

**Motilal Nehru Public School**

Jamshedpur

Yearly Syllabus: 2018- 2019

XI A,B,C

<b>*ENGLISH LITERATURE</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
	The Tempest : Act-I ,Scene-I ,Scene-II(Line no 1 -260),
	Prose:Salvatore,Fritz
	Poetry : The Darkling Thrush,The Dolphins
<b>UT-2</b>	<b>SECOND TERM</b>
CT on drama	The Tempest : Act-I Scene -II(261-583),Act-I,Scene -I
	Prose: Quality,The Story of an Hour
	Poetry : The Gift of India,Crossing the Bar,
<b>UT-3</b>	<b>FINAL TERM</b>
The Tempest : Act-II	The Tempest : Act-II,Scene-II,Act-III
	Prose: To Build a Fire,B. Wordsworth
	Poetry : Desiderata,The Spider and The Fly (Portion of 1st term and 2nd term to be added.)
<b>*ENGLISH LANGUAGE</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
	Agrumentative Essay & Reflective Essay(2)
	Report Writing : Rules of Report ,Events & Accidents,Comprehension : 2,Proposal writing.
	Grammar : Transformation of sentences, Tenses, Prepositions
<b>UT-2</b>	<b>SECOND TERM</b>
CT on grammar,Listening & Speaking skills	Essays-narrative/descriptive + Reflective -2, Report Writing :Events,
	Book Review, Film Review,Cultural Review,Article Writing. Comprehension : 2 ,Grammar :- (All Types)
	Listening & Speaking skills,Proposal writing
<b>UT-3</b>	<b>FINAL TERM</b>
Report,Proposal & Grammer	Essay-All types(Any-2) Report Writing-Articles,Testimonial
	Comprehension,-2 Grammar - All Types(ISC Model Paper)
<b>*HINDI</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Sakhi (Kabirdas)	Putra Prem (Premchand), Gouri (Subdha Kumari Chauhan), Sara Aakash(1,2,3)

# Motilal Nehru Public School

Jamshedpur

Yearly Syllabus: 2018- 2019

XI A,B,C

Gouri (Subdha Kumari Chauhan),	Sakhi (Kabirdas), Ek fool ki chah(Siyaram Sharangupt)
<b>UT - 2</b>	<b>SECOND TERM</b>
Project & CT on Five samasamyic nibandh	Sharangat (Vrandawanlal Verma), Sati (Shivani), Sara aakash( Rajendra Yadav)- Upnayas(4,5,6,7)
	Baal Leela (Surdas), Aah dharti kitna deti hai
<b>UT-3</b>	<b>FINAL TERM</b>
Daasi (Jayshankar Prasad),	Outsider(Malti Joshi), Daasi (Jayshankar Prasad),
Tulsi Das ke Pad (Tulsidas)	Tulsi Das ke Pad (Tulsidas), Nadi ke Dawip (Aghey),
Vyakaran	Sara Aakash (Rajendra Yadav)- Upnayas(8,9,10)
	Nibandh -1, Apathit Gadhyansh -1, Muhaware, Vakya Shudh Karo.
	2. Nimnalikhit main se kisi ek par maolik kahani likhen
<b>COMPUTER</b>	
<b>UT- 1</b>	<b>FIRST TERM</b>
	Number System, Computer Structure
Number System, Program in Java(Array Single Dimension)	. Functions, Flow of control, Arrays(Single Dimension) ,String
<b>UT - 2</b>	<b>SECOND TERM</b>
Logic gates ,Program with ARRAYS( Single and Double dimension),String	Portion taught in 1st Term, Propositional Logic, Logic gates (Half and Full Adder), ARRAY Double dimension, program on string handling,Object and class along with constructor
	Internal Functioning of computer, System and other Software,
<b>UT-3</b>	<b>FINAL TERM</b>
Program in Java (String and array),Object as parameter and class as return type.	Portion taught till 2 <sup>nd</sup> Term,memory, More on String, Computing and ethics, Data Structure (STACK, QUEUE) , File Handling , Object Passing as Parameter.
<b>ECONOMICS</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Definition of Economics,Basic Economic Concepts	Definition of Economics,Basic Economic Concepts,Basic Problems of an Economy,
	Meaning, scope, limitations and Importance of Statistics Collection,
	Organisation and Presentation of Data,
	Measure of Central value,State of Indian Economy on the Eve of Independence
<b>UT -2</b>	<b>SECOND TERM</b>

