

**SHIVALIK PUBLIC SCHOOL**

**MOHALI**

**An Institution for man-making**



# Shivalik Learner is

a communicator

globally aware

a self-directed learner

an innovator



a problem solver

civically engaged

a critical thinker

a collaborator

information & media literate

techno-savvy

Self Sufficient and Creative

# From the Director's Desk



"A nation is great not because a few people are great, but because everyone in the nation is great."-

Shri APJ Abdul Kalam

I believe school plays a pivotal role in making people great, who in turn make a nation great. Schools educate and educate. They inculcate values that give meaning and strength to a person's character by occupying central place in one's life. They embellish one's behavior with good qualities and prompts one to become, as Albert Einstein said "not a man of success, but rather a man of values."

Children have hidden potential which is identified and encouraged by the school both in scholastic as well as co-scholastic areas. We have oriented our system of education to be in complete harmony with the current needs. SMART goal (Specific, Measurable, Achievable, Realistic and Time bound) sums up our holistic approach towards education. We have equipped the school with interactive and smart class technology, Digital Language Lab, 3-D Lab and a Tinkering Lab. Our computer aided education makes learning both interesting and absorbing. Our focus is always on all round development.

Teachers sow the seeds of learning in the receptive minds of the young. They are beacon lights and towers of strength. We have the very best of them who translate our vision of education into reality. They devote their time and energy with patience and warmth to inspire the students to excel in their goals, Our results speak of their perseverance for attainment of excellence year after year.

"Victory with Determination" is our motto and we continue to strive for it with zeal.

**D.S.Bedi**



Joyous moments

## Introduction

Among the prominent educational institutions in the northern region, Shivalik Public School occupies a place of pride. The immense service that the school has rendered to the student community in academics, sports and socio-cultural spheres is noteworthy. Shivalik Public School is an English medium, co-educational school which strives to develop the various facets of a child's personality through quality education. It is managed by the Shivalik Educational Society (Regd.), Chandigarh, a charitable trust. "Victory with Determination", the motto of the school, sets before the scholars an ideal of positive thinking, leading to sure success.

Established in 1970, Shivalik Public School, Phase 6, Mohali, has matured into a premiere English medium and co-educational institution. It is a residential-cum-day school, permanently affiliated to Central Board of Secondary Education, New Delhi, under its 10+2 pattern.

Set in a sprawling campus of ten acres, the school has state-of-the-art infrastructure and facilities including a world-class Auditorium and a multi-purpose Gymnasium. Over the years, it has emerged into an important educational and cultural hub of the region.

## Aims & Objectives

The School prepares the students for All India Senior Secondary Examination conducted by the Central Board of Secondary Education, New Delhi. In today's world marked by competitiveness, the school aims at providing holistic education that enables the students to meet the challenges and pursue their goals. Honing skills and exploring the hidden talent by providing a stimulating environment is the guiding spirit. This not only enables the students to discover their true potential and develop an inquisitive mind but also helps them acquire sterling qualities and ethical values.



## Affiliation

The school is affiliated to All India Central Board of Secondary Education, New Delhi, under its 10+2 pattern. The Educational ladder consists of 3 years of pre-primary, 8 years of primary and upper primary and 2 years of Secondary education. This is followed by 2 years of Senior Secondary Education. A Public examination conducted by the Central Board of Secondary Examination, New Delhi is administered, at the end of classes X and XII.

## Curriculum

The school curriculum has been evolved to ensure an enriching learning experience. It is based on the national pattern of education and is designed as per CBSE guidelines. The school holds classes from lower kindergarten up to senior secondary stage with English as the medium of instruction and offers Arts and Science subjects along with Computer Science. G. K. and Moral Education form an essential part of the school curriculum. With a focus on quality education, classroom teaching is interactive and is effectively supported by multimedia teaching aids. To maintain an ideal standard, ratio between teacher and taught is kept within reasonable limits.

## Formative Years

Learning can be fun in a lively environment, vibrant colours and interactive walls depicting the three realms of earth; land, air and water not only spell magic but also contribute to the evolutionary process.

Kids library introduces the tiny tots to a whole new world of colourful books. They are provided access to the computers wherein they can splash colours to their heart's delight using paintbrush and even play games.

