

**BRAHMANANDA PUBLIC SCHOOL NOIDA**  
**(AFFILIATED TO C.B.S.E)**  
**CURRICULUM IMPLEMENTATION PLAN (CIP)**  
**ACADEMIC YEAR 2020-2021**

**SUBJECT- ENGLISH**

**CLASS-XI-B**

**TEACHER NAME-NEENA  
AGARWAL**

MONTH : APRIL -SEP	U.T-1/U.T-2/ HALF YEARLY	
	<u>CONTENT</u>	
TEXT BOOK	CHAPTER	NO.OF PERIODS ALLOTTED
	<b>U.T-1</b>	
Hornbill	1.The Portrait of a lady	2
	Poem –A Photograph	2
	2.Discovering Tut	2
	Poem- The Laburnum Top	2
	3. The Ailing Planet	2
Writing	Notice Writing	2
	Letter Writing	2
	<b>U.T-2</b>	
Hornbill	4. The Browning Version	3
	Poem-Childhood	2
	5.The Adventure	3
	Poem-Father to Son	2
Writing	Invitation, Note Making	3
	Resume	2
<b>HALF-YEARLY</b>	<b>U.T-1+U.T-2</b>	
MONTH- OCT. - FEB.	U.T-3/U.T-4/ANNUAL	
	<b>U.T-3</b>	
Snapshots	1.The summer of the Beautiful White Horse	2
	2.The Address	3
	3.Ranga’s Marriage	2
	4.Albert Einstein at school	3
	5.The Ghat of the only world	3
	6. The Tale of Melon city	3
Writing	Report Writing	2
	<b>U.T-4</b>	
Hornbill	6.We are not afraid to die.	2
	7.Silk Road	2
	8.Landscape of the soul	3
	Poem - The voice of the rain	2
Snapshots	7.Mother’s Day	3
	8.Birth	3
<b>ANNUAL</b>	<b>Entire syllabus</b>	

**SUBJECT:  
MATHEMATICS**

**CLASS : XI B**

**TEACHER'S NAME :  
MR.VISHAL SAHANI**

MONTH : APRIL -SEP	U.T-1/U.T-2/ HALF YEARLY	
	<u>CONTENT</u>	

TEXT BOOK	CHAPTER	NO.OF PERIODS ALLOTTED
	<b>U.T-1</b>	
NCERT		
April	Ch 1 Sets	18
	Ch 2 Relation and Function	16
	Ch 12 Introduction to Three Dimensional Geometry	8
May	Ch 3 Trigonometric Functions	12
	Ch 4 Principle of Mathematical Induction	10
	<b>U.T-2</b>	
July	Ch 5 Complex Numbers and Quadratic Equations	12
	Ch 6 Linear Inequalities	10
	Ch 7 Permutations and Combinations	12
August	Ch 8 Binomial Theorem	14
<b>HALF YEARLY</b>	<b>UT 1 + UT 2</b>	
	<b>U.T-3</b>	
October	Ch 9 Sequence and Series	16
	Ch 10 Straight Lines	14
	Ch 11 Conic Section	12
	<b>U.T-4</b>	
November	Ch 15 Statistics	16
	Ch 16 Probability	16
	Ch 13 Limits and Derivatives	14
December	Ch 14 Mathematical Reasoning	8
<b>ANNUAL</b>	<b>Entire syllabus</b>	

**SUBJECT- PHYSICS**

**CLASS-XI-B**

**TEACHER NAME- MRS.  
KRISHNA SAHA**

MONTH : APRIL -SEP	UT1/UT2/ HALF YEARLY	
	<b>CONTENT</b>	
TEXT BOOK	CHAPTER	NO. OF PERIODS ALLOTTED
	<b>U.T-1</b>	
NCERT		
(APRIL)	CH.1- PHYSICAL WORLD AND MEASUREMENTS	3
	CH.2- UNITS AND MEASUREMENTS	7
(MAY)	CH.3- MOTION IN STRAIGHT LINE	12
	<b>U.T-2</b>	
(JULY)	CH.4- MOTION IN PLANE	12
	CH.5- LAWS OF MOTION	14
(AUG)	CH.6- WORK, ENERGY, POWER	12
(SEPT)	CH.7- MOTION OF SYSTEM OF PARTICLE AND ROTATIONAL MOTION	18
	CH.8- GRAVITATION	12
<b>HALF YEARLY</b>	<b>UT 1 + UT 2</b>	

