covered	No. of Hours
Post Colonial Development : Introduction, before and after independence changes	2
Indian constitution and its ideal of Democracy, Secularism, Egalitarianism	3
Change and Persistence of caste in Modem India	2
Constitutional Provisions for SC, ST, BC, and Women – Planning and Development	4
Social Movements : agrarian movement, environmental movement etc	2
Globalisation and emerging trends	2
	15hrs

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Signature: Signature:

DEPARTMENT OF SOCIOLOGY
NIZAM COLLEGE (AUTONOMOUS)
Osmania University, Hyderabad-5000 01.

LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: Dr. B Y MAMATHA			Designation : PTL	
Name of the Course: MA	Semester: III	Paper : I	Unit : I,II,III,IV,V	
Paper title: **Contemporary Sociological Theories**				

s. no	Name of the topic	No of hours required
1	Pre-Modernity: Great Chain of Being, Age of Renaissance and Enlightenment – Rene Descartes, Immanuel Kant, Condorcet, Hobbes, Locke, Rousseau, Voltaire, Francis Bacon and Tocqueville	15
2	The Project of Modernity: Classical theories – Karl Marx, Durkheim, Max Weber, George Simmel Contemporary Theories Anthony Giddens, Ulrich Beck, George Ritzer, Zygmunt Bauman, Jurgen Habermas.	15
3	Critique of Modernity: New Philosophy of Science – Karl Popper and Thomas Kuhn, Post-structuralism – Deleuze, Jacques Derrida, Michel Foucault and Julia Kristeva	15
4	Critical Theory:Herbert Marcuse, Theodar Adorno and Horkheimer;Jurgen Habermas – Theory of World, Communicative Action – the Public Sphere; Eric Olin Wright – Sociology of Culture; Benedict Anderson – Imagined Communities; Aloysius - Nations and Nationalism.	15
5	Idea and Condition of Post Modernity: Daniel Bell – Post- Industrial Societies and The End of Ideology; Anthony Giddens, Zygmunt Bauman, Baudrillard, Lyotard, Foucault and Darrida on Post-Modernity; Frederic Jameson: Cultural logic of the late Capitalism; Critique of Post-Modernism: Alex Callinicos - Against Post-Modernism	15

Signature of the Teacher

Signature of the Head

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester I)

Class: M.A. PREVIOUS
Course/Paper: **II: CLASSSICAL SOCIOLOGICAL THOUGHT**   **Section: SOCIOLOGY**

Unit: I

No. of Hours Allotted: 15

Topics to be covered	No. of Hours
Development of Thought	
Introduction to Sociological Theories	1
Typologies of Social Theory: Pre-Modern, Modern & Post-Modern, Micro &	1
Macro Theories	2
Influence of Industrial and French Revolution on Sociological thought	
Auguste Comte: Life and Major Writings	1
Positivism	1
Enlightenment and Conservative Reaction	2
Sociology: The Birth of a New Social Science	1
Hierarchy of Sciences	1
Law of three stages.	1
Social Static and Dynamic	3
	1
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar
Signature:

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LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester I)

Class: M.A. PREVIOUS

Section: SOCIOLOGY

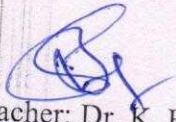Course/Paper: **II: CLASSSICAL SOCIOLOGICAL THOUGHT**

Unit: II

No. of Hours Allotted: 15

Topics to be covered	No. of Hours
Herbert Spencer:	
Theory of Organic Analogy	01
Theory of Evolution	02
Military and Industrial Society	02
Vilfred Pareto:	02
Logical and Non-logical actions	01
Residues and Derivations	01
Theory of Social Utility	02
Theory of Circulation of Elites.	02
	02
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar
Signature:

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DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester I)

Class: **M.A. PREVIOUS**

Section: **SOCIOLOGY**

Course/Paper: **II: CLASSSICAL SOCIOLOGICAL THOUGHT**

Unit: III

No. of Hours Allotted: 15

Topics to be covered	No. of Hours
Karl Marx: Life & Major Works	
Dialectical Materialism and Materialistic Interpretation of History	1
Concept of Classes	2
Theory of Class and Class Conflict	2
Surplus Value	2
Alienation and its Social Implications	2
Ideology and Capitalism	2
Theory of Religion	2
	2
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar
Signature:

NIZAM COLLEGE
DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester I)

Class: M.A. PREVIOUS

Section: SOCIOLOGY

Course/Paper: **II: CLASSSICAL SOCIOLOGICAL THOUGHT**

Unit: IV

No. of Hours Allotted: 15

Topics to be covered	No. of Hours
Emile Durkheim: Rules of Sociological Method	2
Theory of Social Facts	2
Division of Labour	2
Social Solidarity: Mechanical and Organic	2
Collective Consciousness and Anomie	2
Elementary Forms of Religious life	1
Nature of Religion, Sacred and Profane	1
Totemism	1
Suicide: Types and Causes; Suicide and Social Structure.	2
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar
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NIZAM COLLEGE
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LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester I)

Class: M.A. PREVIOUS

Section: SOCIOLOGY

Course/Paper: **II: CLASSSICAL SOCIOLOGICAL THOUGHT**

Unit: V

No. of Hours Allotted: 15

Topics to be covered	No. of Hours
Max Weber: Social Action	2
Types of Social Action; Verstehen; Causality and Ideal Types	3
Values; Power and Authority	2
Types of Authority	2
Class, Status and Party	2
Religion and the Rise of Capitalism	2
Bureaucracy	2
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar
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DEPARTMENT OF SOCIOLOGY

NIZAM COLLEGE (AUTONOMOUS)

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: Dr. B Y MAMATHA				Designation : PTL
Name of the Course: MA	Semester: IV	Paper : I		Unit : I,II,III,IV
Paper title: **Sociology of Environment and Sustainable Development**				

s. no	Name of the topic	No of hours required
1	The concept of Environment and Society, Environmental Sociology: Issues and theoretical approaches. Risley E. Dunlop and Frederick M. Buttel Approaches. Human Ecology to Eco-Sociology. Global Environmentalism – A popular concern The interface between Technology, nature and society. Environmental Policy - Environmental law and legislation – Pollution Monitoring and Control	15
2	Environmental Movements: Chipko Movement, Appiko Movement; Narmada Bachao Andolan; The Bhopal Gas Tragedy; Women and Environment, Eco-feminism: The role of NGOs in Environmental Movements, Environmental degradation and Climate change: Global Concerns	15
3	Sustainable Development: A Sociologist's view of the Definition, origin and implications of the concept. Environmental Management, Accounting and Commitment Conserving for the future operationalizing the sustainable development process. Natural Resource Management – Self–reliance, appropriate technology, Institution building, Water management, participatory development.	15
4	The Environmental Problems: Environmental awareness. Environmental Education and information, Stratification and Environmental issues. Air Pollution, water pollution, Noise pollution, Ozone Depletion, deforestation, population pressures- Disaster Management	15

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LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester II)

Class: M.A. PREVIOUS   **Section: SOCIOLOGY**
Course/Paper: II: RESEARCH METHODOLOGY – SOCIAL STATISTICS AND COMPUTER APPLICATIONS

Unit: I

No. of Hours Allotted: 15

Topics to be covered	No. of Hours
Sociology as a Science	1
Scientific Method and Social Research	1
Ethical Issues in Social Research: Subjectivity vs Objective Debate, Value Neutrality	1
Types of Research: Pure and Applied	1
Qualitative and Quantitative	1
Cross-sectional and Time Series	1
Purpose of Research	1
Exploratory Research	1
Descriptive Research	1
Explanatory Research	1
Theory and Research –Concepts, Construct, Values	1
Hypothesis	2
Major Steps in Social Research	2
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar
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DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester II)

Class: **M.A. PREVIOUS**   Section: SOCIOLOGY

Course/Paper: **II: RESEARCH METHODOLOGY – SOCIAL STATISTICS AND COMPUTER APPLICATIONS**

Unit: II

No. of Hours Allotted: 15

Topics to be covered	No. of Hours
Quantitative and Qualitative Research	2
Research Design – Aims and Importance	2
Types of Research Design	2
Exploratory Design - Advantages and Disadvantages	3
Descriptive Design - Advantages and Disadvantages	3
Experimental Design - Advantages and Disadvantages	3
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar
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LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester II)

Class: M.A. PREVIOUS

Section: SOCIOLOGY

Course/Paper: **II: RESEARCH METHODOLOGY – SOCIAL STATISTICS AND COMPUTER APPLICATIONS**

Unit: III

No. of Hours Allotted: 15

Topics to be covered	No. of Hours
Sampling Techniques	
	1
Universe/Population	
	1
Characteristics of Sample, Criteria for Sample Size, Sample Size Formulas	
	1
Sampling Design: Probability and Non-Probability Methods	
	1
Tools and Techniques of Data Collection	
	1
Questionnaire	
	1
Interview Schedule	
	1
Observation	
	1
Interview	
	1
Case Study	
	1
Ethnography	
	1
Focus Group Study	
	1
PRA/PLA	
	1
Content Analysis	
	1
Oral History	
	1
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar
Signature:

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DEPARTMENT OF SOCIOLOGY

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester II)

Class: M.A. PREVIOUS

Section: SOCIOLOGY

Course/Paper: **II: RESEARCH METHODOLOGY – SOCIAL STATISTICS AND COMPUTER APPLICATIONS**

Unit: IV

No. of Hours Allotted: 15

Topics to be covered	No. of Hours
Data Processing, Classification, Tabulation and Analysis	1
Social Statistics – Importance and Usage	2
Typological Statistical Data – Formation of Frequency	1
Distribution Tables	1
Diagrammatic and Graphic Representation of Data	1
. Measures of Central Tendency: Mean, Median, Mode	3
Quartile, Decile, Percentile	3
Measures of Dispersion: Range, Skewness, Kurtosis, Standard and Mean Deviation	3
	15hrs

Name of the Teacher: Dr. K. Bhavani Shankar
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LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023 (Semester II)

Class: M.A. PREVIOUS

Section: SOCIOLOGY

Course/Paper: **II: RESEARCH METHODOLOGY – SOCIAL STATISTICS AND COMPUTER APPLICATIONS**

Unit: V

No. of Hours Allotted: 15

Topics to be covered	No. of Hours
Measures of Association/Relations : Correlation and Regression	2
Measures of Testing of Hypothesis: Parametric Tests: T-test, Z-test, ANOVA & MANOVA (F-test)	4
Non- Parametric tests: Chi-square, Phi-test, R-test etc	3
Introduction to Spread Sheet Packages: Ms-Excel, SPSS –Coding and Recoding	2
Salient Features - Usage in Data Analysis	2
Research Report Writing – Purpose, Audience – Format, Tones & Styles (Citation & References)	2
	15hrs

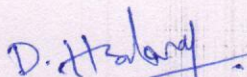Name of the Teacher: Dr. K. Bhavani Shankar
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DEPARTMENT OF SOCIOLOGY
NIZAM COLLEGE (AUTONOMOUS)
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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: Dr.DIDGI HARSHAVARDHAN			Designation : PTL	
Name of the Course: M.A	Semester: II	Paper : IV	Unit : I,II,III,IV,V	
Paper title: **INDIAN SOCIETY: STRUCTURE AND CHANGE**				

	Topics to be covered	No of hours required
1	Approaches to the Study of Indian Society: Indological / Textual Perspectives: Manu, Ghurye, Louis Dumont Structural-Functional Perspective: MN Srinivas, SC Dube Marxist Perspective: DP Mukherjee, AR Desai Civilizational Perspective: NK Bose, Surajit Sinha Subaltern Perspective: Phule, BR Ambedkar, David Hardiman Ethnic Formation of Indian Society: Indo-Aryans, Dravidians and Aboriginals and their contributions to the making of India's Social Structure and Culture – Critical Appraisals. Civilization: Unique Vs. Mosaic Theory of Indian Society.	15
2.	Foundation of Indian Social Organization: *Varnasshramas – Purusharthas –Guna - Karma* – Rebirth and their Interpretation in Ancient and Contemporary Context. *Varna* – Caste: Features and Theories of Origin of Caste. Emergence of Jainism and Buddhism – Their Social Base, Philosophers and their Influences on Social Structure and Culture. Economy and Polity of Kautilya – Foundations of Adwaitha, Dwaitha, Visistaadwaitha etc. - Jajmani System.	15
3.	Advent of Islam and Zoroastrianism: Cultural Syncretism and Emergence of Divergent World-Views and Social Classes - Sufism and Bhakti Movements. Colonial Period: Advent of British and Christianity - Emergence of Modern Structures and Classes - Agrarian Social Structure & Unrest, Land Reforms, Education, Bureaucracy.	15
4.	Dissent, Protest, Reformation - Intellectual Responses: European and Indian Thinkers - Max Muller, Karl Marx, Max Weber - Rajaram Mohan Roy, Dayananda Saraswathi, Vivekananda, Gandhi, Ambedkar, M.N. Roy. Revivalism: Westernization, Sanskritization, Hindutva.	15
5.	Post-Colonial Development: Indian Constitution and its Idea of Democracy, Secularism, Egalitarianism– Constitutional Provisions for SC, ST, BC and Women – Planning and Development. Tensions and Conflicts in India: Linguism, Casteism, Regionalism, Communalism - Social Movements – Globalization and Emerging Trends.	15

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: Dr. B Y MAMATHA			Designation : PTL	
Name of the Course: MA	Semester: IV	Paper : III	Unit : I,II,III,IV,V	
Paper title: **Social Anthropology**				

s. no	Name of the topic	No of hours required
1	**Social Anthropology** Definition, Meaning, and Scope of Anthropology. Relationship of Anthropology with Sociology and its Branches Meaning and Definition of Tribes Characteristics of Tribal Society Distribution of Tribes in India – Geographical, Racial, Linguistics	15
2	**Culture** Concept, Definition and Characteristic of culture Cultural Traits, Ethos and Cultural Processes: Fission, Diffusion, Acculturation, Enculturation, Assimilation. Cultural Theories: British, American and Chicago School of thoughts	15
3	**Social Institutions** Family and Marriage: Definitions, Characteristics and Typologies Kinship: Structure, Types and Usages. Clan, Moiety, Phratry, Lineage, Descent	15
4	**Tribal Economy, Polity and Religion** Characteristics and Forms of Tribal Economy: formalist, Tribal Religion: Animism, Animatism, Totemism, Naturism, Shamanism, Structural-Functionalism - Religion and Magic: James Frazer, Raymond Firth	15
5	**Tribal Problems, Law and Justice** Tribal Law and Justice Exploitation of Tribes Land alienation and Displacement Problems of Health and Nutrition Constitutional Provisions for Scheduled Tribes Tribal Development in India	15