# Motilal Nehru Public School

Jamshedpur

Yearly Syllabus: 2018- 2019

XI A,B,C

Project	Types of Economics Solution to the Basic Economics Problems
	Economic Growth and Development, Profile of Indian agriculture / Rural development ,Measure of Dispersion,
	Parameters (Indicator) of Development,sustainable development in India,
	Human Capital Formation (Everything covered in 1st term.)
<b>UT-3</b>	<b>FINAL TERM</b>
Problems of Poverty in India	Economic Planning and Economic Development in India,Comparitive study Indian and chinese economies, Structural changes in Indian
	Economy after Liberalisation Problems of Poverty in India Employment and Unemployment
	Co-relation,Index numbers, Mathematical tools used in economics. (Entire syllabus)
<b>*COMMERCE</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Economic , Non Economic Activities & Nature and objectives of Business	Classification of Business Activities,Nature and objectives of Business,Introduction to business org., Sole Trader,Partnership,
	Economic & Non Economic activities
<b>UT-2</b>	<b>SECOND TERM</b>
Life Insurance & Medical Insurance (Project))	Joint Stock Company, Types of Companies, formation of a companies,
	Cooperative organisations, Stock Exchange, Wholesale Trade
	Social responsibilities of business & ethics, E-business & outsourcing,
	Public enterprises & Pulic utilities.
<b>UT-3</b>	<b>FINAL TERM</b>
Retail trade	Retail trade, Nature and scope of Foreigntrade,
	trade, Export trade.Import Trade, Business risks and Insurance.
	Types of Insurances (fire,marine & life Insurance)
	WTO, Procedure & documents in home trade
<b>*Business Studies</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Entrepreneurship	Business Environment,Swot Analysis,Entrepreneurship,Start up business,Business risk and causes of failure
<b>UT-2</b>	<b>SECOND TERM</b>
Productivity enhancement tools and facilities(Project)	Manager and managerial roles,Authority ,Responsibility,Accountability.Delegation of authority,

# Motilal Nehru Public School

Jamshedpur

Yearly Syllabus: 2018- 2019

XI A,B,C

	Centralisation and Decentralisation, Business risk and causes of failure
<b>UT-3</b>	<b>FINAL TERM</b>
Change Management	Automation at work place, Productivity enhancement tools and facilities, Change management.
	Including first and second term portion

## \*BIOLOGY

<b>UT-1</b>	<b>FIRST TERM</b>
Taxonomy, 5 kingdom classification, kingdom protista, monera, fungi	The Living World, Taxonomy, 5 kingdom classification, kingdom protista, monera, fungi Morphology of flowering plant, modification of roots, stem and leaf, cell, plant physiology, transport in plants, Mineral nutrition, human physiology, digestion,
<b>UT-2</b>	<b>SECOND TERM</b>
Projects and Models	Plant Kingdom, Morphology of flower, fruit and seed, plant tissue, secondary growth, Structural organization in animals, Animal Tissues, cell structure and function, biomolecules, photosynthesis, breathing and exchange of gases, Body fluids on circulation
<b>UT-3</b>	<b>FINAL TERM</b>
Morphology and anatomy of Cockroach, Animal Kingdom	Morphology and anatomy of Cockroach, Animal Kingdom, Cell cycle and cell division, Nervous system, Locomotion, respiration in plants, plant growth and development, excretion, Chemical co-ordination

## \*BIOLOGY PRACTICAL

<b>UT-1</b>	<b>FIRST TERM</b>
	Study parts of dissecting microscope, compound microscope.
	Physiology- Food test , Effect of heat and alcohol on cell permeability.
	potato osmoscope, plasmolysis.
	Morphology- study of modification of root ,stem and leaves.
	Cytology- preparation of temporary slides of onion peel
	T.S Monocot & Dicot stem .
	Spotting -Identification of stained preparation/museum specimen
<b>UT-2</b>	<b>SECOND TERM</b>
	Physiology-Expt on Photosynthesis with different carbon dioxide conc.

