

INFRASTRUCTURAL FACILITIES AVAILABLE

AREA

- Built up Area : 3342.79 sq.m.
- Land Area : 5868 sq.m.

INFRASTRUCTURE FACILITIES

- Class rooms - 12
- Multipurpose Hall (with seating capacity of 200 and a dias)
- Library-cum Reading Room
- ICT Resource Centre
- Curriculum Laboratory
- Art and Craft Resource Centre
- Health and Physical Education Resource Centre (including Yoga education)
- Principal's Office
- Staff Room
- Administrative office
- Visitor's Room
- Separate Common Room for male and female students
- Seminar Room
- Refreshment Room
- Separate Toilet facility for male and female students, for Staff, and for PWD
- Parking space
- Store Rooms
- Multipurpose Play field
- Open space for additional accommodation
- Playground with indoor / outdoor Games facilities
- Fire fighting equipments, including Fire extinguishers and Fire fighting hose reel to safeguard against fire hazard
- Barrier free environment
- Hostel for male and female students – Approved Hostels available in the vicinity

LIBRARY FACILITIES

- Seating Capacity - 60
- Text Books - 10687
- Reference books - 1100
- Encyclopedias - 215
- Year Book - 20
- CD / DVD - 675
- Journals - 30
- E-Journals – N-List
- Photocopying facility
- Computer with Internet facility - 5

RESOURCE CENTRE CUM DEPARTMENT LIBRARY (M.Ed.)

- Policy Documents / Commission Reports / Curriculum Documents / Research Reports / Audio-visual equipments etc.

ICT FACILITIES

- Computers - 50
- Internet facility (Administrative Office / Principal's Room / IQAC Room / Class Rooms / Staff Room / Library / ICT Resource Centre)
- Smart Interactive Board – 11
- LCD Projector - 12
- TV - 3
- Video Camera - 4
- Printer (Library / Administrative Office) - 9
- Scanner – 4
- Digital Visualiser – 2

DRINKING WATER FACILITY

- RO Water Purifier - 2

INSTRUCTIONAL FACILITIES AVAILABLE

GENERAL INSTRUCTIONAL AIDS

Audio Visual Aids

TV / DVD Player / Radio / Photographs / Films

Display Boards

Flannel Boards / Bulletin Boards

Projected Aids

LCD Projector / Digital Visualiser / OHP / Slide Projector

Graphic Aids

Charts / Pictures / Graphs / Maps

CURRICULUM LABORATORY

Instructional Aids for Physical Science Education

Equipments / Apparatus

Digital pH/Conductivity/TDS/Salinity/Temperature Meter
Ammeter, Galvanometer, Voltmeter, Water Distillation Unit
Spring Balance, Physical Balance, Rheostat, Tuning fork, Thermometer
Lenses, Mirrors, Cells, Magnets

Chemicals

pH papers, pH solutions, indicators, salts, bases, acids, metals

Models

Still models and Working models of Physics and Chemistry of Secondary School Syllabus

Charts

Displaying the principles of Physics and Chemistry

Photographs

Photographs of eminent Scientists

Glassware

Beakers, Test tubes, Pipettes, Burettes, Boiling tubes, Funnel, China Dish, Reagent bottles, Measuring cylinder, Glass rods, Glass tubes

Instructional Aids for Natural Science Education

Equipments

Compound Microscope
Dissection Microscope
Digital Sphygmomanometer
Digital Blood Sugar Monitor
Digital Thermometer - Clinical

Models

Human skeletal system, Brain, Heart, Ear, Eye
Chloroplast, Plant Cell, Animal Cell

Specimens

Human embryo, Foetus
Organisms (Algae, Fungi etc.)
Insects, Reptiles

Charts

Displaying the structure of skeleton, brain, heart, ear, eye
Respiratory system, Circulatory system, Excretory system
Flower, Photosynthesis, Life cycle of Butterfly

Plant Cell, Animal Cell, Pollination, Hybridisation

Photographs

Photographs of eminent Scientists

Glassware

Slides, Petri Dish, Beakers, Test tubes, Pipettes, Burettes, Reagent bottles

Instructional Aids for Mathematics Education

Mathematical Models

Working Models

Still models like prisms, pyramids & other geometrical shapes

Charts

Displaying mathematical principles

Photographs

Photographs of eminent mathematicians

Geometrical instruments

Comprising of Compass, Scale, Protractor etc.

