


**GRADE 11 – 12**  
SCIENCE  
MANAGEMENT

**stayAHEAD**

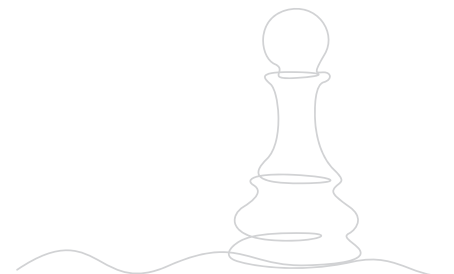
**NSS**   
NATIONAL SCHOOL  
OF SCIENCES



# first day in *SCHOOL*?

LITTLE NERVOUS.  
BIG DREAMS.

NATIONAL SCHOOL OF SCIENCES (NSS)  
LAYS THE FOUNDATION TO STAY AHEAD.





## Message from the Founder Chairman

*We cultivate  
a culture of  
collaboration,  
creativity,  
and respect,  
empowering our  
community to  
grow together  
and excel.*



Dear Parents and Students,  
I extend my warmest welcome to all aspiring learners to the National School of Sciences, a pioneering institution in secondary education. Since its inception, our school has earned a distinguished reputation for providing quality education in both Science and Management streams. This success is the result of the collective dedication and commitment of our teachers, administrative and support staff, as well as the trust and encouragement of our parents, students, and well-wishers.

In today's era of rapid technological advancement and global competition, we recognize the need to prepare our students for a future defined by innovation, adaptability, and lifelong learning. To this end, we continuously invest in the professional development of our teachers and administrators, ensuring they remain up to date with the latest educational philosophies and pedagogical practices. Alongside this, we have enhanced our physical and digital infrastructure—modern Science and Computer laboratories, a well-equipped library, and smart classrooms with broadband connectivity—to foster an engaging and productive learning environment.

At NSS, we also place great emphasis on the well-being of our students and staff. We cultivate a culture of collaboration, creativity, and respect, empowering our community to grow together and excel. Our dedicated team strives to equip every student not only with academic excellence but also with the confidence and values needed to thrive as responsible global citizens.

I wish all our students continued success in their academic pursuits and future endeavors.

**Dr. Madhav Prasad Baral**  
Founder Chairman



# Message from the Executive Director

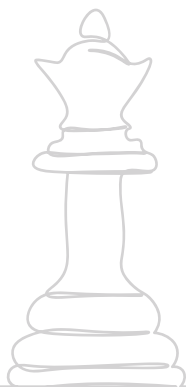
Dear Parents & Students,  
On behalf of the National School of Sciences (NSS) family, I warmly welcome all aspiring students seeking to pursue their Grade 11–12 studies, formerly known as the Plus 2 program—in either the Science or Management stream. Established nearly three decades ago, NIST has remained a pioneer in higher secondary education and has built an outstanding reputation for academic excellence through its consistent quality teaching and academic outcomes. As result, our graduates are excelling in diverse and prestigious professions, as well as in entrepreneurship, both within Nepal and across the globe.

In response to evolving educational principles and practices, the school emphasizes problem-solving and project-based learning approaches that enable students to gain practical knowledge, creativity, and confidence. We also place great importance on the continuous professional development of our teachers so that they remain updated with the latest pedagogical innovations and global best practices.

Our commitment is to provide every student with the guidance, support, and learning opportunities they need to achieve academic distinction and develop the skills essential for success in higher education and in life.

With best wishes for a rewarding academic journey,

With best wishes,  
**Ms. Pranita Sharma Baral**  
Executive Director



*Our graduates are  
excelling in diverse  
and prestigious  
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as well as in  
entrepreneurship,  
both within  
Nepal and across  
the globe.*





# Message from the Programme Director



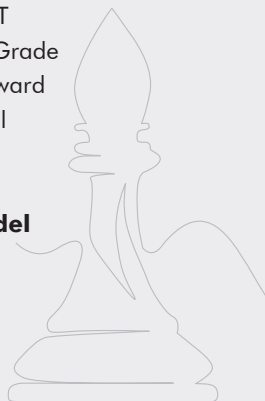
Dear Parents and Students,  
It has been a glorious 26 years since the introduction of the Management Faculty at the National School of Sciences (NSS), popularly known as NIST Management School. The school has been imparting to aspiring management students the National Curriculum prescribed by the Curriculum Development Centre (CDC).

Besides delivering the content outlined by the CDC, the school's strategy focuses on enhancing the teaching-learning process through an interactive classroom approach, while integrating related subject matters from commerce and economics, as well as providing basic knowledge of the country's budgetary system, share market, fiscal policy, and monetary policy.

As an academic institution of good standing, we assure all respected parents that we will fully cater to the holistic educational requirements of your wards and impart foundational managerial skills so that they may become capable and skilled managers in the near future.

Thank you for considering NIST Management School for your Grade 11-12 education. We look forward to welcoming you to our school community.

**Mr. Prakash Chandra Poudel**  
Program Director  
NIST School of Management



# aboutUS

The National School of Sciences (NSS), popularly known as NIST, is a premier academic institution established in 1993. It is located at Lainchour, a strategically important area in the Kathmandu Valley.

The school was founded by a group of dedicated scientists and academicians with the primary objective of providing quality education to students seeking to pursue their Grade 11 and 12 studies, particularly in the Science stream. Today, NSS offers Plus 2 (Grade 11–12) programs in both Science and Management, following the National Curriculum prescribed by the Curriculum Development Centre (CDC).