MONTH: OCT- FEB	UT3/ UT4/ANNUAL	
	U.T-3	
(OCT)	CH.9- MECHANICAL PROPERTIES OF SOLID	8
	CH.10- MECHANICAL PROPERTIES OF FLUIDS	8
(NOV)	CH.11- THERMAL PROPERTIES OF MATTER	8
	U.T-4	
(DEC)	CH.12- THERMODYNAMICS	12
(DEC)	CH.13- KINETIC THEORY	8
(DEC)	CH.14- OSCILLATIONS	13
(JAN)	CH.15- WAVES	13
ANNUAL	ENTIRE SYLLABUS	

**SUBJECT-CHEMISTRY**

**CLASS-XI-B**

**TEACHER NAME:  
SHUBHI SHARMA**

MONTH : APRIL -SEP	UT1/UT2/ HALF YEARLY	
	CONTENT	
TEXT BOOK	CHAPTER	NO.OF PERIODS ALLOTTED
	U.T -1	
NCERT (PART I &II) (APRIL)	CH.1-SOME BASIC CONCEPT OF CHEMISTRY	12
	CH.2- STRUCTURE OF ATOM	16
(MAY)	CH.3- CLASSIFICATION OF ELEMENTS	8
(JULY)	CH.4- CHEMICAL BONDING	14
	U.T 2	
	CH.5- STATES OF MATTER	12
(AUGUST)	CH.9- HYDROGEN	8
	CH.8- REDOX REACTION	8
	CH.10- S- BLOCK ELEMENTS	10
(SEPT)	CH.14- ENVIRONMENTAL CHEMISTRY	6
HALF YEARLY	U.T - 1 + U.T – 2	
MONTH- OCT. - FEB.	U.T-3/U.T-4/ANNUAL	
	U.T - 3	
NCERT (PART I &II) (OCT)	CH.6- THERMODYNAMICS	14
	CH.7- EQUILIBRIUM	18
	U.T - 4	
(NOV)	CH.11- P- BLOCK ELEMENTS	10
(DEC)	CH.12- ORGANIC CHEMISTRY	16
(JAN)	CH.13- HYDROCARBONS	14
ANNUAL	FULL SYLLABUS	

**SUBJECT- BIOLOGY**

**CLASS-XI-B**

**TEACHER NAME-  
BHAWNA**

MONTH : APRIL -SEP	UT1/UT2/ HALF YEARLY	
--------------------	----------------------	--

	<u>CONTENT</u>	
TEXT BOOK	CHAPTER	NO.OF PERIODS ALLOTTED
	<b>U.T -1</b>	
APRIL	CH.1- THE LIVING WORLD	
	CH.2- BIOLOGICAL CLASSIFICATION	
	CH.3- PLANT KINGDON	
MAY	CH.4- ANIMAL KINGDOM	
	CH.8- CELL –THE UNIT OF LIFE	
	<b>U.T-2</b>	
JULY	CH.5- MORPHOLOGY OF FLOWERING PLANTS	
	CH.6- ANATOMY OF FLOWERING PLANTS	
	CH.7- STRUCTURAL ORGANISATION IN ANIMALS	
AUGUST	CH.9- BIOMOLECULES	
	CH.10- CELL CYCLE & CELL DIVISION	
HALF YEARLY	UT1+UT2	
MONTH- OCT. - FEB.	<b>U.T-3/U.T-4/ANNUAL</b>	
	<b>U.T - 3</b>	
SEPTEMBER	CH.11- TRANSPORT IN PLANTS	
	CH.12- MINERAL NUTRITION	45
	CH.13- PHOTOSYNTHESIS	
OCTOBER	CH.14- RESPIRATION IN PLANTS	
	CH.15- PLANTS GROWTH & DEVELOPMENT	
	CH.16- DIGESTION & ABSORPTION	
	<b>UT-4</b>	
NOVEMBER	CH.17- BREATHING	35
	CH.18- BODY FLUIDS	
	CH.19- EXCRETORY PRODUCT	
	CH.20- LOCOMOTION	
	CH.21- NEURAL CONTROL	
	CH.22- CHEMICAL COORDINATION	
ANNUAL	FULL SYLLABUS	