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: Dr. DIDGI HARSHAVARDHAN	Designation : PTL

Name of the Course: M.A	Semester: II	Paper : I	Unit : I,II,III,IV,V

Paper title: MODERN SOCIOLOGICAL THEORIES

	Topics to be covered	No of hours required
1.	Introduction to Functional and Middle Range Theories - Talcott Parsons: Social Action and Social System – AGIL Paradigm – Social Evolution - Pattern Variables; Robert K. Merton: Middle Range Theory – Functional Analysis and Functional Alternatives – Theory of Cultural Anomie and Deviance.	15
2.	Introduction to Conflict Theory: CW Mills: Power Elite - Class Relationship and Alliance - Sociological Imagination; Ralf Dahrendorf: Theory of Conflict - Class and Class Conflict in Industrial Society; Lewis Coser: The Functions of Social Conflict;George Simmel: Foundations of Conflict Theory - Levels of concern - Dialectical thinking - Individual consciousness – Sociability; Social Geometry – Philosophy of Money and Stranger – Secrecy, Filtration and Fashion.	15
3.	Overview on Neo-Marxism: Antonio Gramsci - Hegemony, Intellectuals and Education, State & Civil Society, Historicism, Critique of Economism and Materialism; Althusser: Marx Thought and The Epistemological Break, Marxism: Levels & Practices, Contradiction and Over determination, State Apparatus: Ideological and Repressive; Nicos Poulontzas: Instrumental Marxism - Classes in Contemporary Capitalism – Political Power and Social Classes.	15
4.	Symbolic Interactionism: Charles Horton Cooley; George Herbert Mead, Herbert Blumer. Exchange Theory: George Homans, Peter Blau.	15
5.	Anthony Giddens: Structure, Agency and Structuration; Phenomenology and Ethnomethodology: Alfred Schutz, Harold Garfinkel, Husserl, Goffman.	15

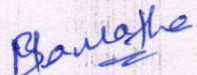Signature of the Teacher

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: Dr. B Y MAMATHA				Designation : PTL	
Name of the Course: MA	Semester: III	Paper : II		Unit : I,II,III,IV,V	
Paper title: **Sociology of Development**					

s. no	Name of the topic	No of hours required
1	Conceptual Perspective on Development a) Concept of Change, Progress and Development b) Economic Growth c) Human Development d) Social Development e) Sustainable Development: Ecological and Social	15
2	Theories of Development a) Liberal Theories: Max Weber, Gunnar Myrdal b) Economic Theory: Karl Marx c) Dependency Theories: Frank's Centre-Periphery theory, Samir Amin's Under-development theory, Wallerstein's World System theory d) Partial Theories: Theory of Big Push and Balanced Growth	15
3	Paths of Development a) Socialist b) Mixed Model c) Gandhian Capitalist	15
4	Social Structures and Development a) Social Structure as a facilitator / inhibitor b) Development and Socio-Economic Disparities c) Gender and Development. d) Culture as an aid / impediment in Development.	15
5	Development Issues in India a) Development Induced Displacement: SEZ, Dams, Industries b) Issues in Resettlement and Rehabilitation c) Development Planning and Policies: Industrial, Education, Agriculture, Health, Rural and Tribal Development	15

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DEPARTMENT OF SOCIOLOGY
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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: Dr. Parandamulu . Ch				Designation : **Assistant Professor** ©
Name of the Course: M.A	**Semester: III**	**Paper : II**		**Unit : I,II,III,IV,V**
Paper title: Sociology of Development				

s. no	Name of the topic	No of hours required
1	I. Conceptual Perspective on Development: a) Concept of Change, progress and development b) Economic development c) Social development d) Sustainable development: Ecological and social	15
2	II. Theories of Development: **a)** Liberal Theories: Max Weber, Gunnar Myrdal **b)** Economic Theory: Karl Marx **c)** Dependency Theories: Frank's Centre-Periphery theory, Samir Amin's Under-Development theory, Wallerstein's World System theory **d)** Partial Theories: Theory of Big Push and Balanced Growth	15
3	III. Paths of Development: a) Socialist b) B)Mixed Model c) Gandhian d) Capitalist	15
4	IV. Social Structures and Development: a) Social Structures as a facilitator/inhibitor b) Development and Socio-Economic Disparities c) Gender and Development d) Culture as an aid/impediment in Development.	15
5	V. Development Issues in India: a) Development Induced Displacement: SEZ, Dams, Industries. b)Issues in Resettlement and Rehabilitation c)Development Planning and Policies : Industrial, Education,Agriculture, Health, Rural and Tribal Development	15

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: Dr. DIDGI HARSHAVARDHAN				Designation : PTL
Name of the Course: M.A	Semester: IV	Paper : IV		Unit : I,II,III,IV,V
Paper title: THEORY AND PRACTISE OF SOCIAL WORK				

s. no	Name of the topic	No of hours required
1	Social Work Profession, Philosophy and Ideology: Concept of Social Welfare, Social Service and Social Work, Religious Philanthropic, Rationalistic humanistic and modern philosophical base of Social Work. Objectives and Goals of Social Work Service: Development and Remedial.	15
2	Historical Development of Social Work in India Voluntary Action and Role of Voluntary Organizations Voluntary Action, Social Change and Development. Emergence and Development of Social Work.	15
3	Basic Principles, Values, Ethics and functions of Professional Social Work. Sociology and Social Work for Social Development and Social Welfare.	15
4	Fields of Social Work Practice: Family and Child Welfare, Medical and Psychiatric Social Work, Correctional Social Work, Rural, Urban and Tribal Community Development.	15
5	Research Process and Nature of Social Work Research. Objectives, Nature, Scope and Process of Social Work Research Role of Research in Social Work Practice. Social Work Research and Social Reconstruction	15

Signature of the Teacher
Dr. DIDGI HARSHAVARDHAN

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LESSON PLAN FOR THE ACADEMIC YEAR: 2022-2023

Name of the teacher: Dr. Parandamulu ch				Designation : **Assistant Professor** ©
Name of the Course: M.A	Semester: I	Paper : III		Unit : I,II,III,IV,V
Paper title: Rural Sociology And Urban Sociology				

s. no	Topic to be Covered	No of hours
1	I. Rural and Urban Sociology: a)Definition, Meaning, Nature and scope of Rural and urbanSociology. b) Rural and Urban Society Characteristics – Rural Urban Differences and Continuum – Notion of village, Town/City- Agriculture and Industrial. c)Revolution-Causes of Urbanization – Relation betweenUrbanization and Industrialization, Population in Rural and Urban Areas – ItsGrowth and Implications	15
2.	II: Social Structure of Rural and Urban Communities- a) Caste, Jati, Ethnicity, Diaspora-Inter-Caste relationship, jajmani system – Major theoretical perspectivesin Urban Sociology b) Patterns of urban growth-urban c) Ecology-Concentric Zone theory-Hoyt's sector theory, Multiple –Nuclei theory-Central place theory-Urbanism as away of life	15
3.	III: Rural economy in India-Rural Development Initiatives –programmes in India-Rural unrest a) Green Revolution-Sustainable and Non-SustainableDevelopment-Industrial growth and urbanization b) Migration: Factors, problems and prospects c)urbanization and development-identity, culture,contradictions and social tensions in cities c)Ecology and Environment on slums, residential areas-problems and solution. d) Changing urban life –its ramifications.	15
4.	IV: Village Governance during pre and post independence- a) Panchayati Raj System: its impact on Rural India-land Reforms-liberalization b) Globalization-Social change in village India. Rural unrest-suicides of farmers and weavers-devastation of artisan profession and its effect on rural economy.	15
5.	V : a) City/Town planning-concept, theory and practice – urban problems-traffic and transportation-sewerage andwaste disposal – drinking b) Water-problems of unplanned settlements-its impact onhealth, c) Education- Employment-Environment-overall wellbeing. d) Urban pollution –Air, water, geo, noise in cities-Government. e). Measures-Interventions of NGO's-National Urbanizationpolicy in India.	15

Signature of the Teacher

Signature of the Head

Dept. of Sociology

NIZAM COLLEGE : DEPARTMENT OF **TELUGU**

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023

Topic: Classical and Modern Literature, Grammer

UG BA/BCom/BBA/BSc I year I Semister SL: Telugu Paper - II

Unit: I		No. of Hours Allotted: 60
Topic to be covered		**No. of Hours**
1.	శకుంతలోపాఖ్యానం – కవిపరిచయం	1
2.	శకుంతలోపాఖ్యానం – పాఠ్యసంగ్రహం	1
3.	కథ ప్రారంభం – పాత్రల పరిచయం	1
4.	శకుంతలోపాఖ్యానం – కథ అన్వయం	1
5.	శకుంతలోపాఖ్యానం – ముగింపు	1
6.	గొడగూచి కథ – కవిపరిచయం	1
7.	గొడగూచి కథ – పాఠ్య సంగ్రహం	1
8.	గొడగూచి కథ – పాత్రల పరిచయం	1
9.	గొడగూచి కథ – కథాన్వయం	1
10.	గొడగూచి కథ – ముగింపు	1
11.	త్యాగనిరతి – కవి పరిచయం	1
12.	పాఠ్యాంశ పరిచయం	1
13.	త్యాగనిరతి కథ – వివరణ	1
14.	త్యాగం యొక్క గొప్పతనం చెప్పడం	1
15.	ముగింపు	1
	యూనిట్ – 2	
1.	ఆధునిక కవిత్వం పరిచయం	1
2.	గురజాడ పరిచయం	1
3.	కాసులు – పాఠ్యాంశ పరిచయం	1
4.	పాఠ్యాంశ వివరణ	1
5.	రాజు కవి – కవిపరిచయం	1

6.	రాజు – కవిల మధ్య వ్యత్యాసం	1
7.	జాషువా సందర్భ పద్యాల వివరణ	1
8.	గంగిరెద్దు పాఠ్యాంశ పరిచయం	1
9.	తెలుగు సంస్కృతి – సంప్రదాయాలు వివరణ	1
10.	గంగిరెద్దు పాఠ్యాంశ వివరణ	1
11.	గంగిరెద్దు పాఠ్యాంశ ముగింపు	1
12.	ఆధునిక కవిత్వం – అభ్యుదయ కవిత్వ పరిచయం	1
13.	శ్రీశ్రీ జయభేరి పరిచయం	1
14.	జయభేరి పాఠ్యాంశ తాత్త్వికత	1
15.	జయభేరి పాఠ్యాంశ సామాజికత	1
	యూనిట్ – 3	
1.	నవల ప్రక్రియ పరిచయం (ఉపవాచకం)	1
2.	నవల ప్రక్రియ చారిత్రక పరిచయం	1
3.	తెలంగాణ ప్రాంత చారిత్రక పరిచయం	1
4.	'రుద్రమదేవి' నవల రచయితల పరిచయం	1
5.	రుద్రమదేవి నవల ప్రారంభం	1
6.	రుద్రమదేవి నవల అధ్యాయం 1 వివరించుట	1
7.	రుద్రమదేవి నవల అధ్యాయం 2 వివరించుట	1
8.	రుద్రమదేవి నవల అధ్యాయం 3 వివరించుట	1
9.	రుద్రమదేవి నవల అధ్యాయం 4 వివరించుట	1
10.	రుద్రమదేవి నవల అధ్యాయం 5 వివరించుట	1
11.	రుద్రమదేవి నవల అధ్యాయం 6 వివరించుట	1
12.	రుద్రమదేవి నవల అధ్యాయం 7 వివరించుట	1
13.	రుద్రమదేవి నవల అధ్యాయం 8 వివరించుట	1

14.	రుద్రమదేవి నవల అధ్యాయం 9 వివరించుట	1
15.	రుద్రమదేవి నవల అధ్యాయం ముగింపు	1
	యూనిట్ – 4	
1.	తెలుగుభాష – పరిచయం (వ్యాకరణం)	1
2.	తెలుగుబాష వివిధరూపాల అవగాహన	1
3.	పర్యాయ పదాల పరిచయం	1
4.	పర్యాయ పదాల వివరణ	1
5.	నానార్థాల పరిచయం	1
6.	నానార్థాల వివరణ	1
7.	వ్యాకరణ పరిచయం	1
8.	సంధి పరిచయం	1
9.	తెలుగు సంధుల గురించి వివరణ	1
10.	సంస్కృత సంధుల గురించి వివరించటం	1
11.	వివిధ సంధుల వివరణ	1
12.	సమాస పరిచయం	1
13.	సమాసాల గురించి చెప్పటం	1
14.	తెలుగు వాక్య పరిచయం	1
15.	తెలుగు వాక్య నిర్మాణ పద్ధతులను చెప్పడం	1

Name of the Teacher   :   Head, Dept. of Telugu

Dr. K. Narender   : K.N

Dr. P. Nagendar   : P.N

Dr. N. Sharath Babu :

Dr. B. Rajaram   :

Dr. V. Kumara Swamy

Signature
HEAD
Dept. of Telugu
NIZAM COLLEGE
O. U. Hyderabad.