The Playroom has been specially designed keeping in mind the child's requirements. Here they learn to share and care with their peer group and enhance their creative potential.

To nurture a positive self-concept in children, emphasis is laid on play-way methods. Music plays a



Young minds at work

vital role and enables the little ones to improve auditory memory, verbal expression and motor skills.

## Pre-Primary School

The tiny-tots from the age group of 3-5 years are taught using phonetics, songs in a simplified environment, using interactive multimedia techniques. Teaching is tailored to the needs of the students by involving them in the process of learning and maintaining their interest.

## Primary School

Children become life long learners when learning is fun and relevant. At the age of 6 when the children enter the junior school, they understand the basics of reading, recognition and writing. For the next four years, they are exposed to a wide range of activities. The fine strokes of care and understanding along with individual attention make learning a fruitful experience.

## Middle School

To inculcate in a child an inquisitive spirit and capacity for effective self expression, the school provides the students a platform to harness their thinking skills. When the children reach the age of 11, they are taught by specialist teachers for different subjects. Their syllabi includes English, Hindi, Punjabi, Mathematics, General Science, Social Studies, Computer Education, General Knowledge, Moral Science, Drawing, Games and Music. Students learn to become more independent. 'Learning by doing' consolidates the information and maximizes their learning.



Classroom session in Progress

## Secondary Section

In the Secondary Section, NCERT books prescribed by the CBSE form the basis of the curriculum. Students are prepared for the Board examination. Application of knowledge, discussions, workshops, seminars and regular testing equip the students to face all kinds of challenges.

The commendable performance of our students year after year is a testimony to the same.

The subjects taught include English, Hindi, Punjabi, Sanskrit, General Science, Mathematics, Social Studies, Moral Science, Introductory Information Technology and Physical & Health Education.

## Senior Secondary Section.....

The following combinations of subjects are offered to Senior Secondary Classes:

### [1] Medical Stream

English Core, Physics, Chemistry, Biology and Physical Education/Computer Science.

### [2] Non-Medical Stream

English Core, Physics, Chemistry, Mathematics, and Physical Education/Computer Science.

### [3] Commerce Stream

English Core, Economics, Accountancy, Business Studies and Mathematics / Computer Science / Physical Education.

To usher the students into a new world and enable them to find their true bearings, career orientation workshops are organized where the much needed guidance is provided. Our students have made us proud by getting placements in the leading professional colleges both in the region and other parts of the globe.

## Creativity

### Art & Craft

To enhance creativity of the students, Art and Craft section plays an important role. Students are taught the art of painting including emboss, nib, oil and glass painting. Students are also taught to develop their skills by way of making origami, thumb painting, coin painting, mask making, pattern making etc.



Creative talent taking shape

Our students take part in various competitions held at inter-school and national level. The best exhibits are displayed in various exhibitions held in and outside the city.

## The Performing Arts

The school provides a spectacular environment characterized by team-work, discipline, ceaseless effort and healthy competition. Students get ample opportunities to showcase their talent along with academic achievements, thus maintaining a perfect balance.

Stage activities form an essential part of the school curriculum. The students are encouraged to participate in dramatics, music and dance. Both vocal and instrumental music is taught. Inter-Shivalik activities which include debates, declamation contests, recitation are a regular feature. These much awaited events give students an opportunity that promotes self discovery and self confidence.

## Participation For All

We feel each child has the potential, so 'participation for all' is the key principle. Group activities that include aerobics, gymnastics, drills, dance and bhangra are held on a regular basis. In an hour-long session every week, we ensure that every student gets an opportunity to participate in either of the activities.



Building courage and confidence-Taekwondo

## Games & Sports

Games and sports bring out the best in a child and enables one to channelise one's energies in useful and gainful pursuits. In the field of sports, our school occupies a place of pride and can boast of both national and International players who have brought us laurels. In order to provide a boost to sports and enable healthy competition in the region, tournaments are organized regularly. The School sponsors running trophies for various sporting events like cricket, hockey, basketball, football and volleyball. In addition, students are also initiated into participating in races, athletics and gymnastics.