# Motilal Nehru Public School

Jamshedpur

Yearly Syllabus: 2018- 2019

XI A,B,C

	Cytology-stages of mitosis in onion root tips, Slide preparation-T.S of Dicot and monocot root.
	Spotting -Identification of stained preparation, museum specimen and project.
<b>UT-3</b>	<b>FINAL TERM</b>
	Physiology-Separation of plant pigments from leaves by chromatography.
	Slide Preparation-Temporary slide preparation of Mucor/Rhizopus.
	Cytology -Revision of T.S Dicot stem, root, Monocot stem, root
	Spotting-Identification of stained preparation/museum specimen.
	Comment on Experimental set up - Osmosis, Transpiration, Photosynthesis transpirational pull.
	All practical classes will be held on the availability of the material.
<b>ACCOUNTS</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Journal	Introduction to accounting, Journal and ledger,
	Trial Balance, Cash Book, Subsidiary Books, Bank Reconciliation statement.
<b>UT-2</b>	<b>SECOND TERM</b>
Project Work & CT on Depreciation	Depreciation, Rectification of Errors, Bills of Exchange
	Portion covered in 1st term
<b>UT-3</b>	<b>FINAL TERM</b>
Final accounts	Accounting for Incomplete records, Non-trading organisation, Final account with & without adjustment,
	Accounting concept
	Entire year portion
<b>CHEMISTRY</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Mole Concept, Atomic Structure	IUPAC Nomenclature of organic compounds, Purification and detection of Elements, Periodic Table, Chemical Bonding
Nomenclature of organic compound, parts of atomic molecules	Portion covered in UT1

**Motilal Nehru Public School**

Jamshedpur

Yearly Syllabus: 2018- 2019

XI A,B,C

<b>UT-2</b>	<b>SECOND TERM</b>
States of Matter, Types of Organic reaction and mechanism	Thermodynamics and Thermochemistry, Hydrogen, Gr I & Gr II, Chemical Equilibrium
	Portion covered in UT I, UT II & 1st Term
<b>UT-3</b>	<b>FINAL TERM</b>
Hydrocarbons	Portion covered in UT I, UT II, UT III, 1st term, 2nd term
	<b>CHEMISTRY PRACTICAL</b>
	1st Term -
	Defination details (Titration), Acidimetry, Alkalimetry,
	Salt analysis - Detection of Anions (wet test)
	2nd Term -
	Salt analysis - Detection of Cations (group 0, group I, group III)
	Titration : Determine the percentage purity
	Portion covered in 1st term (Revision)
	3rd Term -
	Salt analysis - Detection of Cations (group V, group VI, group II, group IV)
	Titration : Determine the number of water molecules
	Portion covered in 1st term & 2nd term (Revision)
	Note: Practical classes will be held according to the availability of chemicals.
	<b>PHYSICS</b>
<b>UT-1</b>	<b>FIRST TERM</b>
Units/Dimensions and Vector	Units/ Dimensions, Vector, Friction, Motion in one and two dimensions
	Newton's Law of Motion
<b>UT-2</b>	<b>SECOND TERM</b>
Project on Elasticity and CT on Kinetic theory of gas	Rotational Motion, Gravitation, Fluids, Properties of Matter