NIZAM COLLEGE : DEPARTMENT OF **TELUGU**

LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023

Topic: Classical and Modern Literature, Grammer

UG BA/BCom/BBA/BSc I year II Semister SL: Telugu Paper - II

Unit: I		No. of Hours Allotted: 60
Topic to be covered		**No. of Hours**
1.	ప్రాచీన కవిత్వం – పరిచయం	1
2.	గజేంద్ర మోక్షం – పరిచయం	1
3.	గజేంద్రుడి గురించి చెప్పటం	1
4.	గజేంద్రుడి ఆరాటం	1
5.	గజేంద్రుడిని విష్ణువు కాపాడుట	1
6.	హనుమత్ సందేశం – రచయిత్రి పరిచయం	1
7.	హనుమంతుని సీతాన్వేషణ చెప్పుట	1
8.	హనుమంతుని వ్యక్తిత్వం చెప్పటం	1
9.	హనుమంతుని సందేశం వివరించుట	1
10.	సుభాషితాలు – పరిచయం	1
11.	తెలుగు సుభాషితాలు – అవగాహన	1
12.	ఏనుగు లక్ష్మణకవి గురించి చెప్పుట	1
13.	సుభాషితాల వివరణ	1
14.	సుభాషితాలు – మానవ విలువలు	1
15.	సుభాషితాలు– సామాజికత	1
	యూనిట్ – 2	
1.	స్నేహలత లేఖ – కవిపరిచయం	1
2.	స్నేహలత లేఖ నేపథ్యం చెప్పుట	1
3.	లేఖ – ప్రత్యేకతలు చెప్పడం	1

4.	లేఖ పూర్వాపరాలు వివరించుట	
5.	అంతరార్థం – దాశరథి పరిచయం	1
6.	దాశరథి – తాత్విక దృష్టి	1
7.	అంతరార్థం పాఠ్యాంశంలో– సామాజికత	1
8.	అంతరార్థం – ముగింపు	1
9.	ప్రపంచ పదులు – కవి పరిచయం	1
10.	మాత్రా ఛందస్సు – పరిచయం	1
11.	ప్రపంచ పదులు తాత్వికత	1
12.	ప్రపంచ పదులు కవితా సౌందర్యం	1
13.	అల్విదా – కవిపరిచయం	1
14.	వచన కవిత్వ సౌందర్యం గురించి చెప్పుట	1
15.	అల్విదా పాఠ్యాంశ వివరణ	1
	యూనిట్ – 3	1
1.	తెలుగు కథ పరిచయం	1
2.	తెలుగు కథా ప్రకియ అవగాహన	1
3.	తెలంగాణా కథలు చారిత్రిక నేపథ్యం	1
4.	యుగాంతం కథ పరిచయం	1
5.	నెల్లూరి కేశవ స్వామి – పరిచయం	1
6.	యుగాంతం కథ – సామాజికత	1
7.	ఎంకన్న కథ – పరిచయం	1
8.	ఎంకన్న కథ – వివరణ	1
9.	మామిడిపండు కథ – రచయిత పరిచయం	1
10.	సురవరం ప్రతాపరెడ్డి సాహిత్య దృష్టి	1
11.	మామిడిపండు – కథ పరిచయం	1

12.	మామిడిపండు – కథ – గ్రామీణత	
13.	మాడూరు పోయింది – పరిచయం	1
14.	మాడూరు పోయింది – సామాజికత	1
15.	మాడూరు పోయింది – ముగింపు	1
	యూనిట్ – 4	1
1.	ఛందస్సు – పరిచయం	
2.	ఛందస్సు – బేధాలు చెప్పుట	1
3.	వృత్తాలు – వివరించుట	1
4.	జాతుల గురించి చెప్పుట	1
5.	ఉపజాతుల గురించి చెప్పుట	1
6.	గుణాలు గురించి అవగాహన	1
7.	సూర్యగణాల గురించి చెప్పుట	1
8.	ఇంద్ర గణాల గురించి చెప్పుట	1
9.	వృత్తాల గురించి సోదాహరణంగా వివరించుట	1
10.	వృత్తాల గురించి సోదాహరణంగా వివరించుట	1
11.	జాతులను సోదాహరణంగా వివరించుట	1
12.	జాతులను సోదాహరణంగా వివరించుట	1
13.	ఉపజాతులను సోదాహరణంగా చెప్పుట	1
14.	ఉపజాతులను సోదాహరణంగా చెప్పుట	1
15.	ఛందస్సు –ముగింపు	1
		1

Name of the Teacher :

Dr. K. Narender : K.N
Dr. P. Nagendar : P.N
Dr. N. Sharath Babu :
Dr. B. Rajaram :
Dr. V. Kumara Swamy

Head, Dept. of Telugu

Signature

Unit: I		No. of Hours Allotted: 60
	Topic to be covered	No. of Hours
1	ధర్మజుని వాక్చాతుర్యం – కవి పరిచయం	1
2	ధర్మజుని వాక్చాతుర్యం – పాఠ్య సంగ్రహం	1
3	ధర్మజుని వాక్చాతుర్యం – కథా ప్రారంభం	1
4	ధర్మజుని వాక్చాతుర్యం – కథ అన్వయం	1
5	విభీషణ శరణాగతి – పాత్రల పరిచయం, ముగింపు	1
6	విభీషణ శరణాగతి – కవి పరిచయం	1
7	విభీషణ శరణాగతి – పాఠ్య సంగ్రహం	1
8	విభీషణ శరణాగతి – కథా ప్రారంభం	1
9	విభీషణ శరణాగతి – కథ అన్వయం	1
10	విభీషణ శరణాగతి – పాత్రల పరిచయం, ముగింపు	1
11	గుణనిధి కథ – కవి పరిచయం	1
12	గుణనిధి కథ – పాఠ్య సంగ్రహం	1
13	గుణనిధి కథ – కథా ప్రారంభం	1
14	గుణనిధి కథ – కథ అన్వయం	1
15	గుణనిధి కథ – పాత్రల పరిచయం, ముగింపు	1

Unit: II

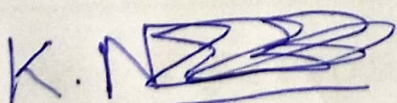|	Topic to be covered	No. of Hours
1	రైతు ప్రశస్తి – కవి పరిచయం	1
2	రైతు ప్రశస్తి – పాఠ్య సంగ్రహం	1
3	రైతు ప్రశస్తి – కథా ప్రారంభం	1
4	రైతు ప్రశస్తి – కథ అన్వయం	1
5	రైతు ప్రశస్తి – పాత్రల పరిచయం, ముగింపు	1
6	గురుదక్షిణ – కవి పరిచయం	1
7	గురుదక్షిణ – పాఠ్య సంగ్రహం	1
8	గురుదక్షిణ – కథా ప్రారంభం	1
9	గురుదక్షిణ – కథ అన్వయం	1
10	గురుదక్షిణ – పాత్రల పరిచయం, ముగింపు	1
11	గుడిసెలు కాలిపోతున్నై – కవి పరిచయం	1
12	గుడిసెలు కాలిపోతున్నై – పాఠ్య సందర్భం	1
13	గుడిసెలు కాలిపోతున్నై – భావాన్వయం	1
14	గుడిసెలు కాలిపోతున్నై –పాఠ్యాంశం –దళితుల ఆవేదన	1
15	గుడిసెలు కాలిపోతున్నై –పాఠ్యాంశం – ముగింపు	1

Unit: III
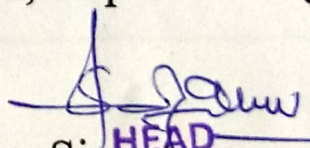
	Topic to be covered	No. of Hours
1	అర్ధరాత్రి అరుణోదయం – రచయిత పరిచయం	1
2	అర్ధరాత్రి అరుణోదయం – స్వాతంత్రోద్యమ పరిచయం	1
3	అర్ధరాత్రి అరుణోదయం – తెలంగాణ చారిత్రక నేపథ్యం	1
4	అర్ధరాత్రి అరుణోదయం – పాఠ్యభాగ సందేశం	1
5	అర్ధరాత్రి అరుణోదయం – ముగింపు	1
6	సి.పి.బ్రౌన్ సాహిత్యసేవ – రచయిత పరిచయం	1
7	సి.పి.బ్రౌన్ సాహిత్యసేవ – పరిచయం	1
8	సి.పి.బ్రౌన్ సాహిత్యసేవ – బ్రౌన్ పరిష్కరణలు	1
9	సి.పి.బ్రౌన్ సాహిత్యసేవ – గ్రంథాల సేకరణ	1
10	సి.పి.బ్రౌన్ సాహిత్యసేవ – సాహిత్య కృషి	1
11	మన గ్రామ నామాలు – రచయిత పరిచయం	1
12	మన గ్రామ నామాలు – గ్రామాలు – భౌగోళిక పరిచయం	1
13	మన గ్రామ నామాలు – గ్రామాలు – నామాల పరిచయం	1
14	మన గ్రామ నామాలు – గ్రామనామాల చారిత్రక నేపథ్యం	1
15	మన గ్రామ నామాలు – ముగింపు	1

Unit: IV	No. of Hours Allotted: 15
Topic to be covered	No. of Hours
1. అలంకారాలు – పరిచయం	1
2. అలంకారాలు – అవగాహన	1
3. శబ్దాలంకారాలు – పరిచయం	1
4. శబ్దాలంకారాలు – బేధాలు	1
5. శబ్దాలంకారాల ప్రత్యేకత	1
6. తెలుగుసాహిత్యంలో శబ్దాలంకారాల ప్రత్యేకత	1
7. శబ్ద సౌందర్యం వివరించుట	1
8. అర్థాలంకారాల పరిచయం	1
9. అర్థ నిగూఢత గురించి చెప్పుట	1
10. అర్థాలంకారాల ప్రత్యేకతలు చెప్పుట	1
11. అర్థాలంకారాల బేధాలు చెప్పుట	1
12. అర్థాలంకారాల ఉన్న విశిష్టతను వివరించుట	1
13. అర్థ సౌందర్యాన్ని, గాఢతను చెప్పుట	1
14. అర్థాలంకారాల వివరణ	1
15. తెలుగు సాహిత్యంలో అర్థాలంకారాల స్థితినిచెప్పుట	1

Name of the Teacher: **Dr.K.Narender**

Head, Dept. of Telugu

K. N౩౩

Signature

Signature

HEAD
Dept. of Telugu
NIZAM COLLEGE
O. U. Hyderabad.

NIZAM COLLEGE : DEPARTMENT OF **TELUGU**
LESSON PLAN FOR THE ACADEMIC YEAR 2022-2023
Topic: Classical and Modern Literature, Drama
UG II year IV Semester SL : Telugu

Unit: I		No. of Hours Allotted: 60
	Topic to be covered	No. of Hours
1	నారద గానమాత్సర్యం – కవి పరిచయం	1
2	నారద గానమాత్సర్యం – పాఠ్య సంగ్రహం	1
3	నారద గానమాత్సర్యం – కథా ప్రారంభం	1
4	నారద గానమాత్సర్యం – కథ అన్వయం	1
5	నారద గానమాత్సర్యం – పాత్రల పరిచయం, ముగింపు	1
6	వాగ్దాన భంగం – కవి పరిచయం	1
7	వాగ్దాన భంగం – పాఠ్య సంగ్రహం	1
8	వాగ్దాన భంగం – కథా ప్రారంభం	1
9	వాగ్దాన భంగం – కథ అన్వయం	1
10	వాగ్దాన భంగం – పాత్రల పరిచయం, ముగింపు	1
11	నారసింహ శతకం – కవి పరిచయం	1
12	నారసింహ శతకథ – పాఠ్య సంగ్రహం	1
13	నారసింహ శతకం – తాత్వికత	1
14	నారసింహ శతకం – వైవిధ్యం	1
15	నారసింహ శతకం – ముగింపు	1

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Unit: II

No. of Hours Allotted: 15

	Topic to be covered	No. of Hours
1	నరుడ నేను, నరుడ నేను – కవి పరిచయం	1
2	నరుడ నేను, నరుడ నేను – పాఠ్య సంగ్రహం	1
3	నరుడ నేను, నరుడ నేను – కథా ప్రారంభం	1
4	నరుడ నేను, నరుడ నేను – కథ అన్వయం	1
5	నరుడ నేను, నరుడ నేను – పాత్రల పరిచయం, ముగింపు	1
6	ఆర్తగీతం – కవి పరిచయం	1
7	ఆర్తగీతం – పాఠ్య సంగ్రహం	1
8	ఆర్తగీతం – గీత ప్రారంభం	1
9	ఆర్తగీతం – గీత అన్వయం	1
10	ఆర్తగీతం – ముగింపు	1
11	దేవరకొండ దుర్గం – కవి పరిచయం	1
12	దేవరకొండ దుర్గం – పాఠ్యభాగ సందర్భం	1
13	దేవరకొండ దుర్గం – భౌగోళికత	1
14	దేవరకొండ దుర్గం – కవిహృదయం వెల్లడి	1
15	దేవరకొండ దుర్గం – ముగింపు	1
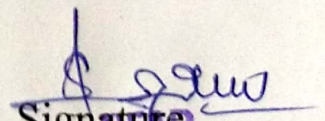
	Topic to be covered	No. of Hours
1	నివురు తొలగిన నిప్పు – రచయిత్రి పరిచయం	1
2	నివురు తొలగిన నిప్పు – కథ పరిచయం	1
3	నివురు తొలగిన నిప్పు – పాత్యభాగ సారాంశం	1
4	నివురు తొలగిన నిప్పు – సందేశం	1
5	నివురు తొలగిన నిప్పు – ముగింపు	1
6	కొండమల్లెలు కథ – రచయిత్రి పరిచయం	1
7	కొండమల్లెలు కథ– పాత్యాంశ అవగాహన	1
8	కొండమల్లెలు కథ – తెలంగాణ చారిత్రక నేపథ్యం	1
9	కొండమల్లెలు కథ – పాత్రల విశ్లేషణ	1
10	కొండమల్లెలు కథ – మానవతాతత్వం	1
11	కొండమల్లెలు కథ – మానసిక అవస్థ	1
12	కొండమల్లెలు కథ – తెలంగాణ సాహిత్య ప్రభావం	1
13	కొండమల్లెలు కథలో దంపతుల అనుబంధం	1
14	కొండమల్లెలు కథ – ప్రయోజనం	1
15	కొండమల్లెలు కథ – ముగింపు	1

Name of the Teacher: **Dr.K.Narender**

Head, Dept. of Telugu

Signature

Signature

Dept. of Telugu
NIZAM COLLEGE
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NIZAM COLLEGE