Budding Hockey Players



NCC contingent : Marching ahead

## Awards & Appreciation

To motivate our students to do extra ordinarily well, the school grants scholarships to the highest achievers. Children who excel in co-scholastic activities are also awarded at the annual prize distribution function held every year.

## N.T.S.E.

The school arranges exhaustive coaching classes for the students who appear for the National Talent Search Examination conducted by NCERT, New Delhi. Every year many of our students qualify and get scholarships under the scheme.

## INSET Programmes

In-service teacher training is a regular feature. Workshops and seminars are organized to keep the members of the teaching faculty abreast with latest innovations in the field of education. This enables the teachers not only to disseminate new information to the students but also incorporate the latest methodologies to enhance the process of teaching and learning.



Ex-Shivalikian, Sandeep Singh was member of Indian Hockey Team

## Shaping The Leaders

To instil discipline and enable students to shoulder responsibilities, the School Council is sworn in at an Investiture Ceremony. Appointments for all houses i.e. Pratap, Azad, Ranjit and Subhash House are conducted which not only provide a platform to the students to express themselves but also motivate them for a responsible leadership.

Training the future leaders





Hockey Olympian, S. Balbir Singh (Sr.) on the Sports Day

## Infrastructure

### Information Technology

To meet the challenges and prepare students for the ever-evolving knowledge-based society, we keep a constant pace with the advancements in the field of Information Technology. The potential of computer-aided instruction as a medium for making teaching more interactive and learner oriented has always been an exciting matter for educational innovators.

In the 21st century, computer- aided instruction is indispensable to the school curriculum and its use

needs to be truly realized and optimised. The main aim of computer-aided teaching is to make optimum use of the information technology available in the field of Education, as a tool for effective teaching and learning.

The school has well-equipped computer labs including latest software and other computer peripheral devices. The school also has a networking system that connects all workstations through cables. Equipped with independent computer labs, one each for junior and senior classes, the school ensures learning is both fun and a fulfilling experience. Under the able guidance of highly qualified and trained faculty, an easy access to the students and the teachers is provided in the multimedia computer lab.

Animated visuals are shown to the students in addition to providing theoretical knowledge in the classrooms. Learning package of subject material based on the syllabii of classes III to XII is available

with the school. Lessons are prepared using multimedia technology with 3D graphics, animation, sound etc. Various topics are discussed in the classes and later the students are taken for viewing these capsules, prepared as lectures. The visual clips facilitate conceptual clarity, increase interactivity and ease content assimilation.

Smart Class - The school is one of the first institutions in the region to adopt Smart class concept. It is a technology assisted teaching aid which improves teacher effectiveness and productivity, makes learning an enjoyable experience

Making Power Point Lessons for their Students





Director, Shri D.S. Bedi honouring Prof. C.N.R. Rao, Chairman Science Advisory Council to the Prime Minister of India

for students and improves academic performance. It also enables instant formative assessment of learning outcomes in class. To optimize the effectiveness of concept, a Knowledge Center equipped with Content Preview System (CPS) has been established for reference by teachers.

The teachers select and sift the material which is then presented to the students in form of digital instruction exactly mapped to meet with the specific objectives to fulfill the requirements of the students. The content being in the form of 3D and 2D multimedia modules is highly absorbing.

## Library

The school has a well-stocked computerised Library consisting of about 12,000 volumes including 40 sets of Encyclopedias, under the charge of qualified

librarians. Good number of periodicals and newspapers are also subscribed to keep students abreast with latest happenings. It has an open shelf system so as to allow students free access to the books. There is a junior library for the middle and primary classes. Students are constantly encouraged to develop good reading habits.

## Language Lab

Language Lab offers distinct opportunity to the students to learn effective communicative skills. The focus is laid on correct pronunciation, right stress and intonation. Using linguaphones and audio-aids, voice modulation is also taught. It enhances their communication skills and interest to participate in declamations, debates and group discussions.



Library : an absorbing place

## Laboratories

We have three science laboratories (Physics, Chemistry and Biology), well equipped with latest apparatus and specimens to facilitate teaching-learning of science through 'learning by doing method'. Slidoscope, Projectors and other apparatuses are used in teaching all the intricacies of science-based topics and generate scientific temper in our budding scientists.