# Motilal Nehru Public School

Jamshedpur

Yearly Syllabus: 2018- 2019

XI A,B,C

	Elasticity, Surface Tension, Kinetic theory of gas (Heat), First term portion
<b>UT-3</b>	<b>FINAL TERM</b>
	Kinetic theory, Calorimetry, 1st Law, Different Process, 2nd law,
	Heat engine, Conduction, Radiation, Simple harmonic motion, Waves
1st Law, Surface Tension	Entire Syllabus
<b>PHYSICS PRACTICAL</b>	
	<b>FIRST TERM</b>
	(1) To determine the external diameter of an iron bob or height of the cylindrical pipe with the help of vernier callipers, (2) To determine the length of thin rod with the help of screw gauge.
	(3) To find the radius of curvature of a spherical mirror (watch glass) with the help of spherometer
	(4) To study the properties of an inclined plane.
	<b>SECOND TERM</b>
	(5) To determine the acceleration due to gravity (g) with the help of simple pendulum.
	(6) To verify the parallelogram laws of forces.
	portion covered in the 1st term exam.
	<b>FINAL TERM</b>
	(7) To study the length of a sonometer wire with the help of sonometer box.
	(8) To determine the velocity of sound with help of resonance of air column
	Portion covered in 1st and 2nd terms.
<b>MATHEMATICS</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Trigonometry	<b>SECTION –A</b> Sets, Trigonometry (Compound Angle, Multiple Angle, Sub-multiple Angle and general Solutions of trigonometric equations), Complex numbers, Mathematical Induction and Progression (A.P. and G.P. with series).
	<b>SECTION –B</b> Introduction to 3-dimensional geometry.
	<b>SECTION –C</b> Combined mean and standard deviation, Median, Quartile, Decile, Percentile and Mode of grouped and ungrouped data

**Motilal Nehru Public School**

Jamshedpur

Yearly Syllabus: 2018- 2019

XI A,B,C

<b>UT-2</b>	<b>SECOND TERM</b>
Limits and Differentiation	<b>SECTION –A</b> Permutation and Combination, Special Series, Relation and Function, Limit and Differentiation ,
Special Series	Co-ordinate Geometry ( Straight Line & circle ).
	<b>SECTION –B</b> Same as First Term, Mathematical Reasoning .
	<b>SECTION –C</b> Index Number, Moving Average and Statistics
<b>UT-3</b>	<b>FINAL TERM</b>
Mathematical Induction and Straight Line	<b>SECTION –A</b> Quadratic Equation, Binomial Theorem, Statistics and Probability.
	<b>SECTION –B</b> Conic Section ( Parabola, Ellipse & Hyperbola) Condition of Second degree general Equation and condition of tangency.
	<b>SECTION –C</b> Correlation Analysis.
<b>ETHICS</b>	
	<b>FIRST TERM</b>
	Know Yourself, Value of the Month
	<b>SECOND TERM</b>
	Spirit of Positivity, Value of the Month
	<b>FINAL TERM</b>
	Successful People as Role Models, Value of the Month
<b>S.U.P.W.</b>	
	<b>FIRST TERM</b>
	Newspaper Drive
	<b>SECOND TERM</b>
	Social Service to Needy (Collection of old clothes, medicines and other materials and packed in a form of gift)
	Minimum three items to be brought by each student.)
	<b>FINAL TERM</b>
	Visit a Slum Area



**Motilal Nehru Public School**

Jamshedpur

**Yearly Syllabus: 2018- 2019**

**XI A,B,C**

**Motilal Nehru Public School**

Jamshedpur

**Yearly Syllabus: 2018- 2019**

**XI A,B,C**

**Motilal Nehru Public School**

Jamshedpur

**Yearly Syllabus: 2018- 2019**

**XI A,B,C**

**Motilal Nehru Public School**

Jamshedpur

**Yearly Syllabus: 2018- 2019**

**XI A,B,C**



**Motilal Nehru Public School**

Jamshedpur

**Yearly Syllabus: 2018- 2019**

**XI A,B,C**

**Motilal Nehru Public School**

Jamshedpur

**Yearly Syllabus: 2018- 2019**

**XI A,B,C**