LESSON PLAN FOR THE ACADEMIC YEAR 2022 –2023

DEPARTMENT OF TELUGU

Class: SECOND LANGUAGE (Telugu) Semester: V   Paper: V

Name of the Subject: తెలుగు

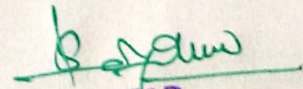Unit –1 కవితా ప్రక్రియలు   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	కవితా ప్రక్రియలు – పాఠ్య భాగ పరిచయం	1
2	పద్యం – వైవిధ్యం	1
3	పద్య నిర్మాణం	1
4	పాట – పరిచయం	1
5	పాట – నిర్వచనం, పాట లక్షణాలు	1
6	వచన కవిత – నిర్వచనాలు	1
7	పరిచయం మినీ కవితా రూపాలు – పరిచయం	1
8	మినీ కవితా రూపాలు – హైకూ పరిచయం	1
9	మినీ కవితా రూపాలు – నానీలు పరిచయం	1
10	మినీ కవితా రూపాలు – మినీ కవితలు	1
11	ఉర్దూ కవితా రూపాలు – రుబాయి	1
12	రుబాయి – రాసే విధానం	1
13	గజల్ – నిర్వచనం	1
14	గజల్ –రాసేవిధానం	1
15	పునశ్చరణ	1

S.NO   Name of the Teacher

1   Dr. V. Kumara swamy

2   Dr. N. Sharath Babu

3   Dr. B. Raja sam

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Dept. of Telugu
NIZAM COLLEGE
O. U. Hyderabad

Class: SECOND LANGUAGE (Telugu) Semester: V   Paper: V

Name of the Subject: తెలుగు

Unit –II తెలుగు వ్యాసం   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	వ్యాసం	1
2	వ్యాసం– నిర్వచనం	1
3	వ్యాసం – లక్షణాలు	1
4	వ్యసపరిణామం ప్రారంభ దశ (1862 –1910)	1
5	వ్యసపరిణామం – వికాస దశ (1910 –1960)	1
6	వ్యసపరిణామం –ఆధునిక దశ (1960-)	1
7	వ్యాసరచన పధతులు	1
8	ఎలా ప్రారంభించాలి ?	1
9	ఎలా ముగించాలి ?	1
10	వ్యాసంలో వస్తు వైవిధ్యం	1
11	ఆరంభం – వైవిధ్యం	1
12	వ్యాస వస్తువు – రకాలు	1
13	వ్యాసరచనలో భాషాప్రయోగాలు	1
14	ఆరంభ దశ, ఆధునిక దశ	1
15	పునశ్చరణ	1

Name of the Teacher

① Dr. V. Kumara Sway

② Dr. N. Shawali Baby

③ Dr. B. Rajaram

HEAD
Dept. of Telugu
NIZAM COLLEGE
O. U. Hyderabad

NIZAM COLLEGE

LESSON PLAN FOR THE ACADEMIC YEAR 2022 –2023

DEPARTMENT OF TELUGU

Class: SECOND LANGUAGE (Telugu) Semester: V   Paper: V
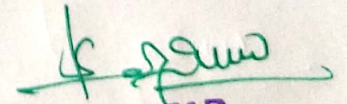
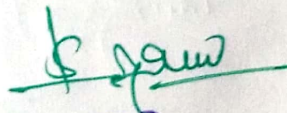Name of the Subject: తెలుగు

Unit –III వచన సాహిత్యం   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	అధ్యయన సంస్కృతి	1
2	అధ్యయన సంస్కృతి నేపధ్యం	1
3	అధ్యయన పద్ధతులు	1
4	సాహిత్య అధ్యయనం ప్రయోజనాలు	1
5	సాహిత్యం నిర్వచనం	1
6	సామాజిక ప్రయోజనాలు	1
7	ముందుమాట	1
8	ముందుమాట ఆవశ్యకత	1
9	ముందుమాట ప్రయోజనాలు	1
10	పుస్తక సమీక్ష నిర్వచనం	1
11	పుస్తక సమీక్ష ప్రయోజనాలు	1
12	సమీక్షకుడి లక్షణాలు	1
13	జానపద సాహిత్యం	1
14	జానపద సాహిత్యం వర్గీకరణ. గేయకథ, దృశ్యకథ	1
15	పునశ్చరణ	1

Name of the teachers: Head department of TELUGU

1. Dr. V. Kumara Swamy

2. Dr. N. Sharath Babu

3. Dr. B. Rajaram

HEAD
Dept. of Telugu
NIZAM COLLEGE
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NIZAM COLLEGE

LESSON PLAN FOR THE ACADEMIC YEAR 2022 –2023

DEPARTMENT OF TELUGU

Class: SECOND LANGUAGE (Telugu) Semester: VI Paper: VI

Name of the Subject: తెలుగు

Unit –I సాహిత్య ప్రక్రియలు పరిచయం   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	నాటకం – నిర్వచనాలు	1
2	నాటక లక్షణాలు	1
3	ఇతివృత్త వైవిధ్యం	1
4	నవల నిర్వచనాలు	1
5	'ప్రజల మనిషి' నవల స్థూల పరిచయం	1
6	పాత్ర చిత్రణ	1
7	కథానిక నిర్వచనాలు	1
8	కథానిక లక్షణాలు	1
9	ఊరు అడవి (కథ)	1
10	జీవిత చరిత్ర నిర్వచనం	1
11	జీవిత చరిత్ర లక్షణాలు	1
12	వికాసం	1
13	ఉపన్యాసకళ	1
14	ఉపన్యాసకళలో విషయ ప్రాధాన్యత	1
15	పునశ్చరణ	1

Name of the Teacher

① Dr. V. Kumara Swamy

② Dr. N. Sharvani Baby

③ Dr. B. Raja ram

NIZAM COLLEGE

LESSON PLAN FOR THE ACADEMIC YEAR 2022 –2023

DEPARTMENT OF TELUGU

Class: SECOND LANGUAGE (Telugu) Semester: VI   Paper: VI
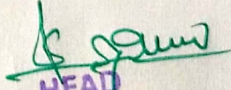
Name of the Subject: తెలుగు

Unit –I సాహిత్య ప్రక్రియలు పరిచయం   No. of Hours **A**llotted: 15

	Topics to be covered	No. of Hours required
1	నాటకం – నిర్వచనాలు	1
2	నాటక లక్షణాలు	1
3	ఇతివృత్త వైవిధ్యం	1
4	నవల నిర్వచనాలు	1
5	'ప్రజల మనిషి' నవల స్థూల పరిచయం	1
6	పాత్ర చిత్రణ	1
7	కథానిక నిర్వచనాలు	1
8	కథానిక లక్షణాలు	1
9	ఊరు అడవి (కథ)	1
10	జీవిత చరిత్ర నిర్వచనం	1
11	జీవిత చరిత్ర లక్షణాలు	1
12	వికాసం	1
13	ఉపన్యాసకళ	1
14	ఉపన్యాసకళలో విషయ ప్రాధాన్యత	1
15	పునశ్చరణ	1

Name of the Teacher

① Dr. V. Kumara swamy

② Dr. N. Sharalta Babu

③ Dr. B. Raja gam

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NIZAM COLLEGE

LESSON PLAN FOR THE ACADEMIC YEAR 2022 –2023

DEPARTMENT OF TELUGU

Class: SECOND LANGUAGE (Telugu) Semester: VI **Paper:** VI

Name of the Subject: తెలుగు

Unit –II జర్నలిజంలో మౌలికాంశాలు   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	వార్త నిర్వచనం	1
2	వార్త లక్షణాలు	1
3	ప్రాధాన్యత, సామీప్యం	1
4	వార్త నిర్మాణం	1
5	ఎడిటింగ్ ఆవశ్యకత	1
6	సబ్ ఎడిటర్	1
7	వార్తా కథనాలు	1
8	వార్తా కథనాలు ప్రాధాన్యత	1
9	వార్త: వార్తాకథనం	1
10	ఇంటర్వ్యూ	1
11	ఎవరిని ఇంటర్వ్యూ చేయాలి	1
12	ఎలా ఇంటర్వ్యూ చేయాలి	1
13	అనువాదం	1
14	అనువాద ప్రక్రియలు దశలు	1
15	పునశ్చరణ	1

Name of the Teacher

① Dr. V. Kumara Swamy

② Dr. N. Shavali Baby

③ Dr. B. Rajasam

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LESSON PLAN FOR THE ACADEMIC YEAR 2022 –2023

DEPARTMENT OF TELUGU

Class: SECOND LANGUAGE (Telugu) Semester: VI   Paper: VI

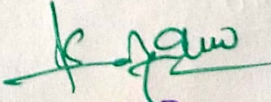Name of the Subject: తెలుగు

Unit –III ప్రాజెక్టు పరిచయం   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	ప్రాజెక్టు – పరిచయం	1
2	శాస్త్ర సాంకేతిక రంగాల్లో ప్రాజెక్టులు	1
3	ప్రభుత్వ పథకాలకు సంబంధించిన ప్రాజెక్టులు	1
4	అధ్యనం	1
5	సంగ్రహ అధ్యయన నివేదిక	1
6	ప్రాజెక్టు అధ్యయనం – సిఫారసులు	1
7	పరికల్పన పరిచయం	1
8	పరికల్పన లక్ష్యం	1
9	పరికల్పన ఆవశ్యకత	1
10	నివేదిక రకాలు	1
11	అధ్యయన సంక్షిప్త నివేదిక	1
12	బృంద పరిశోధన పద్ధతులు	1
13	బృంద పరిశోధన – ఫలితాంశాలు	1
14	ప్రత్యక్ష పద్ధతి	1
15	పునశ్చరణ	1

Name of the teachers: Head department of TELUGU

1. Dr. V. Kumara Swamy

2. Dr. N. Sharath Babu

3. Dr. B. Rajaram

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LESSON PLAN FOR THE ACADEMIC YEAR 2022 – 2023

DEPARTMENT OF TELUGU

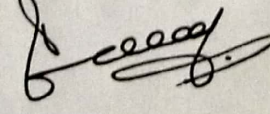Class: BA –I (ML) H.T.P   Semester: I   Paper: I

Name of the Subject: తెలుగు   Title of the Paper: ప్రాచీన కవిత్వం, ఆధునిక కవిత్వం, ఉపవాచకం, భాషా విభాగం, సృజనాత్మకత.
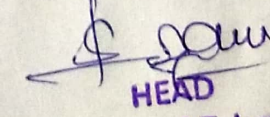
Unit –1 ప్రాచీన కవిత్వం   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	కాలకౌశికుడు – కవి పరిచయం	1
2	కాశీ నగర ఘట్టం	1
3	హరిశ్చంద్రుడు, కాలకౌశికుల మధ్య సంభాషణ.	1
4	హరిశ్చంద్రుడు భార్యాబిడ్డల్ని అమ్మే సన్నివేశం	1
5	ప్రశ్నోత్తరాలు, సందర్భసహిత వ్యాఖ్యలు	1
6	నారదుడు శ్రీకృష్ణుల సంభాషణ	1
7	శ్రీకృష్ణుడు, రుక్మిణీదేవిల సంభాషణ	1
8	సత్యభామ, చెలికత్తెల సంభాషణ	1
9	ప్రశ్నోత్తరాలు, సందర్భసహిత వ్యాఖ్యలు	1
10	సంవరణుడి తపస్సు – కవి పరిచయం	1
11	సంవరణుడి తపస్సు	1
12	సంవరణుడు, తపతుల సంభాషణ	1
13	తపతి వర్ణన	1
14	ప్రశ్నోత్తరాలు, సందర్భసహిత వ్యాఖ్యలు	1
15	సంవరణుడు, తపతుల సంభాషణ	1

Name of the teacher: Dr. D. RamBabu.   Head department of TELUGU

Signature: Signature:

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LESSON PLAN FOR THE ACADEMIC YEAR 2022 – 2023

DEPARTMENT OF TELUGU

Class: BA –I (ML) H.T.P   Semester: I   Paper: I

Name of the Subject: తెలుగు

Unit –II ఆధునిక కవిత్వం   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	రాజధర్మాలు – కవి పరిచయం	1
2	రాజ ధర్మాలు– పాత్యభాగ నేపథ్యం	1
3	రాజు, మంత్రి సంభాషణ	1
4	శివాజీ గుణశీలాలు	1
5	సందర్భసహిత వ్యాఖ్యలు	1
6	ప్రశ్నోత్తరాలు	1
7	పోతన చరిత్రము. కవి పరిచయం	1
8	శ్రీ నాధుని కష్టాలు	1
9	శ్రీ నాధుడు పోతన ఇంటికి వచ్చుట	1
10	శ్రీనాధుని భార్య మరణం	1
11	పోతన భార్యాభర్తల ఆవేదన	1
12	పాత్యభాగ సందేశం	1
13	పాత్యభాగ పూర్తి వివరణ	1
14	సందర్భ సహిత వ్యాఖ్యలు	1
15	ప్రశ్నోత్తరాలు	1

Name of the teacher: Dr. D. Rambabu.

Signature:

Head department of TELUGU

Signature:

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LESSON PLAN FOR THE ACADEMIC YEAR 2022 – 2023

DEPARTMENT OF TELUGU

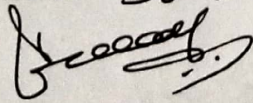Class: BA –I (ML) H.T.P   Semester: I   Paper: I

Name of the Subject: తెలుగు

Unit –III ఉపవాచకం   No. of Hours Allotted: 15
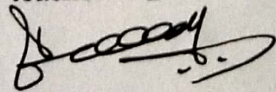
	Topics to be covered	No. of Hours required
1	కొమురం భీం నవల కవిపరిచయం	1
2	ఆదిలాబాద్ జిల్లా పరిచయం	1
3	గోండుల జీవితం – సంస్కృతి	1
4	నిజాం పరిపాలన	1
5	కొమురంభీం బాల్యం – ప్రభావాలు	1
6	కొమురంభీం అస్సాం వెళ్ళే నేపథ్యం	1
7	కొమురంభీం అస్సాంలో గడిపిన రోజులు	1
8	కొమురంభీం సొంతూరికి తిరిగి రావడం	1
9	ఊళ్లను ఏకం చేయడం	1
10	నిజాం మీద యుద్ధాన్ని ప్రకటించడం	1
11	జోడేఘాట్ పోరాటం	1
12	కొమురంభీం అమరత్వం	1
13	కొమురంభీం నవల – పాత్ర చిత్రణ	1
14	కొమురంభీం నవల – శిల్ప వైవిధ్యం	1
15	కొమురంభీం నవల – సామాజిక సందేశం	1

Name of the teacher: DY. D. Rambabu.