The school is set to build a planetarium in the near future to quench the thirst for celestial knowledge.

### 3D Lab

The school is equipped with 3D lab. The 3D animated videos act as strong visualization tools for easy understanding of complex concepts. This gives learners an infinite opportunity to actively interact with challenging concepts. This meaningful interaction leads to a comprehensive grip of the topic.

### Atal Tinkering Lab(ATL)

Shivalik Public School, Mohali recently pioneered the introduction of 21st century skill development initiative in the school by introducing the Atal Tinkering Lab (ATL). The Atal Innovation Mission (AIM), a flagship initiative set up by the NITI Aayog has envisaged the promotion of innovation and entrepreneurship by establishing Tinkering Labs across the country. This endeavor is a milestone in the direction of building 21st century learners. The school collaborated and participated in this initiative encouraging the integration of technology and hands-on experience to help the students achieve and innovate.

ATL is a workspace where young minds can give shape to their ideas through hands-on do-it-yourself



Dental health-to ensure a perfect smile

mode and learn innovation skills using latest technologies like 3D Printers, Robotics, Internet of Things (IOT) and Miniaturized electronics.

The objective of this scheme is to foster curiosity, creativity, and imagination in young minds and inculcate skills such as design mindset, computational thinking, adaptive learning, physical computing etc. Here, young children will get a chance to work with tools and equipment to understand what, how and why aspects of STEM (Science, Technology, Engineering, and Mathematics).

### Medical & Health Services

A thorough medical check up is conducted for all the students and a proper record is maintained. Keeping in view the oral hygiene of the students, a dental clinic has also been setup.

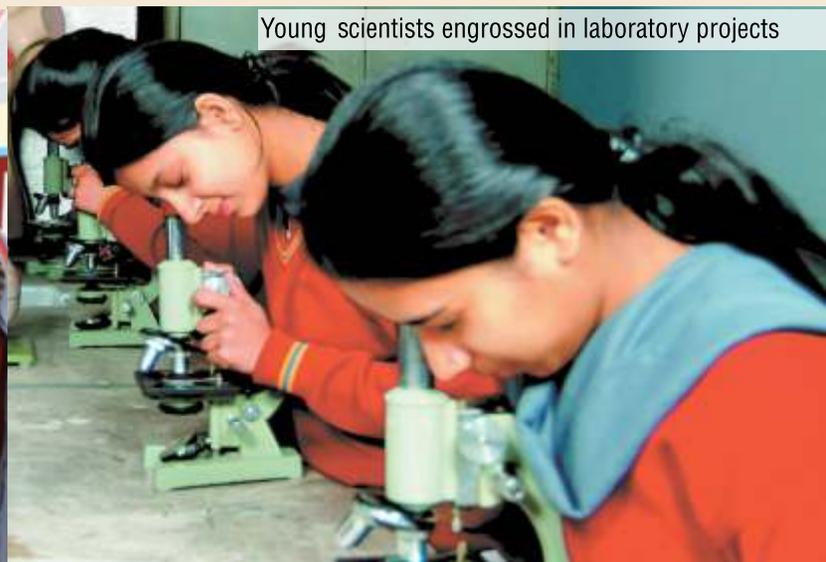
### Counselling Cell

Stress and anxiety often weigh heavily on young minds. Being focused is at times difficult. Counselling helps young learners to overcome all hurdles and move ahead. Right guidance not only boosts their morale but enables them to evolve better strategies to face the challenges and excel. The school counsellor assists the students by being a friend and a guide.

Mr. Inder Bir Singh Passi, Honorary Professor, IISER, Mohali at the inauguration of the Atal Tinkering Lab.



Young scientists engrossed in laboratory projects



# Social Activities

## Service Before Self

Members of the School Council carry out drives in the school to raise funds for the less privileged brethren supported by organizations like 'Roshni' and 'Help Age'. They also contribute their bit by buying greeting cards. When the country faces a natural calamity, our students rise to the occasion by making generous contributions.

## N.S.S.

The Youth Services Department, Punjab has sanctioned N.S.S. Unit of 100 volunteers to the school. Various N.S.S. Camps are organized in our school in which volunteers from different schools and colleges participate. Our N.S.S. volunteers also go for Hiking and Trekking Camps to Manali (H.P.) and other places organized by the Youth Services Department.