Instructional Aids for Social Science Education

Apparatus

Globe

Models

Solar System

Standard Time Indicator

Solar and Lunar Eclipses

Day and Night Apparatus

Seasons Apparatus Set of 4 Globes

Theodolite Model

Students' Planetarium

Weather Station

Charts (Time Chart /Flow Chart /Issue Chart /Table Chart /Pictorial Chart)

Continents Chart

Geography Chart

Maps

Political Maps

Physical Maps

Geographical Outline Map

Instructional Aids for Language Education

Language teaching resources for English and Malayalam language education

Models / Charts / Flash Cards / Cut-outs

I.T. enabled Language Lab

Instructional Aids for Commerce Education

Models

Still models of Cheque, Bill of Exchange etc.

Specimens / Formats

Important documents like Memorandum of Association, Articles of Associations, Partnership Deed etc.

Charts

Management Principles, Decision making process, Types of trade etc.

Photographs

Photographs of eminent management thinkers

Pictures

Accounting Cycle, Steps in Planning, Need hierarchy etc.

Instructional Aids for Psychology

Photograph's of Eminent Psychologists

Human Physiology charts

Psychomotor Tests

Perception Tests

Memory Tests

Learning Tests

Aptitude Tests

Personality Tests

Intelligence Tests

Creativity Tests

Interest Inventories

Guidance Tools

Mental Health Scales

Test Instruments

Memory Drum

Winking Reflex Apparatus

Eye – hand co-ordination Test Apparatus

Trial & Error Learning Maze

Mirror Drawing Apparatus

Finger Dexterity Board

Sequin Form Board

Bhatia's battery of performance Test of Intelligence

Horizontal – Vertical Illusion Board

Grip dynamometer

Speedometer

Passi – Usha Test of Creative Problem Solving

Teaching Aptitude Test Battery

Guidance Needs Inventory

T.A.T. Blank for Recording and Interpreting T.A.T. stories

Differential Aptitude Tests

Mechanical Reasoning

Consumable Booklet of PSSH1,TCF, TCW

Children's Apperception Test

Thematic Apperception Test

Psychodiagnostics Text Book

Rorschach Test

A practical Manual for the Rorschach Test

Eminent Psychologists (13)

Non Verbal Test of Creative Thinking

Vocational Interest Record

Educational Interest Record

Verbal Test of Creative Thinking

Cattell's 16 PF Questionnaire – Form C, Form E, Form A, Form D, Form B

Rorschach Ink Blot Test
Raven's Coloured Progressive Matrices
Raven's Standard Progressive Matrices
Maps & Charts
Schema block – Art

GAMES AND SPORTS EQUIPMENTS / FACILITIES

- *Indoor* – Yoga Mats / Table Tennis / Chess Board / Carrom Board / Fitness Centre - Gymnasium / Tread Mill (2) / Orbitrack / Multigym (2) / Weight lifting equipments and other fitness equipments, Throwing implements
- *Outdoor* – Football / Volleyball / Shuttle Badminton Courts - Shuttle rackets & cocks / High Jump Uprights / Cricket Kit / Balls for different outdoor games / Hand Ball Court / Shot / Discus / Javelin / Skipping ropes

ART AND CRAFT / WORK EXPERIENCE ROOM

Charts, Pictures, Films, Songs, Working Tools and Instruments

Musical Instruments

- Veena – 1
- Guitar – 2
- Tabla – 2
- Harmonium - 1
- Violin – 1
- Electric Keyboard – 1
- Mridangam – 1
- Drum – 2
- Flute – 1
- Bugle – 2
- Gajra – 1
- Chilanka – 1