**SUBJECT: COMPUTER SCIENCE**

**CLASS: XI-B**

**TEACHER'S NAME:**

MONTH : APRIL -SEP	UT1/UT2/ HALF YEARLY	
	<u>CONTENT</u>	
TEXT BOOK	CHAPTER	NO.OF PERIODS ALLOTTED
	<b>U.T -1</b>	
NCERT (COMPUTER SCIENCE WITH PRACTICE BY		
(APRIL)	UNIT-I	20 + 12
	COMPUTER SYSTEMS AND ORGANISATION	
	-BASIC COMPUTER ORGANISATION	
	-TYPES OF SOFTWARE, MEMORY UNITS BOOLEAN LOGIC	

	-STRINGS, FLOWCHART, CONCEPT OF COMPUTER, EXECUTION, CONCEPT OF CLOUD COMPUTING	
(MAY)	UNIT-III	20 + 12
	COMPUTATIONAL THINKING AND PROGRAMMING	
	-FEATURES OF PYTHON, VARIABLES	
	-KNOWLEDGE OF DATABASE & OPERATIONS	
	UT-2	
(JULY)	-CONDITIONAL STATEMENTS	20 + 12
	-INTERACTIVE COMPETITION	
	-DEBUGGING	
	-LISTS, TRIPLES & DICTIONARY	
AUGUST	-SORTING ALGORITHM	20 + 12
	-STRINGS, INTRODUCTION TO PYTHON MODULES	
	UNIT-III	
	-DATA MANAGEMENT	
	RELATIONAL DATABASES	
HALF YEARLY	UT-I + UT-II	
MONTH: OCT- FEB	UT-3/ UT-4 / ANNUAL	
	UT-3	
SEPTEMBER	-USE SQL	20 + 12
	-AGGREGATE FUNCTIONS	
	-BASICS OF NOSQL DATABASE	
	UNIT-IV SOCIETY LAW & ETHICS- CYBER SAFETY	
	-CYBER SAFETY	
	-USAGE OF SOCIAL NETWORKS	
	UT-4	
	-SAFELY ACCESSING WEBSITES	20 + 12
	-SAFELY COMMUNICATING DATA	
NOV- JAN	REVISION OF SYLLABUS	
ANNUAL	ENTIRE SYLLABUS	

**SUBJECT: HINDUSTANI  
VOCAL MUSIC**

**CLASS : XI B**

**TEACHER'S NAME :  
Mrs.TAMALI GUHA**

MONTH : APRIL -SEP	U.T-1/U.T-2/ HALF YEARLY	
	CONTENT	
TEXT BOOK	CHAPTER	NO.OF PERIODS ALLOTTED
	U.T-1	
	1 – परिभाषाएँ	3
	2 – संगीतका इतिहास	3
	3 – जीवनी 1	3
	4 – ध्रुपद का इतिहास	3
	5 – ताल परिचय	3
	6 – राम, थाट, ध्रुनि , स्वर की भिन्नताएँ	3

	7 – सुगम संगीत ( भजन )	3
	<b>U.T-2</b>	
	1 – परिभाषाएँ	3
	2 – नाट्य शास्त्र	4
	3 – ध्रुपद की वाणियों का महत्व	3
	4 – ताल परिचय	3
	5 – राग परिचय	3
	6 – सरस्वती वंदना	3
	7 – जीवनी – 2	3
<b>अर्धवार्षिक परीक्षा</b>	<b>UT-1 + UT-2</b>	
<b>MONTH- OCT. - FEB.</b>	<b>U.T-3/U.T-4/ANNUAL</b>	
	<b>U.T-3</b>	
	1 – परिभाषाएँ	3
	2 – वृहदयशी ग्रन्थ	3
	3 – जीवनी – 3	3
	4 – ताल परिचय	3
	5 – राग परिचय	3
	6 – ख्याल का संक्षिप्त इतिहास	6
	<b>U.T-3</b>	
	1 – परिभाषाएँ	3
	2 – राग परिभाषा एवं वर्णन	4
	3 – धमार	3
	4 – मार्गी संगीत / देशी संगीत	3
	5 – तानपूरा (वाद्ययंत्र )	3
	6 – तान / आलाप	3
	7 – गीत	3
<b>वार्षिक परीक्षा</b>	<b>समस्त पाठ्यक्रम</b>	