## N.C.C.

True to its motto, 'Unity and Discipline', National Cadet Corps (NCC) is offered to the students in the secondary classes. In 1984, Junior Division (JD) for boys and in 1986, Junior Wing (JW) for girls was allotted to the institution. NCC cadets regularly attend National Integration Camps, Basic Leadership Camps (BLC) and Hiking and Trekking Camps held at the state and national level, during the academic session. Our NCC Cadets have been selected to attend Republic Day Camp at New Delhi and they have also been keenly participating in the Prime Minister's Rally held annually.



Lt. Gen. J.F.R. Jacob (Retd.) PVS, VSM Governor, Punjab being escorted by the Director-Principal and NCC cadets

# Learning Beyond the Class room...

## Celebrations

Along with the never diminishing aim of academic excellence, the school also promotes harmonious living, sharing and learning together. Celebration of national festivals and international days/occasions in the school campus enables the students to learn more about their rich cultural heritage and develop the spirit of universal brotherhood.

Our school is the centre for social and cultural activities. Visits by dignitaries and those who have made exemplary contribution to the society provide an opportunity to our students to interact with them and gather valuable experiences.

## Cultural Centre

The school is a member of SPICMACAY, a voluntary organisation that organizes concerts, dance recitals,



Born to be winners



Well co-ordinated movements

workshops and other programmes in schools and colleges to sensitize the youth. By organizing such programmes in the school, we at Shivalik, enable our students to appreciate the performing arts and preserve its richness in all its diversity.

AIIESEC is an International platform for young people to develop and discover their potential through their global exchange programme running in 700 Universities in 87 countries. They connect the organisations to top young professionals in the world. Their project 'WORLD VIEW' is aimed at blending international education and local issues. At Shivalik, we get trainees from different countries who take up projects with our students to enable them to have a wider perspective of education.

### Tours & Excursions

Trips and excursions form an integral part of education and provide a wide range of learning experiences. A break from the young students mundane and monotonous routine rejuvenates them. Every year, a series of trips are undertaken to various destinations.

These educational tours instil in the students confidence, self discipline and a spirit of camaraderie.

### Expanding Horizons

Education is the harmonious development of the faculties of a child. It does not only consist of learning of rudiments of certain subjects in order to qualify some examinations but is the continuous enlightenment of the mind. Unless different things learnt are absorbed and merged into a living

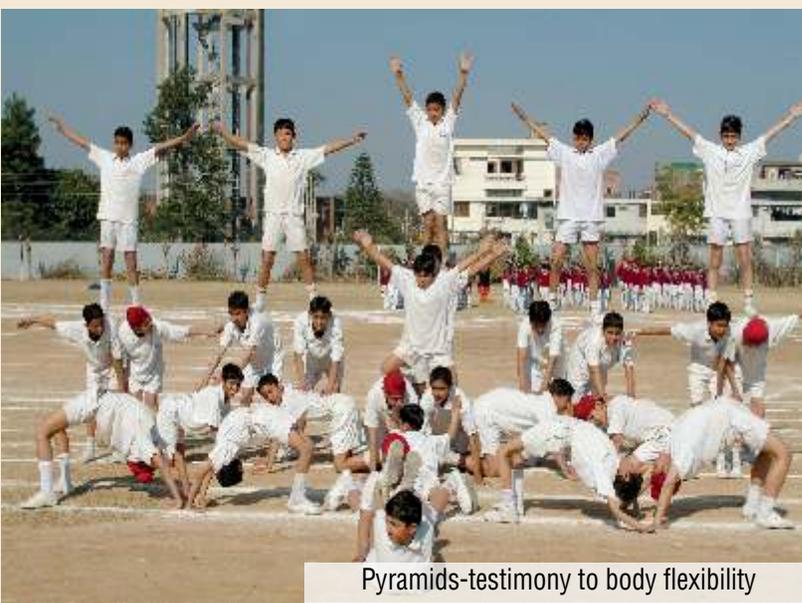


conception of life, education forfeits its purpose. Education is all about expanding horizons and it cannot be confined to the four walls of the classroom. We make our budding progeny aware of their environment by planning regular visits to the Shivalik Farm, spread over an area of 30 acres. Fully equipped with modern milking machines, non-conventional energy resources and bio-gas plant, the serene environment provides students an opportunity to gather first hand experience to be amidst nature.