Signature:

Head department of TELUGU

Signature:

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NIZAM COLLEGE
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Class: BA –I (ML) H.T.P   Semester: I   Paper: I

Name of the Subject: తెలుగు

Unit –IV భాషా విభాగం   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	తెలుగు –పరిచయం	1
2	ఇతర భాషలు	1
3	ఆంధ్రం, తెలుగు	1
4	తెలుగు భాష – దేశ భాషలు	1
5	తెలుగు భాష – దేశ్యేతర భాషలు	1
6	ఉర్దు, పోర్చుగీసు, ఇంగ్లీష్ భాషలు	1
7	తమిళం, కన్నడం, ఇతర భాషలు	1
8	పదాలు, అర్థ భేదాలు పరిచయం	1
9	పదం–నిర్వచనం	1
10	అర్థం– నిర్వచనం	1
11	పదానికి అర్థానికి మధ్య ఉన్న సంబంధం	1
12	శబ్ద వృత్తులు	1
13	నానార్థాలు	1
14	పర్యాయపదాలు	1
15	పదం అర్థభేదాలలో సాంస్కృతిక పార్శ్యం	1

Name of the teacher: Dr. D. Rambabu.   Head department of TELUGU

Signature: Signature:

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Dept. of Telugu
NIZAM COLLEGE
O. U. Hyderabad

Class: BA –I (ML) H.T.P   Semester: I   Paper: I

Name of the Subject: తెలుగు

Unit –V సృజనాత్మకత   No. of Hours Allotted: 15

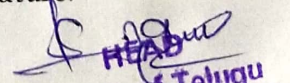|	Topics to be covered	No. of Hours required
1	నివేదిక రచన – పరిచయం	1
2	రచన చేయడం ఎలా?	1
3	రచనలో భాషా వినియోగం – జాగ్రత్తలు	1
4	నివేదిక రచన – పద్ధతులు	1
5	నివేదిక రచన – వైవిధ్యాలు	1
6	నివేదిక రచన మౌలికాంశాలు	1
7	వ్యాసం అంటే ఏమిటి?	1
8	వ్యాసం మీద జరిగిన పరిశోధనలు – విహంగ వీక్షణం	1
9	వ్యాస చరిత్ర	1
10	తెలుగు వ్యాసం వల్ల ఉపయోగాలు	1
11	వ్యాస నిర్మాణ పద్ధతులు	1
12	వ్యాసం లక్షణాలు	1
13	వ్యాసం రకాలు	1
14	వ్యాసం – సమీక్ష – విమర్శ – భేద సాదృశ్యాలు	1
15	మంచి వ్యాసం ఎలా ఉండాలి?	1

Name of the teacher: Dr. D. Rambabu.

Signature:

Head department of TELUGU

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O. U. Hyderabad

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LESSON PLAN FOR THE ACADEMIC YEAR 2022 – 2023

DEPARTMENT OF TELUGU

Class: BA –I (ML) H.T.P   Semester: I   Paper: I

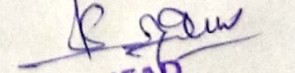Name of the Subject: తెలుగు

Unit –IV భాషా విభాగం   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	తెలుగు –పరిచయం	1
2	ఇతర భాషలు	1
3	ఆంధ్రం, తెలుగు	1
4	తెలుగు భాష – దేశ భాషలు	1
5	తెలుగు భాష – దేశ్యేతర భాషలు	1
6	ఉర్దు, పోర్చుగీసు, ఇంగ్లీష్ భాషలు	1
7	తమిళం, కన్నడం, ఇతర భాషలు	1
8	పదాలు, అర్థ భేదాలు పరిచయం	1
9	పదం–నిర్వచనం	1
10	అర్థం– నిర్వచనం	1
11	పదానికి అర్థానికి మధ్య ఉన్న సంబంధం	1
12	శబ్ద వృత్తులు	1
13	నానార్థాలు	1
14	పర్యాయపదాలు	1
15	పదం అర్థభేదాలలో సాంస్కృతిక పార్శ్వం	1

Name of the teacher: DY.D. Rambabu.   Head department of TELUGU

Signature: Signature:

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LESSON PLAN FOR THE ACADEMIC YEAR 2022 – 2023

DEPARTMENT OF TELUGU

Class: BA –I (ML) H.T.P   Semester: I   Paper: I

Name of the Subject: తెలుగు

Unit –V సృజనాత్మకత   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	నివేదిక రచన – పరిచయం	1
2	రచన చేయడం ఎలా?	1
3	రచనలో భాషా వినియోగం – జాగ్రత్తలు	1
4	నివేదిక రచన – పద్ధతులు	1
5	నివేదిక రచన – వైవిధ్యాలు	1
6	నివేదిక రచన మౌలికాంశాలు	1
7	వ్యాసం అంటే ఏమిటి?	1
8	వ్యాసం మీద జరిగిన పరిశోధనలు – విహంగ వీక్షణం	1
9	వ్యాస చరిత్ర	1
10	తెలుగు వ్యాసం వల్ల ఉపయోగాలు	1
11	వ్యాస నిర్మాణ పద్ధతులు	1
12	వ్యాసం లక్షణాలు	1
13	వ్యాసం రకాలు	1
14	వ్యాసం – సమీక్ష – విమర్శ – భేద సాదృశ్యాలు	1
15	మంచి వ్యాసం ఎలా ఉండాలి?	1

Name of the teacher: Dr. D. Rambabu.   Head department of TELUGU

Signature: Signature:

NIZAM COLLEGE
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DEPARTMENT OF TELUGU

Class: BA (ML) H.T. P   Semester: II   Paper: II
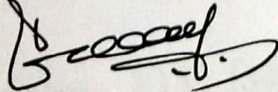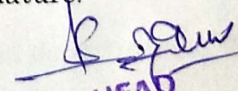
Name of the Subject: తెలుగు

Unit –1 ప్రాచీన కవిత్వం   No. of Hours **A**llotted: 15

	Topics to be covered	No. of Hours required
1	సుభద్రోపరిచర్య – కవి పరిచయం	1
2	సుభద్రోపరిచర్య – పాఠ్యభాగ నేపథ్యం	1
3	సుభద్రోపరిచర్య – పాఠ్యభాగ సందర్భం	1
4	సుభద్రోపరిచర్య – పూర్తి వివరణ	1
5	బ్రాహ్మణుడు ఆవులను కాపాడటం, అర్జునుడు జపం చేసే సన్నివేశం	1
6	అర్జునుడు – సుభద్ర ప్రేమాయణం	1
7	సుభద్ర నగలు ధరించే సన్నివేశం	1
8	అర్జునుడు – సుభద్రల సంభాషణ	1
9	శ్రీరంగక్షేత్ర మహిమ కవిపరిచయం	1
10	శ్రీరంగక్షేత్ర మహిమ – పాఠ్యభాగ నేపథ్యం	1
11	శ్రీరంగక్షేత్ర మహిమ – పాఠ్యభాగ సందర్భం	1
12	క్షేత్ర వర్ణన	1
13	విప్రనారాయణుడి జీవిత చరిత్ర	1
14	వైజయంతీ విలాసం, కావేరీ నది వర్ణన, సందర్భ సహిత వ్యాఖ్యలు	1
15	ప్రశ్నోత్తరాలు	1

Name of the teacher: Dr. D. Rambabu.   Head department of TELUGU

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Class: BA (ML) H.T. P   Semester: II   Paper: II

Name of the Subject: తెలుగు

Unit –II ఆధునిక కవిత్వం
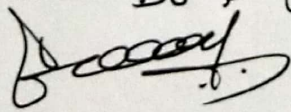
No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	కవి పరిచయం	1
2	బుద్ధుని ఉపదేశం – పాఠ్యభాగ నేపథ్యం	1
3	బుద్ధుని ఉపదేశం – పాఠ్యభాగ సందర్భం	1
4	గౌతమ బుద్ధుని జీవితం	1
5	గౌతమ బుద్ధుని బోధనలు	1
6	గౌతమ బుద్ధుని తత్త్వం	1
7	అశోకుడిమీద బుద్ధుడి ప్రభావం	1
8	బుద్ధుడి వైరాగ్యం	1
9	మానవ సంగీతం – కవి పరిచయం	1
10	మానవ సంగీతం – పాఠ్యభాగ నేపథ్యం	1
11	మానవ సంగీతం – పాఠ్యభాగ సందర్భం	1
12	కాటేసి తీరాలె – కవి పరిచయం	1
13	కాటేసి తీరాలె – నేపథ్యం	1
14	కాటేసి తీరాలె పాఠ్యభాగ సందేశం	1
15	ప్రశ్నోత్తరాలు, సందర్భ సహిత వ్యాఖ్యలు – పూర్తి వివరణ	1

Name of the teacher: Dr. D. Rambabu.   Head department of TELUGU

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LESSON PLAN FOR THE ACADEMIC YEAR 2022 – 2023
DEPARTMENT OF TELUGU

Class: BA (ML) H.T. P   Semester: II   Paper: II
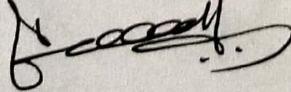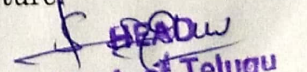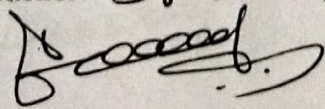
Name of the Subject: తెలుగు
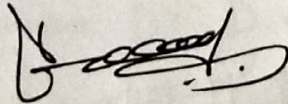
Unit – III వచన విభాగం   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	తెలుగు భాషపై ఊర్దూ ప్రభావం – రచయిత పరిచయం	1
2	తెలుగులో అన్యదేశ్యాలు	1
3	తెలుగు, ఉర్దూ – ఆదాన ప్రదానాలు	1
4	తెలుగుపై ఉర్దూయేతర భాషల ప్రభావం	1
5	పాతికేళ్ళ కవిత్వంలో భావుకత – రచయిత పరిచయం	1
6	కవిత్వం – భావుకత	1
7	తెలుగులో వచ్చిన కవితా ధోరణులు	1
8	విప్లవ కవిత్వం	1
9	పరిణత విప్లవ కవిత్వం	1
10	స్త్రీ చైతన్య ధోరణి మరియు ఇతర ధోరణులు	1
11	గురువుగారి అపూర్వ ఆదరణ – రచయిత పరిచయం	1
12	సామల సదాశివ బాల్యం, విద్యాభ్యాసం	1
13	దీన్ దయాళ్ నాయుడు – జీవితం	1
14	సందర్భ సహిత వ్యాఖ్యలు	1
15	ప్రశ్నోత్తరాలు	1

Name of the teacher: DY.D. Rambabu.

Signature:

Head department of TELUGU

Signature:

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Class: BA (ML) H.T. P   Semester: II   Paper: II

Name of the Subject: తెలుగు

Unit – IV భాషా విభాగం   No. of Hours Allotted: 15

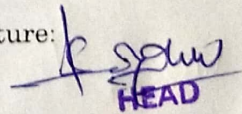|	Topics to be covered	No. of Hours required
1	నిఘంటువు - పరిచయము	1
2	నిఘంటువులు	1
3	నిఘంటువుల వలన ప్రయోజనం	1
4	అర్థ పరిణామం, వ్యుత్పత్తి	1
5	నిఘంటువులు చూసే పద్ధతి	1
6	నిఘంటువుల వాడకంలో మెలకువలు	1
7	నిఘంటువులలో దొరికే సమాచారం	1
8	నిఘంటువులలో రకాలు	1
9	తెలుగు నిఘంటువు నిర్మాణ చరిత్ర	1
10	అకారాది నిఘంటువు, ద్విభాషా నిఘంటువు	1
11	వ్యుత్పత్తి, పదకోశం	1
12	వృత్తి పదకోశాలు, ప్రయోగ సూచికలు	1
13	పదప్రయోగ కోశాలు	1
14	విజ్ఞాన సర్వస్వాలు	1
15	నిఘంటువుల వినియోగ విధానం	1

Name of the teacher: Dr. D. Rambabu.   Head department of TELUGU

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LESSON PLAN FOR THE ACADEMIC YEAR 2022 – 2023

DEPARTMENT OF TELUGU

Class: BA (ML) H.T. P   Semester: II   Paper: II

Name of the Subject: తెలుగు
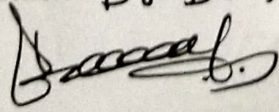
Unit – V సృజనాత్మకత   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	లేఖా చరిత్ర	1
2	భారతీయ సాహిత్యంలో లేఖా ప్రస్తావన	1
3	లేఖలు – రకాలు	1
4	లేఖ – నిర్మాణం	1
5	లేఖ – భాష	1
6	లేఖ – విషయ నివేదన పద్ధతులు	1
7	సృజనాత్మక రచన – ప్రాథమిక అంశాలు	1
8	సృజనాత్మకత	1
9	కథా రచన	1
10	కథాంగాలు	1
11	కథ – భాష	1
12	కథ – దృష్టికోణం	1
13	కథ – పాత్ర చిత్రణ	1
14	స్థానిక విశేషాల పరిశీలనా పద్ధతులు	1
15	స్థానిక విశేషాలను సృజనాత్మకంగా రాయడం	1
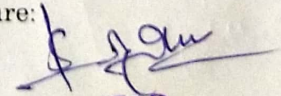
Name of the teacher: DY. D. Rambabu.   Head department of TELUGU

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NIZAM COLLEGE
LESSON PLAN FOR THE ACADEMIC YEAR _2022-2023
DEPARTMENT OF _Telugu

Class: BA Modern Languages- TELUGU   (Semester: _IV)

