

ACADEMICS & CURRICULUM – DPS NTPC VIDYUT NAGAR, DADRI

Nurturing Excellence | Building Futures

Delhi Public School, NTPC Vidyut Nagar is committed to providing **holistic, value-based and future-ready education** in alignment with the vision of the DPS Society and the guidelines of the **Central Board of Secondary Education (CBSE)**. The academic programme is designed to nurture intellectual curiosity, creativity, ethical values and lifelong learning skills.

Academic Philosophy

At DPS NTPC Vidyut Nagar, education extends beyond textbooks. The school believes that **every child is unique** and provides opportunities to discover, explore and excel. The teaching-learning process emphasizes:

- Conceptual clarity and experiential learning
 - Critical thinking and problem-solving skills
 - Effective communication and language proficiency
 - Emotional intelligence, values and social responsibility
 - Integration of academics with co-curricular and life skills
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Affiliation & Accreditation

Delhi Public School, NTPC Vidyut Nagar is **affiliated to the Central Board of Secondary Education (CBSE)** and strictly follows CBSE norms and NCERT guidelines from **Nursery to Class XII**.

Curriculum Structure

Pre-Primary (Nursery, KG I & KG II)

The Pre-Primary curriculum is **play-based, experiential and child-centric**, fostering joyful learning in a safe and stimulating environment. Learning is integrated through stories, music, art, movement and hands-on activities.

Focus Areas:

- Language development and communication
 - Early numeracy skills
 - Motor skill development
 - Social, emotional and moral growth
 - Environmental awareness
 - Creativity through art, music and dance
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Primary School (Classes I – V)

The Primary curriculum, based on **NCERT guidelines**, focuses on building strong foundational skills and conceptual understanding.

Key Learning Areas:

- Languages: English & Hindi
 - Mathematics
 - Environmental Studies – Learning by Doing
 - Computer Science
 - Art & Craft, Music and Dance
 - Physical & Health Education
 - Life Skills and Value Education
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Middle School (Classes VI – VIII)

The curriculum based on **NCERT guidelines** becomes more structured while continuing inquiry-based and activity-oriented learning.

Subjects Offered:

- English
 - Hindi / Sanskrit
 - Mathematics
 - Science
 - Social Science
 - Computer Science
 - Data Science
 - FMM
 - Art Education
 - Physical & Health Education
 - Work Experience
 - Life Skills and Value Education
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Secondary School (Classes IX & X)

The Secondary curriculum strictly follows the **CBSE syllabus and NCERT textbooks**, preparing students for the All India Secondary School Examination.

Core Subjects:

- English
 - Hindi / Sanskrit
 - Mathematics
 - Science
 - Social Science
 - Artificial Intelligence (Optional – Class IX)
 - Computer Applications (Optional – Class X)
 - Art Education, Music & Sports
 - Life Skills and Value Education
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Senior Secondary School (Classes XI & XII)

The school offers a wide range of subject combinations across **Science, Commerce and Humanities streams**.

Science Stream (Medical & Non-Medical):

English, Physics, Chemistry, Mathematics or Biology,
Computer Science/ Economics/ Physical Education/ Geo-Spatial Technology/
Entrepreneurship/ Economics, (5th optional subjects)
Music, Painting (6th optional subjects)

Commerce Stream (With / Without Mathematics):

English, Accountancy, Business Studies, Economics,
Mathematics/FMM/Entrepreneurship/Physical Education/Geospatial Technology (5th
optional subjects)
Music, Painting (6th optional subjects)

Humanities Stream:

English, Political Science, History, Geography
Mathematic/FMM/ Economics / Entrepreneurship / Physical Education / GST (5th
optional subjects)
Music, Painting (6th optional subjects)

Skill education, Physical Education, Art Education, Music and Sports are integral parts of the curriculum.

Academic Infrastructure & Learning Facilities

To support effective teaching and holistic development, the school is equipped with **well-planned academic, technological, creative and sports facilities** in accordance with CBSE norms.

Science & Mathematics Laboratories

Well-equipped **Physics, Chemistry and Biology Laboratories** support practical learning at secondary and senior secondary levels. A **Composite Science Laboratory** caters to junior classes. The **Mathematics Laboratory** promotes experiential and activity-based learning.

Technology & Innovation Facilities

The school has modern **Computer Laboratories**, a **Robotics Lab**, **ATL / Innovation Lab** and **FMM Lab**, providing hands-on exposure to coding, robotics, design thinking and STEM-based innovation. **Digital Boards and Smart Classrooms** enhance ICT-enabled teaching.

Libraries & Language Development

A **Junior Library** and a **Senior Library** with age-appropriate books, reference materials and digital resources promote reading and research skills. The **English Language Laboratory** enhances listening, speaking and communication skills.

Arts, Music & Cultural Education

Dedicated rooms for **Visual Arts, Sculpture Art, Art & Craft, Dance, and Music (Western & Hindustani)** encourage creativity, cultural awareness and artistic expression.

Social Science & Leadership Learning

A **Social Science Laboratory** and **Mock Parliament** provide experiential learning in civics, democracy, leadership and public speaking.

Health, Wellness & Life Skills

Facilities such as a **Yoga Club** and **Meditation Room** promote physical fitness, mental well-being and value-based education.

Sports & Physical Education

The school provides **indoor and outdoor sports facilities**, play stations and activity zones, ensuring physical development, discipline and sportsmanship.

Multipurpose Hall

A spacious **Multipurpose Hall** is used for assemblies, cultural programmes, competitions, workshops and co-curricular activities.

✦✦ Our Commitment

Through a balanced blend of academics, innovation, creativity and values, DPS NTPC Vidyut Nagar is committed to nurturing **confident, competent and responsible learners**, well prepared to meet global challenges while remaining rooted in Indian ethos.