### Transport

Bus transport, is provided on request to students residing in Chandigarh and Mohali only. The bus fare is charged for a period of 11 months. A student availing the transport facility cannot withdraw voluntarily during the session. Withdrawal may be allowed only in those cases where the parents of the student have been transferred or have shifted their residence to a nearby sector.





## Procedure for Registration and Admission

Prior registration is required for admission to any class. The Registration Forms are available in the school office. The receipt of Registration Fee should be attached with the completed Form. The fee is neither refundable nor transferable to any other year.

## Pre-requisite For Admission

Those seeking admission to the school should have qualified the previous class examination from a recognized English medium School.

**NOTE: An Entrance test is conducted and admissions are made purely on the basis of merit and on the number of seats available.**

## What is Expected of Shivalikians

1. Be friendly and courteous to others in and out of the school.
2. Cheerfully accept the work assigned to you as your rightful share and face challenges courageously.
3. Be ready to lend a helping hand at home and in the school or any unattended visitor you happen to meet on the school premises.
4. Be truthful at all costs and at all times.
5. Respect the liberty and rights of others.
6. Be sensitively aware of the aesthetics of environment and the school premises.
7. Learn to say 'No' when asked or tempted to do a thing which you know is wrong.
8. Cultivate an international outlook and consider people from all parts of the world as your brethren.
9. Imbibe the spirit of sportsmanship i.e. neither to feel excessively happy in victory nor lose heart in defeat.
10. Take pride in wearing school uniform.
11. Be disciplined in and out side the class.

State-of-the art school Auditorium



Volley Ball and Basket Ball Synthetic Flood-Lit Courts





Our Cultural Heritage

## School Uniform

(Junior School)

(Boys from Classes I to V)

Shorts-Grey (As per Terrycot Shade, available in the School office)
Shirt-White (Full Sleeves)
Socks - Grey(School Colour)
Patka - Maroon (For Sikh Boys)
Shoes - Black (Oxford)
Tie & Belt - School Colour
Hanky - White
Pullover - Maroon
Blazer - Maroon

(Boys from Classes VI and above)

Trousers - Grey (As per Terrycot Shade, available in School office)
Shirt-White (Full Sleeves)
Turban - Maroon (For Sikh Boys)
Shoes - Black (Oxford)
Socks - Grey (School Colour)
Tie & Belt - School Colour
Hanky - White
Pullover - Maroon
Blazer - Maroon

**Note :** On Tuesdays and Fridays, white shorts/Pants for boys and White Tunics/Suits for Girls with White P.T. Shoes, Socks (School Colour) and Ribbons are to be worn.