Name of the Subject: Telugu   Title of the Paper: ఆధునిక సాహిత్య చరిత్ర

Paper: 4   **No.** of Hours Allotted: 75

Name of the Teacher: Dr. NALIGANTI SHARATH

Unit	Topics to be covered	No. of Hours required
I	ఆధునికత అంటే ఏమిటి?: నిర్వచనాలు	1
	ఆధునికయుగం- లక్షణాలు	1
	తెలుగులో ఆధునికత భావనలు	1
	ప్రపంచవ్యాప్తంగా వెల్లువిరిసిన ఆధునికతా భావాలు	1
	తెలుగులో ఆధునికత నేపథ్యం-రాజకీయార్థిక భూమిక	1
	తెలుగులో ఆధునికత నేపథ్యం-రాజకీయార్థిక భూమిక	1
	తెలుగులో ఆధునికత-ప్రారంభం	1
	తెలుగులో ఆధునికత-వికాస దశ-1	1
	తెలుగులో ఆధునికత-వికాస దశ-2	1
	తెలుగులో ఆధునికత-వికాస దశ-3	1
	తెలుగులో ఆధునికత-వికాస దశ-4	1
	తెలుగులో ఆధునికత-వికాస దశ-5	1
	తెలుగులో ఆధునికత-వికాస దశ-6	1
	తెలుగులో ఆధునికత-వికాస దశ-7	1
	ఆధునికత- విహంగ వీక్షణం	1
	ఆధునికత అంటే ఏమిటి?; నిర్వచనాలు	1
		15
II	సాంఘిక సంస్కర్తగా కందుకూరి వీరేశలింగం కృషి	1
	ఆధునిక యుగకర్త భావన-చర్చ	1
	గురజాడ సాహిత్య కృషి	1
	తెలుగు దళిత కవిత్వం-జాషువా	1
	పద్యకవిత్వంలో జాషువా ప్రత్యేకత, సాంఘిక భావనలు	1
	సాంప్రదాయ సాహిత్య శిఖరం-విశ్వనాథ సత్యనారాయణ	1
	విశ్వనాథ సాహిత్య కృషి	1
	అభ్యుదయ, విప్లవ కవి మార్గదర్శి-శ్రీశ్రీ	1
	శ్రీ శ్రీ కవిత్వ కృషి	1
	మాడపాటి హనుమంత రావు	1

	సురవరం ప్రతాపరెడ్డి–గోలుకొండ కవుల సంచిక		1
	కాళోజీ నారాయణరావు–నా గొడవ మౌలిక భావనలు		1
	దాశరథి కృష్ణమాచార్యులు–సాయుధ పోరాట కవిత్వం		1
	డా. సింగిరెడ్డి నారాయణరెడ్డి		1
	Total hours		15
III	నవల, నవలా లక్షణాలు		1
	తెలుగు నవలా సంక్షిప్త పరిచయం		1
	తెలంగాణ నవల–వట్టికోట ఆళ్వారుస్వామి ప్రత్యేకత		1
	వట్టికోట ఆళ్వారుస్వామి నవలలు–పరిచయం		1
	భాస్కరభట్ల కృష్ణారావు–నవలలు–ప్రత్యేకత		1
	భాస్కరభట్ల కృష్ణారావు–నవలలు–వస్తువు, పాత్ర చిత్రణ		1
	భాస్కరభట్ల కృష్ణారావు–నవలలు		1
	ఎం.వి. తిరుపతయ్య–నవలలు–ప్రత్యేకత		1
	ఎం.వి. తిరుపతయ్య–నవలలు–వస్తువు		1
	ఎం.వి. తిరుపతయ్య–నవలలు–పాత్ర చిత్రణ		1
	దాశరథి రంగాచార్య–నవలలు–ప్రత్యేకత		1
	దాశరథి రంగాచార్య–నవలలు–వస్తువు		1
	దాశరథి రంగాచార్య–నవలలు–పాత్ర చిత్రణ		1
	అల్లం రాజయ్య–నవలలు–ప్రత్యేకత		1
	అల్లం రాజయ్య–నవలలు–వస్తువు		1
	అల్లం రాజయ్య–నవలలు–పాత్ర చిత్రణ		1
	Total hours		15
IV	తెలుగు కథ–లక్షణాలు		1
	తెలుగులో కథా సాహిత్యం–సంక్షిప్త పరిచయం		1
	శ్రీపాద సుబ్రహ్మణ్య శాస్త్రి కథలు–ప్రత్యేకత		1
	శ్రీపాద సుబ్రహ్మణ్య శాస్త్రి కథలు–వస్తు వైవిధ్యం		1
	శ్రీపాద సుబ్రహ్మణ్య శాస్త్రి కథలు–పాత్ర చిత్రణ		1
	శ్రీ చాగంటి సోమయాజులు కథలు–ప్రత్యేకత		1
	శ్రీ చాగంటి సోమయాజులు కథలు–వస్తు వైవిధ్యం		1
	శ్రీ చాగంటి సోమయాజులు కథలు–పాత్ర చిత్రణ		1
	నెల్లూరి కేశవస్వామి కథలు–ప్రత్యేకత		1
	నెల్లూరి కేశవస్వామి కథలు–వస్తు వైవిధ్యం, పాత్ర చిత్రణ		1
	గూదూరి సీతారాం కథలు–ప్రత్యేకత		1
	గూదూరి సీతారాం కథలు–వస్తు వైవిధ్యం		1
	గూదూరి సీతారాం కథలు–పాత్ర చిత్రణ		1
	పొక్కంపల్లి శాంతాదేవి కథలు–వస్తు వైవిధ్యం		1

	పోల్కంపల్లి శాంతాదేవి–పాత్ర చిత్రణ	1
	Total hours	
		15
V	నాటకం–లక్షణాలు	
		1
	తెలంగాణలో నాటక వికాసం	
		1
	తెలంగాణలో ప్రసిద్ధమైన నాటకాలు	
		1
	పి.వి. రమణ నాటకాలు పరిచయం	
		1
	పి.వి. రమణ నాటకాలు–వస్తువు	
		1
	పి.వి. రమణ నాటక సంవిధానం	
		1
	సుంకర సత్యనారాయణ నాటకాలు పరిచయం	
		1
	సుంకర సత్యనారాయణ నాటకాలు–వస్తువు	
		1
	సుంకర సత్యనారాయణ నాటక సంవిధానం	
		1
	కె. ఎల్. నరసింహారావు నాటకాలు పరిచయం	
		1
	కె. ఎల్. నరసింహారావు–వస్తువు	
		1
	కె. ఎల్. నరసింహారావు నాటక సంవిధానం	
		1
	సమకాలీన నాటకంలో ధోరణులు–పరిచయం	
		1
	తెలంగాణ నాటకాల ప్రదర్శన–ఆధునిక పద్ధతులు	
		1
	ప్రశ్నాపత్రం సరళిపై చర్చ	
		1
		15
	Total classes to be covered	
		75

NIZAM COLLEGE

LESSON PLAN FOR THE ACADEMIC YEAR 2022 - 2023

DEPARTMENT OF TELUGU

Class: BA –II ML (Modern Language) H.T.P Semester: III   Paper: I

Name of the Subject: తెలుగు   Title of the Paper: ప్రాచీన సాహిత్య చరిత్ర

Unit –I   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	సాహిత్య చరిత్ర అధ్యయన ప్రయోజనం – యుగ విభజన తీరు	1
2	సాహిత్య చరిత్ర – ఉపోద్ఘాతం	1
3	సాహిత్య చరిత్ర – అధ్యయనం విధానాలు	1
4	సాహిత్య చరిత్ర – ప్రయోజనం	1
5	సాహిత్య చరిత్ర – వివిధ కోణాలు	1
6	సాహిత్యం సమాజం	1
7	వాజ్మయము	1
8	సారస్వతము	1
9	సాహిత్యము – వివిధ భేదాలు	1
10	యుగావిభజన – తీరు	1
11	యుగము – నిర్వచనము	1
12	కవులను భట్టి యుగవిభజన	1
13	కావ్యములను భట్టి యుగ విభజన	1
14	కవి పోషకులను భట్టి యుగ విభజన	1
15	పునశ్చరణ	1

Name of the teacher:

Signature: Dr. N Sharath

Head department of TELUGU

Signature:

Class: BA –II ML (Modern Language) H.T.P Semester: III   Paper: I

Name of the Subject: తెలుగు

Unit –II ప్రాఙ్ననన్నయ యుగం   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
		1
1	ప్రాఙ్ననన్నయ యుగం	
		1
2	ప్రాఙ్ననన్నయ –పరిచయం	
		1
3	నన్నయకు ముందుకాలం – సాహిత్యం	
		1
4	ఆంధ్ర సాహిత్య స్వరూపం – పరిచయం	
		1
5	ఆంధ్ర సాహిత్య స్వరూపం – స్వభావం, లక్షణాలు	
		1
6	ప్రాచీన తెలుగు పద్య శాసనాలు	
		1
7	శాసనాలు కాలం – రాజులు ప్రాంతం	
		1
8	శాసనాలు పద్యాలు జాతులు, ఉప జాతులు	
		1
9	పరాచీన శాసనాలు తెలుగు శబ్దాలు	
		1
10	మొట్టమొదటి శాసనం చరిత్ర	
		1
11	శాసనాలు – తెలుగు, సంస్కృతం, కనడం	
		1
12	శాసనాలు – ఛందస్సు	
		1
13	శాసనాలు– వ్యాకరణం	
		1
14	తాళపత్ర గ్రంథాలు, రాగి రేకులు	
		1
15	పునశ్చరణ	

Name of the teacher:

Signature: DY· N·Sharath.

Head department of TELUGU

Signature:

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Class: BA –II ML (Modern Language) H.T.P Semester: III   Paper: I

Name of the Subject: తెలుగు

Unit –III కవిత్రయ యుగం – మహాభారతం – ఇతర రచనలు No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	కవిత్రయం యుగం పరిచయం	1
2	నన్నయ, తిక్కన్న, ఎర్రన్న – చరిత్ర	1
3	ఆధికవి నన్నయ పరిచయం	1
4	నన్నయ రచనలు	1
5	నన్నయ కవితా శైలి	1
6	నన్నయ ఆంధ్రమహాభారతం	1
7	కవిబ్రహ్మ తిక్కన్న – పరిచయం	1
8	తిక్కన్న – కవిత శైలి	1
9	తిక్కన్న నాటకీయథ	1
10	తిక్కన్న– రచనలు	1
11	తిక్కన్న – పదిహేను పర్వాలు	1
12	పభంద పరమేశ్వరుడు ఎర్రన్న	1
13	ఎర్రన్న అరణ్య పర్వశేషం	1
14	ప్రభంధం మూలాలు	1
15	పునశ్చరణ	1

Name of the teacher:

Signature: Dr. N. Sharath.

Head department of TELUGU

Signature:

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Class: BA –II ML (Modern Language) H.T.P Semester: III   Paper: I

Name of the Subject: తెలుగు

Unit –IV శివకవుల యుగం – సాహిత్య లక్షణాలు   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	శివకవుల యుగం – ఉపోద్ఘాతం	1
2	శైవ సాహిత్యం – చరిత్ర	1
3	బసవన్న – లింగాయత్ చరిత్ర	1
4	జాను తెనుగు – దేశీయత	1
5	నన్నెచోడుడు – కుమార సంభవం	1
6	పండితారాధ్యుడు – చరిత్ర	1
7	పాల్కురికి సోమనాథుడు	1
8	పాల్కురికి సోమనాథుడు – రచనలు	1
9	భాసవపురాణం	1
10	భాసవోధాహరణం	1
11	భాసవరగడలు	1
12	ద్విపద సంప్రదాయం	1
13	మొదటి శతకం –వృషాధీప శతకం	1
14	పాల్కురికి సోమనాథుడు – స్వతంత్ర రచనలు	1
15	పునశ్చరణ	1

Name of the teacher:

Signature: DY.N. Sharath .

Head department of TELUGU

Signature:

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Class: BA –II ML (Modern Language) H.T. P Semester: III   Paper: I
Name of the Subject: తెలుగు
Unit – V కావ్య యుగం   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	కావ్య యుగం – ఉపోద్ఘాతం	1
2	కావ్య సంప్రదాయం – సంధి యుగం	1
3	కవిసార్వభౌముడు శ్రీనాధుడు	1
4	శ్రీనాధుడు – కవిపరిచయం	1
5	శ్రీనాధుడు – రచనలు	1
6	శ్రీనాధుడు – శైలి	1
7	శృంగార నైషధం – కావ్య యుగారంభం	1
8	శృంగార రసం – ప్రాధాన్యత	1
9	నాయకీ, నాయకుల వర్ణనలు	1
10	భక్త కవి పోతన – పరిచయం	1
11	భాగవత రచన	1
12	భాగవత – పరిచయం ఆవశ్యకత	1
13	పోతన – ఇతర రచనలు	1
14	సంస్కృత తెలుగు పద్య రచన	1
15	పునశ్చరణ	1

Name of the teacher:

Signature: Dr. N. Sharath.

Head department of TELUGU

Signature:

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LESSON PLAN FOR THE ACADEMIC YEAR 2023 – 2024
DEPARTMENT OF TELUGU

Class: BA –II ML (Modern Language) H.T. P Semester: III   Paper: I
Name of the Subject: తెలుగు
Unit –VI ప్రభందయుగ లక్షణాలు– విశేషాలు   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	ప్రభందయుగం – ఉపోద్ఘాతం	1
2	ప్రభందయుగం – శ్రీకృష్ణదేవరాయ యుగం	1
3	ప్రభందయుగం – లక్షణాలు	1
4	ప్రభందయుగం – అష్టాదశ పురాణాలు	1
5	అల్లసాని పెద్దన మనుచరిత్ర	1
6	నంది తిమ్మన్న – పారిజాతాపహరణం	1
7	ధూర్జటి – శ్రీ కాళహస్థిశ్వర	1
8	రామరాజ భూషణుడు – వసుచరిత్ర	1
9	పంగాలి సూరన – కళాపుర్ణోదయము	1
10	ప్రభావతి ప్రద్యుమ్నము – పరిచయము	1
11	ప్రభావతి ప్రద్యుమ్నము – ద్వర్థి కావ్యము విశిష్టత	1
12	శ్రీకృష్ణ దేవరాయలు – విష్ణు చిత్తియం	1
13	ప్రభంధ యుగం అలంకారాల కూర్పు, శైలి	1
14	ప్రభంధ శైలి– నాటకీయత, శిల్పము	1
15	పునశ్చరణ	1

Name of the teacher:

Signature: Dr-N-Sharath.