## Withdrawal

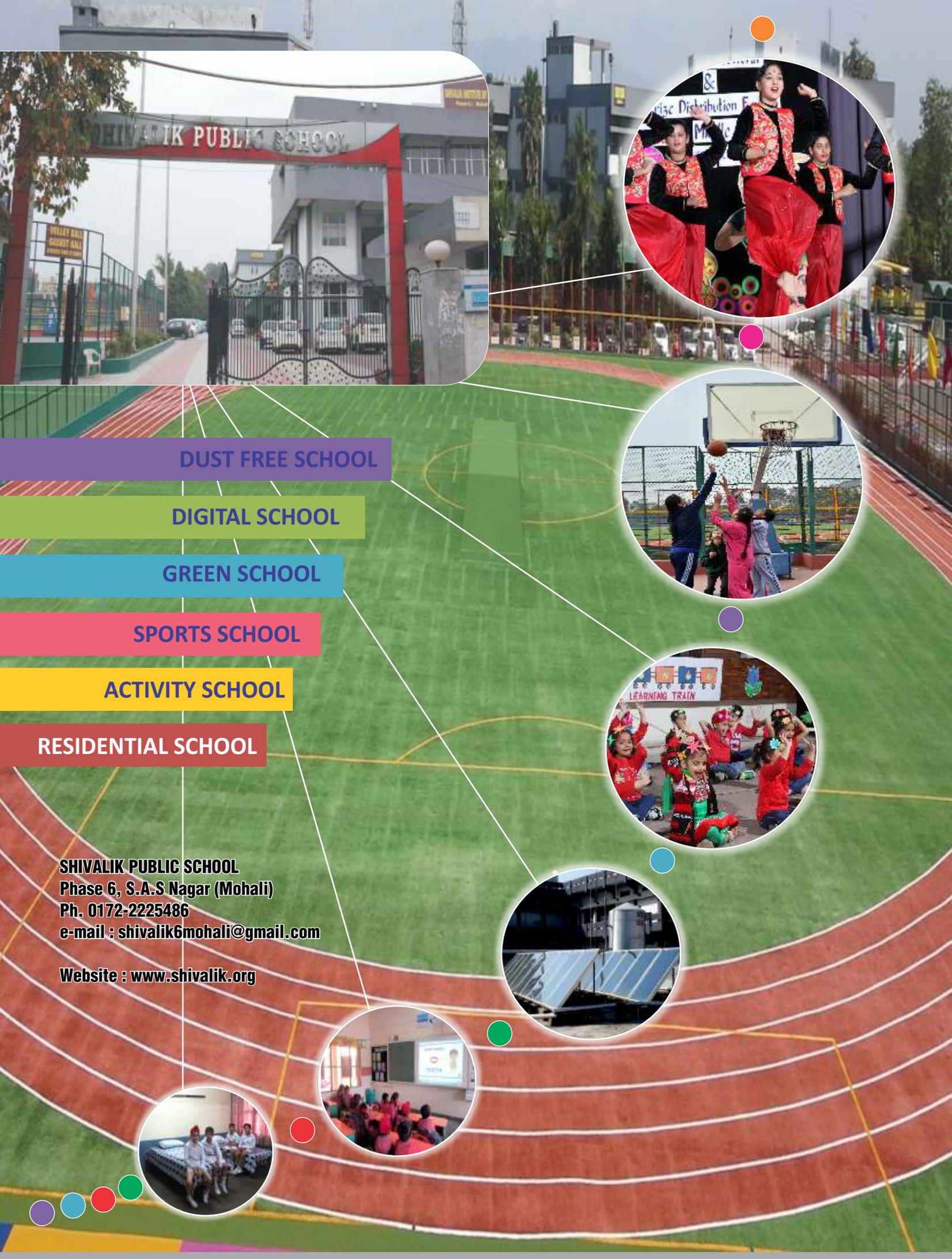
In case a child is to be withdrawn during the school year, at least a month's notice for withdrawal must be given, in writing by the parents/guardians, otherwise one month's fee in lieu of the notice shall have to be paid. If a child is to be withdrawn in the beginning of the following year, a written notice must reach the school office before March 31 of the current year, failing which one month fee shall have to be paid. Transfer Certificate can be issued on written request from parents/guardians only after all the dues have been cleared.

(Girls from Classes I to V)

Tunic / Trousers - Grey (As per Terrycot Shade, available in the School office)
Shirt-White (Full Sleeves)
Socks - Grey (School Colour)
Ribbon - Red
Shoes - Black
Tie & Belt - School Colour
Hanky - White
Pullover - Maroon
Blazer - Maroon

(Girls from Classes VI and above)

Salwar - Grey (As per Terrycot Shade, available in School office)
Kurta - White (Full Sleeves)
Dupatta - Grey
Shoes - Black
Socks - Grey (School Colour)
Ribbon - Red
Hanky - White
Pullover - Maroon
Blazer - Maroon



**DUST FREE SCHOOL**

**DIGITAL SCHOOL**

**GREEN SCHOOL**

**SPORTS SCHOOL**

**ACTIVITY SCHOOL**

**RESIDENTIAL SCHOOL**

**SHIVALIK PUBLIC SCHOOL**  
Phase 6, S.A-S Nagar (Mohali)  
Ph. 0172-2225486  
e-mail : shivalik6mohali@gmail.com

**Website : [www.shivalik.org](http://www.shivalik.org)**