Head department of TELUGU

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LESSON PLAN FOR THE ACADEMIC YEAR 2023 – 2024

DEPARTMENT OF TELUGU

Class: BA –II ML (Modern Language) H.T. P Semester: III   Paper: I

Name of the Subject: తెలుగు

Unit –VI ప్రబంధయుగ లక్షణాలు– విశేషాలు   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
		1
1	ప్రబంధయుగం – ఉపోద్ఘాతం	
2	ప్రబంధయుగం – శ్రీకృష్ణదేవరాయ యుగం	1
3	ప్రబంధయుగం – లక్షణాలు	1
4	ప్రబంధయుగం – అష్టాదశ పురాణాలు	1
5	అల్లసాని పెద్దన మనుచరిత్ర	1
6	నంది తిమ్మన్న – పారిజాతాపహరణం	1
7	ధూర్జటి – శ్రీ కాళహస్తీశ్వర	1
8	రామరాజ భూషణుడు – వసుచరిత్ర	1
9	పింగాళి సూరన – కళాపూర్ణోదయము	1
10	ప్రభావతి ప్రద్యుమ్నము – పరిచయము	1
11	ప్రభావతి ప్రద్యుమ్నము – ద్వర్థి కావ్యము విశిష్టత	1
12	శ్రీకృష్ణ దేవరాయలు – విష్ణు చిత్తీయం	1
13	ప్రబంధ యుగం అలంకారాల కూర్పు, శైలి	1
14	ప్రబంధ శైలి– నాటకీయత, శిల్పము	1
15	పునశ్చరణ	1

Name of the teacher:

Signature: Dr- N- Sharath.

Head department of TELUGU

Signature:

Class: BA –II ML (Modern Language) H.T. P Semester: III   Paper: I

Name of the Subject: తెలుగు

Unit –VII పదకవులు   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	పదకవులు – ఉపోద్ఘాతం	1
2	తెలుగులో పదకవిత్వ వైశిష్ట్యం	1
3	పదము – పాట, గేయం	1
4	శ్లేష కవితా చాతుర్యం	1
5	అన్నమయ్య సంకీర్తనలు – చరిత్ర విశేషాలు	1
6	అన్నమయ్య ముప్పైరెండువేల సంకీర్తనలు	1
7	భక్త త్యాగరాజు	1
8	త్యాగరాజు – కృతులు విశేషాలు	1
9	కంచెర్ల గోపన్న – భక్త రామదాసు	1
10	దాశరథి శతకం	1
11	పోతులూరి వీరబ్రహ్మం	1
12	బ్రహ్మం గారి కాలజ్ఞానం – బనగాన పల్లె	1
13	సమాజం సంగీతం	1
14	సంగీతం – సాహిత్యం	1
15	పునశ్చరణ	1
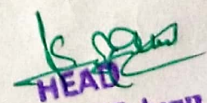
Name of the teacher:

Signature: DY .N. Sharath .

Head department of TELUGU

Signature:

HEAD
Dept. of Telugu
NIZAM COLLEGE
O. U. Hyderabad.

NIZAM COLLEGE

LESSON PLAN FOR THE ACADEMIC YEAR 2023 – 2024

DEPARTMENT OF TELUGU

Class: BA –II ML (Modern Language) H.T. P Semester: III Paper: I

Name of the Subject: తెలుగు

Unit –VIII శతక సాహిత్యం పరిచయం   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
		1
1	శతక సాహిత్యం విశిష్టత	
		1
2	శతక సాహిత్యం – పద్యాలు	
		1
3	పద్య లక్షణాలు	
		1
4	తెలుగులో తొలి శతకం	
		1
5	సుమతి శతకం (బద్దెన)	
		1
6	నీతి నియమాలు– సుమతి శతకం	
		1
7	వేమన శతము	
		1
8	ప్రజాకవి వేమన	
		1
9	మకుటానికి అర్థం	
		1
10	పద్యం – భావజాలం	
		1
11	ధర్మపురి శేషప్ప – నృశింహశతకం	
		1
12	దైవ వర్ణన	
		1
13	దాసరథి శతకం	
		1
14	మనుసును రంజింప చేసే సూక్తులు	
		1
15	పునశ్చరణ	

Name of the teacher: Dr. N Sharath.

Signature:

Head department of TELUGU

Signature:

HEAD
Dept. of Telugu
NIZAM COLLEGE
O. U. Hyderabad.

Class: BA –II ML (Modern Language) H.T. P Semester: III   Paper: I

Name of the Subject: తెలుగు

Unit –IX యక్షగానాలు – చేర్విరాల భాగయ్య   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	యక్షగానాల పుట్టుపూర్వోత్తరాలు	1
2	యక్షగాన సాహిత్యం విశేషాలు	1
3	ప్రాచీన ప్రసిద్ధ యక్షగానాలు	1
4	యక్షులు, దేవతలు	1
5	చేర్విరాల భాగయ్య	1
6	సాహిత్యం విశేషాలు	1
7	కాకతీయ కాలంలో యక్షగానాలు	1
8	తంజావూరు నాయక రాజులు – యక్షగానం స్వర్ణయుగం	1
9	చేర్విరాల భాగయ్య – రచనలు	1
10	ప్రధాన యక్షగానాలు మాప్పెరెండు	1
11	జక్కన విక్రమార్క చరిత్ర	1
12	మౌకిక వేదాంతి భాగయ్య	1
13	తెలంగాణలో యక్షగాన ప్రక్రియ వికాశం	1
14	యక్షగానం – వివిధ కళా రూపాలు	1
15	పునశ్చరణ	1
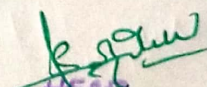
Name of the teacher: DY-N Sharath

Signature:

Head department of TELUGU

Signature:

NIZAM COLLEGE
LESSON PLAN FOR THE ACADEMIC YEAR _2022-2023
DEPARTMENT OF _Telugu

Class: BA Modern Languages- TELUGU   (Semester: _VI)

Name of the Subject: Telugu   **Title of the Paper:** తెలుగు ప్రాజెక్ట్

Paper: **No. of** Hours Allotted: 75

Name of the Teacher: Dr. Chandraiah S

Unit	Topics to be covered	No. of Hours required
	ప్రాజెక్టు మెథడాలజీ విభాగం	
	ప్రాజెక్టు అంటే ఏమిటి? ప్రాజెక్టులు ఎన్ని రకాలు?	1
	ప్రాజెక్టు రాసే విద్యార్థికి ఉండాల్సిన లక్షణాలు ఏవి?	1
	అకడమిక్ ప్రాజెక్టు లక్షణాలు	1
	తెలుగులో ప్రాజెక్టు చేయడానికి ఉన్న అవకాశాలు ఏమిటి?	1
	తెలుగు ప్రాజెక్టు అంశాన్ని ఎలా ఎంపిక చేసుకోవాలి?	1
	పూర్వ పరిశోధనల గుర్తింపు, అధ్యయనం	1
	ఎంచుకొన్న ప్రాజెక్టు అంశం పూరిస్తున్న ఖాళీలు ఏమిటి?	1
	ప్రాజెక్టు మెథడాలజీ ఏమిటి?	1
	ప్రాజెక్టు మెథడాలజీకి అనుకూలమైన సమాచార సేకరణ	1
	ప్రాజెక్టు రచనా పద్ధతి	1
	అధ్యాయాల విభజన	1
	ఫుట్ నోట్స్ అంటే ఏమిటి? ఎలా ఇవ్వాలి?	1
	సైటేషన్ అంటే ఏమిటి?	1
	ఉపయుక్త గ్రంథసూచీ రచనకు గల వివిధ శైలీ పద్ధతులు ఏమిటి?	1
	ఇంటర్నల్ ఎక్స్ ర్నల్ సైటేషన్ ఎలా ఇస్తారు?	1
	ప్రాజెక్టు శీర్షిక, ప్రాజెక్టు సంక్షిప్తి, ప్రాజెక్టు పరిచయం	1
	పూర్వపరిశోధనల సమీక్ష, ప్రాజెక్టు మెథడాలజీ, అధ్యాయాల విభజన, విశ్లేషణ	1
	ముగింపు, ఉపయుక్త గ్రంథసూచి	1
	Total hours	18
	ప్రాజెక్టు అధ్యయన విధాన విభాగం	
	కథల్ని ఎలా అధ్యయనం చేయాలి?	1
	నవలల్ని ఎలా అధ్యయనం చేయాలి?	1
	కవిత్వాన్ని ఎలా అధ్యయనం చేయాలి	1
	తెలుగు కవిత్వ ప్రయాణం-స్థూల పరిచయం	1
	తెలుగు కథ ప్రయాణం-స్థూల పరిచయం	1

తెలుగు నవల ప్రయాణం–స్థూల పరిచయం	1
కథా సాహిత్యంలో పాత్రల్ని, సంవిధానాన్ని ఎలా గుర్తించాలి, విశ్లేషించాలి?	1
కథా సాహిత్యంలో పాత్రల్ని, సంవిధానాన్ని ఎలా గుర్తించాలి, విశ్లేషించాలి?	1
క్షేత్ర పర్యటన అంటే ఏమిటి? తీసుకోవల్సిన జాగ్రత్తలు	1
ఇంటర్వ్యూకోసం ప్రశ్నావళి ఎలా సిద్ధంచేసుకోవాలి?	1
సమాచార నిధులను ఎలా సిద్ధం చేయాలి?	1
ఎక్సెల్ షీట్ ను ఎలా వినియోగించాలి?	1
రచయితను/కవిని ఇంటర్వ్యూ చేయడానికి ముందు ఎలా సిద్ధంకావాలి?	1
ఆడియో/వీడియో ఇంటర్వ్యూ రికార్డింగ్ లో తీసుకోవాల్సిన జాగ్రత్తలు	1
సేకరించిన ఆడియో/వీడియో ఫైల్సును ఎలా రాతలోకి తీసుకురావాలి?	1
Total hours	15
ప్రాజెక్టు రచనా పర్యవేక్షణ విభాగం (ఈ విభాగంలో విద్యార్థులకోసం కేటాయించిన తరగతిగదిలో విద్యార్థులకు దిశానిర్దేశం చేయడం ఉంటుంది)	
సాంకేతిక విభాగ విశ్లేషణ-1	1
సాంకేతిక విభాగ విశ్లేషణ-2	1
సాంకేతిక విభాగ విశ్లేషణ-3	1
సాంకేతిక విభాగ విశ్లేషణ-4	1
సాంకేతిక విభాగ విశ్లేషణ-5	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు)	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1

ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టులో విద్యార్థులు ఎదుర్కొనే సవాళ్ళు–పర్యవేక్షకుడి సూచనలు	1
ప్రాజెక్టు రచనా విధానం– సూచన చేయడం–సరిచూడటం–1	1
ప్రాజెక్టు రచనా విధానం– సూచన చేయడం–సరిచూడటం–2	1
ప్రాజెక్టు రచనా విధానం– సూచన చేయడం–సరిచూడటం–3	1
ప్రాజెక్టు రచనా విధానం– సూచన చేయడం–సరిచూడటం–4	1
Total hours	42
Total classes to be covered	75

Name of the teacher

S. Chandraiah

(Dr. CHANDRAIAH. S)

HEAD
Dept. of Telugu
NIZAM COLLEGE
O. U. Hyderabad.

Class: BA Modern Languages- TELUGU   (Semester: _V)

Name of the Subject: Telugu   **Title of the Paper:** తెలుగు వ్యాకరణం

Paper: 5 (A)   No. of Hours Allotted: 75

Name of the Teacher: Dr. Chandraiah S

Unit	Topics to be covered	No. of Hours required
I	వ్యాకరణం పరిచయం –తెలుగులో వ్యాకరణాలు స్థూల పరిచయం	1
	వ్యాకరణ ప్రయోజనం; ఆధునిక కాలంలో వ్యాకరణ అధ్యయనం ఆవశ్యకత	1
	సంజ్ఞాపరిచ్ఛేదం (బాలవ్యాకరణం)- (1–3 సూత్రాలు)	1
	సంజ్ఞాపరిచ్ఛేదం (బాలవ్యాకరణం)- (4–6 సూత్రాలు)	1
	సంజ్ఞాపరిచ్ఛేదం (బాలవ్యాకరణం)- (7–9 సూత్రాలు)	1
	సంజ్ఞాపరిచ్ఛేదం (బాలవ్యాకరణం)- (10–13 సూత్రాలు)	1
	సంజ్ఞాపరిచ్ఛేదం (బాలవ్యాకరణం)- (14–15 సూత్రాలు)	1
	సంజ్ఞాపరిచ్ఛేదం (బాలవ్యాకరణం)- (16–17 సూత్రాలు)	1
	సంజ్ఞాపరిచ్ఛేదం (బాలవ్యాకరణం)- (18–20 సూత్రాలు)	1
	సంజ్ఞాపరిచ్ఛేదం (బాలవ్యాకరణం)- (21–23 సూత్రాలు)	1
	సంజ్ఞాపరిచ్ఛేదం (బాలవ్యాకరణం)- పునఃసమీక్ష	1
	సంజ్ఞాపరిచ్ఛేదం (బాలవ్యాకరణం)- పునఃసమీక్ష	1
	Total hours	12
II	సంధి అంటే ఏమిటి? నిత్య జీవితం వ్యవహారాల్లో సంధులను గమనించారా?	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)- (1–2 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)- (3–5 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)- (6–9 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)- (10–12 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)- (13–15 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)- (16–17 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)- (18–19 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)- (20–22 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)- (13–24 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)- (25–28 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)- (29–32 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)- (33–34 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)- (35–37 సూత్రాలు)	1

	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)– (38–39 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)– (40–43 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)– (44–46 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)– (47–49 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)– (50–52 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)– (53–55 సూత్రాలు)	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)– పునఃసమీక్ష–1	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)– పునఃసమీక్ష–2	1
	Total hours	22
III	**సమాసం అంటే ఏమిటి? నిత్యజీవితంలో సమాసాల ప్రస్తావన ఉంటుందా?**	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– (1 సూత్రం)	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– (2 సూత్రం)	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– (3 సూత్రం)	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– (4–5 సూత్రం)	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– (6–7 సూత్రాలు)	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– (8–9 సూత్రాలు)	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– (10–12 సూత్రాలు)	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– (13–14 సూత్రాలు)	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– (15–17 సూత్రాలు)	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– (18–20 సూత్రాలు)	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– (21–23 సూత్రాలు)	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– (24–26 సూత్రాలు)	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– పునఃసమీక్ష–1	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– పునఃసమీక్ష–2	1
	Total hours	15
IV	ప్రౌఢవ్యాకరణ రచనా నేపథ్యం–విధానం	1
	బాలవ్యాకరణం – ప్రౌఢవ్యాకరణం భేదసాదృశ్యాలు	1
	వాక్య పరిచ్ఛేదం (ప్రౌఢవ్యాకరణం)– (1వ సూత్రం)	1
	వాక్య పరిచ్ఛేదం (ప్రౌఢవ్యాకరణం)– (2వ సూత్రం)	1
	వాక్య పరిచ్ఛేదం (ప్రౌఢవ్యాకరణం)– (3వ సూత్రం)	1
	వాక్య పరిచ్ఛేదం (ప్రౌఢవ్యాకరణం)– (4–5 సూత్రాలు)	1
	వాక్య పరిచ్ఛేదం (ప్రౌఢవ్యాకరణం)– (6–7 సూత్రాలు)	1
	వాక్య పరిచ్ఛేదం (ప్రౌఢవ్యాకరణం)– (8–10 సూత్రాలు)	1
	వాక్య పరిచ్ఛేదం (ప్రౌఢవ్యాకరణం)– (11–12 సూత్రాలు)	1
	వాక్య పరిచ్ఛేదం (ప్రౌఢవ్యాకరణం)– (13–14 సూత్రాలు)	1
	వాక్య పరిచ్ఛేదం (ప్రౌఢవ్యాకరణం)– (15–17 సూత్రాలు)	1

వాక్య పరిచ్ఛేదం (ప్రౌఢవ్యాకరణం)– (18–20 సూత్రాలు)		1
వాక్య పరిచ్ఛేదం (ప్రౌఢవ్యాకరణం)– (21–23 సూత్రాలు)		1
వాక్య పరిచ్ఛేదం (ప్రౌఢవ్యాకరణం)– పునఃసమీక్ష–1		1
వాక్య పరిచ్ఛేదం (ప్రౌఢవ్యాకరణం)– పునఃసమీక్ష–2		1
		15
V	శాస్త్రం–భావనల ప్రాధాన్యత; వ్యాకరణ శాస్త్రం–పారిభాషిక పదాల ప్రాముఖ్యత	1
	సంజ్ఞా పరిచ్ఛేదం (బాలవ్యాకరణం)– పారిభాషిక పదాలు–పునఃసమీక్ష	1
	సంజ్ఞా పరిచ్ఛేదం (బాలవ్యాకరణం)– పారిభాషిక పదాలు–పునఃసమీక్ష	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)– పారిభాషిక పదాలు–పునఃసమీక్ష	1
	సంధి పరిచ్ఛేదం (బాలవ్యాకరణం)– పారిభాషిక పదాలు–పునఃసమీక్ష	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– పారిభాషిక పదాలు–పునఃసమీక్ష	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– పారిభాషిక పదాలు–పునఃసమీక్ష	1
	సమాస పరిచ్ఛేదం (బాలవ్యాకరణం)– పారిభాషిక పదాలు–పునఃసమీక్ష	1
	వాక్య పరిచ్ఛేదం (ప్రౌఢవ్యాకరణం)– పారిభాషిక పదాలు–పునఃసమీక్ష	1
	ఇచ్చిన అంశంపై ప్రజెంటెషన్స్	1
	ప్రశ్నాపత్ర సరళిపై చర్చ	1
		11
	Total classes to be covered	75

Name of the teacher

S. Chandraiah

(Dr. CHANDRAIAH-S)

NIZAM COLLEGE
LESSON PLAN FOR THE ACADEMIC YEAR _2022-2023
DEPARTMENT OF _Telugu

Class: M TELUGU   (Semester: _VI)

Name of the Subject: Telugu   Title of the Paper: 6. భాషాపరిణామం

Paper: 6(A)   No. of Hours Allotted: 75

Name of the Teacher: Dr. CHANDRAIAH S

Unit	Topics to be covered	No. of Hours required
I	భాష అంటే ఏమిటి? భాష పరిణామ రహితమా?	1
	శాసన, కావ్య భాష మొదలుకొని నేటి భాష–పరిణామం – 1	1
	శాసన, కావ్య భాష మొదలుకొని నేటి భాష–పరిణామం – 2	1
	ఆంధ్రము–వ్యాప్తి, చరిత్ర; తెనుగు, తెలుగు–వ్యాప్తి, చరిత్ర	1
	ఆంధ్రము–వ్యాప్తి, చరిత్ర;	1
	ఆంధ్రము–వ్యాప్తి, చరిత్ర;	1
	తెనుగు, తెలుగు–వ్యాప్తి, చరిత్ర	1
	తెనుగు, తెలుగు–వ్యాప్తి, చరిత్ర	1
	భాషా కుటుంబాలు–ద్రావిడ భాషలు–1	1
	భాషా కుటుంబాలు–ద్రావిడ భాషలు–2	1
	మూల ద్రావిడ భాష–ఇతర ద్రావిడ భాషలు–1	1
	మూల ద్రావిడ భాష–ఇతర ద్రావిడ భాషలు–2	1
	ద్రావిడ భాషల్లో తెలుగు స్థానం–1	1
	ద్రావిడ భాషల్లో తెలుగు స్థానం–2	1
	ద్రావిడ భాషల్లో తెలుగు స్థానం–3	1
	Total hours	15
II	మాండలికం అంటే ఏమిటి?	1
	భాష అంటే ఏమిటి?	1
	మాండలికాలు ఎలా ఏర్పడుతాయి?	1
	మాండలికాలను ఎలా అధ్యయనం చేయాలి	1
	మాండలిక పటాలు–వాటి ఉపయోగాలు	1
	మాండలికం అంటే ఏమిటి?	1
	భాష అంటే ఏమిటి?	1
	తెలంగాణ మాండలికం	1
	తెలంగాణ మాండలికం–చారిత్రక, సామాజిక, భౌగోళిక భూమిక	1
	తెలంగాణ భాష స్వరూపం – పదస్థాయి; సంధులు	1
	తెలంగాణ భాష స్వరూపం – పదస్థాయి; విభక్తి ప్రత్యయాలు	1

	బహువచన నిర్మాణం	1
	నామ పదాల ప్రత్యేకత	1
	క్రియా రూపాల నిర్మాణ ప్రత్యేకత	1
	తెలంగాణ వాక్యం – విశేషాలు?	1
	Total hours	15
III	ధ్వని–వర్ణం అంటే ఏమిటి?	1
	వర్ణ సమీకరణం అంటే ఏమిటి?–1	1
	వర్ణ సమీకరణం అంటే ఏమిటి?–2	1
	వర్ణ విభేదం అంటే ఏమిటి?–1	1
	వర్ణ విభేదం అంటే ఏమిటి?–2	1
	వర్ణ వ్యత్యయం అంటే ఏమిటి?–1	1
	వర్ణ వ్యత్యయం అంటే ఏమిటి?–2	1
	వర్ణ స్వామ్యం అంటే ఏమిటి?	1
	తాలవ్యీకరణం అంటే ఏమిటి?–1	1
	తాలవ్యీకరణం అంటే ఏమిటి?–2	1
	శ్వసత అంటే ఏమిటి?	1
	నాదత అంటే ఏమిటి?	1
	వ్యావహారిక భాషలో జరుగుతున్న ధ్వని విపరిణామాలపై చర్చ	1
	ప్రాచీన భాషలో ఉన్న పదాలు ఆధునిక కాలంలో పొందిన ధ్వని పరిణామంపై చర్చ	1
	ప్రశ్నోత్తరాల సమయం	1
		15
IV	అర్థం అంటే ఏమిటి?	1
	అర్థ సంకోచం అంటే ఏమిటి?	1
	అర్థ సంకోచం అంటే ఏమిటి?	1
	అర్థ వ్యాకోచం అంటే ఏమిటి?	1
	అర్థ వ్యాకోచం అంటే ఏమిటి?	1
	సభ్యోక్తి నిర్వచనం, వివరణ	1
	అర్థాపకర్ష అంటే ఏమిటి?	1
	అర్థాపకర్ష అంటే ఏమిటి?	1
	లోకనిరుక్తి అంటే ఏమిటి?	1
	లోకనిరుక్తి అంటే ఏమిటి?	1
	వ్యావహారిక భాషలో జరుగుతున్న అర్థవిపరిణామాలపై చర్చ	1
	ప్రాచీన భాషలో ఉన్న పదాలు ఆధునిక కాలంలో పొందిన అర్థపరిణామంపై చర్చ	1
	ప్రశ్నోత్తరాల సమయం	1
		13
V	అన్యదేశ్యం అంటే ఏమిటి?	1
	అన్యదేశ్యాలు ఎలా ఏర్పడుతాయి?	1

ప్రపంచ భాషల మధ్య ఆదాన, ప్రదానాలు	1
తెలుగు భాష-ఉర్దూ మాతృభాషీయుల పాలన	1
తెలుగు భాష-ఉర్దూ, ఫారసీ పదాల విశ్లేషణ-1	1
తెలుగు భాష-ఉర్దూ పదాల విశ్లేషణ-1	1
ఆంగ్లేయుల పాలన-ఇంగ్లీషు భాషా పదాలు	1
తెలుగు-తమిళ భాషా సంబంధాలు	1
తెలుగు-తమిళ భాషా సంబంధాలు-తమిళ పదాలు	1
తెలుగు-కన్నడ భాషా సంబంధాలు	1
తెలుగు-కన్నడ భాషా పదాలు-కన్నడ పదాలు	1
తెలుగు-పోర్చుగీసు భాషా సంబంధాలు	1
తెలుగు-పోర్చుగీసు భాషా సంబంధాలు- పోర్చుగీసు పదాలు	1
వ్యావహారిక భాషలో జరుగుతున్న అర్థవిపరిణామాలపై చర్చ	1
ప్రాచీన భాషలో ఉన్న పదాలు ఆధునిక కాలంలో పొందిన అర్థపరిణామంపై చర్చ	1
ప్రశ్నోత్తరాల సమయం	1
ప్రశ్నాపత్రం సరళిపై చర్చ	1
	17
	75
Syllabus to be covered in	

Name of the teacher

S. చంద్రయ్య

(Dr. CHANDRAIAH.)

NIZAM COLLEGE

LESSON PLAN FOR THE ACADEMIC YEAR 2022 – 2023

DEPARTMENT OF TELUGU

Class: SEC Skill Enhancement Course (Telugu) Semester: III Paper: I

Name of the Subject: తెలుగు (తెలుగు భాష అధ్యయన పద్ధతులు)

Unit –I చదివే పద్ధతులు   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	వినడం	1
2	మాట్లాడటం	1
3	చదవడం	1
4	పై మూడింటి పైన పూర్తి వివరణ	1
5	భిన్న ప్రయోజనాలకోసం చదవడం	1
6	చదివే పద్ధతులు	1
7	చదివే వ్యవది	1
8	కొన్ని మెలకువలు	1
9	భాషా ప్రయోగ నైపుణ్యం	1
10	పరస్పర ప్రభావాలు	1
11	పఠనశైలి	1
12	పఠించే లక్షణాలు	1
13	పఠనం ఉపయోగాలు	1
14	ప్రస్నోత్తరాలు	1
15	పునశ్చరణ	1

NIZAM COLLEGE

LESSON PLAN FOR THE ACADEMIC YEAR 2022 – 2023

DEPARTMENT OF TELUGU

Class: SEC Skill Enhancement Course (Telugu) Semester: III Paper: I

Name of the Subject: తెలుగు

Unit –II రాసే పద్ధతులు No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	లిపి	1
2	ధ్వని	1
3	లిపికి, ధ్వనికి మధ్య ఉన్న సంబంధం	1
4	తెలుగు వివరణ	1
5	తెలుగు రాయడం	1
6	తెలుగు మాటలను రాయడంలో ఉన్న సమస్యలు	1
7	ఇంగ్లిష్ భాష పరిచయం	1
8	ఇంగ్లిష్ మాటలు అనువాదం	1
9	ఇంగ్లిష్ మాటలను అనువదించడంలో ఉన్న సమస్యలు	1
10	రాసే పద్ధతులు	1
11	రాసే పద్ధతి ఒకే విధంగా ఉండాల్సిన ఆవశ్యకత	1
12	లేఖనా పద్ధతులు	1
13	లేఖనా శైలి	1
14	పస్నోత్తరాలు	1
15	పునశ్చరణ	1

NIZAM COLLEGE

LESSON PLAN FOR THE ACADEMIC YEAR 2022 – 2023

DEPARTMENT OF TELUGU

Class: SEC Skill Enhancement Course (Telugu) Semester: IV Paper: I
Name of the Subject: తెలుగు (కవిత్వం, కథానిక – రచన నైపుణ్యం)
Unit –I కవిత్వం   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	కవిత్వం పరిచయం	1
2	కవిత్వం రచనా విధానం	1
3	కవిత్వం శైలి	1
4	భావన పరిచయం	1
5	భావం నిర్వచనం	1
6	భావన – భావం	1
7	వస్తువు ఎంపిక	1
8	శిల్పం వివరణ	1
9	భాషా ప్రయోగం	1
10	శిల్పం –భాషా ప్రయోగం	1
11	శిల్పం – నిర్మాణం	1
12	శిల్పం ఆవిష్కరణ	1
13	కవిత్వం ఎత్తుగడ	1
14	పస్నోత్తరాలు	1
15	పునశ్చరణ	1

LESSON PLAN FOR THE ACADEMIC YEAR 2022 – 2023

DEPARTMENT OF TELUGU

Class: SEC Skill Enhancement Course (Telugu) Semester: IV Paper: I

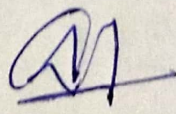Name of the Subject: తెలుగు (కవిత్వం, కథానిక – రచన నైపుణ్యం)

Unit –II కథానిక   No. of Hours Allotted: 15

	Topics to be covered	No. of Hours required
1	కథానిక పరిచయం	1
2	కథానిక రచనా విధానం	1
3	కథానిక శైలి	1
4	కథానికలు రకాలు	1
5	వివిధ రకాల కథానికలు	1
6	వస్తువు నిర్మాణం	1
7	కథానిక వస్తువు ఎంపిక విధానం	1
8	కథానికా శిల్పం వివరణ	1
9	భాషా ప్రయోగం	1
10	కథానికా శిల్పం –భాషా ప్రయోగం	1
11	కథానిక విశ్లేషణ	1
12	కథా శిల్పం ఆవిష్కరణ	1
13	కథా ఎత్తుగడ	1
14	పస్నోత్తరాలు	1
15	పునశ్చరణ	1

Name of the Teacher   Head of the Dept Telugu

Dr. B. Rajaram

HEAD
Dept. of Telugu
NIZAM COLLEGE
O. U. Hyderabad.