Since its inception, NSS has maintained a strong emphasis on academic excellence. As a result, many of our graduates—especially from the Science stream—have earned prestigious scholarships to pursue higher studies in Medicine, Engineering, Architecture, Computer Science, and other disciplines. Numerous alumni have established successful professional careers both in Nepal and abroad, bringing pride and recognition to the institution.

NSS boasts a strong leadership team and a group of highly

qualified, experienced, and dedicated teachers who are committed to helping students achieve their academic goals while instilling in them the values and attitudes necessary to succeed as global citizens. The school also provides ample opportunities for students to participate in co-curricular (CCA) and extra-curricular activities (ECA) to nurture their leadership, teamwork, and creative skills.

As part of its long-term vision, the school plans to expand into a full-fledged secondary school offering classes from Grade 9 to 12.

## VISION

Our vision is to become a highly respected high school in the society where its students, staff and the community feel safe and valued, demonstrate their pride, share a love for learning, and from where the students graduate with academic excellence to succeed in higher education and life.

## MISSION

We are committed to providing our students with a holistic education in a caring, safe, and supportive environment that fosters positive attitudes toward learning and develops their intellectual, social, and emotional skills, as well as their physical well-being. We engage parents as partners in education, empowering students to achieve academic excellence, cultivate lifelong learning habits, and grow into confident, compassionate, and responsible global citizens.

## THE ACADEMIC COMMITTEE

The school has an Academic Committee (AC) composed of teacher leaders — the Academic In-charge, the Head of Administration and Coordinators. The Committee formulates annual academic and non-academic goals, policies, and strategies in alignment with the school's vision and mission to ensure the smooth operation of the institution. It is also responsible for implementing these plans across the school, monitoring the day-to-day execution of academic and non-academic activities, and addressing any issues or lapses that may arise.







# coreVALUES

Core values represent the fundamental beliefs and behavioral standards that define the culture of the school. These values are expected to be clearly understood, embraced, and practiced by every member of the school community — including school leaders, teachers, administrative staff, and students.



At NSS, we are guided by these principles in our actions, behavior, and decision-making. We firmly believe that our core values play a vital role in fostering social awareness, emotional maturity, and strong character among all members of the community.

## INTEGRITY

We believe in honesty, trustworthiness, and sincerity in all our actions. Students and staff are expected to uphold what is morally right and refrain from hurting the sentiments of others. Integrity ensures harmony between thoughts, words, and actions. At NSS, we are committed to fostering an environment where integrity is cultivated, valued, and consistently practiced.

## RESPONSIBILITY

Students and staff are expected to demonstrate responsible behavior and attitudes in their actions and to accept the outcomes of their decisions. The NSS community recognizes the value of responsibility and strives to fulfill its duties with love, care, and dedication. Students take ownership of their own learning and growth, while also contributing to the well-being of the school community and the institution as a whole.

## EMPATHY

We promote love, kindness, and compassion toward everyone, regardless of background, belief, or race. Members of the NSS community are encouraged to care for and support one another, both within and beyond the school. Students and staff are expected to be considerate, understanding, and uplifting toward those who may be struggling.

## RESILIENCE

We encourage our students to rise to every challenge and persevere in the pursuit of success. Both staff and learners are motivated to explore new ideas and embrace mistakes as opportunities for growth and self-improvement. They are guided to make thoughtful choices when faced with difficulties, to adapt to change with confidence, and to move forward with courage and optimism.

## COLLABORATION

We believe in nurturing teamwork and collaboration to achieve shared goals. Learners and staff work together by exchanging ideas, sharing knowledge, and supporting each other's growth. Through meaningful interaction at every stage of the learning process, they learn to celebrate both individual and collective success.

## RESPECT

Students and staff are expected to treat others with the same respect they wish to receive. We value individual differences and embrace diversity through mutual understanding and acceptance. Learners are encouraged to express appreciation, show reverence to all, and demonstrate care for themselves, others, the community, and the environment.

## SUSTAINABILITY

The NSS community upholds sustainable practices, recognizing that today's actions shape tomorrow's world. Our students and staff are encouraged to think beyond short-term gains and consider the long-term impact of their choices. Every member of the community is expected to contribute toward a sustainable future and to grow as a responsible global citizen and environmental steward.







# school leadership & *TEACHING* *FACULTY*

The school has a visionary leadership team with a wealth of experience in teaching, academic administration, and school management. It is supported by a group of qualified and experienced teachers, as well as a dedicated administrative staff. Our teachers are seasoned professionals with proven track records in their respective subjects and are deeply committed to enhancing student learning outcomes.

# Why Choose National School of Sciences (NSS)?

## A LEGACY OF EXCELLENCE

National School of Sciences (NSS) is a pioneering academic institution, renowned for providing Grade 11 and 12 (Plus 2) education. With a long-standing history and legacy of academic excellence, the school has produced thousands of successful graduates who have established themselves in diverse professional careers both in Nepal and abroad, bringing pride and recognition to the institution.

## OUTSTANDING ACADEMIC PERFORMANCE

Our students consistently excel in the National Examinations Board (NEB) exams, achieving nearly 100% pass results every year. Many of them earn prestigious scholarships to pursue studies in Medicine, Engineering, and other disciplines both within the country and overseas.

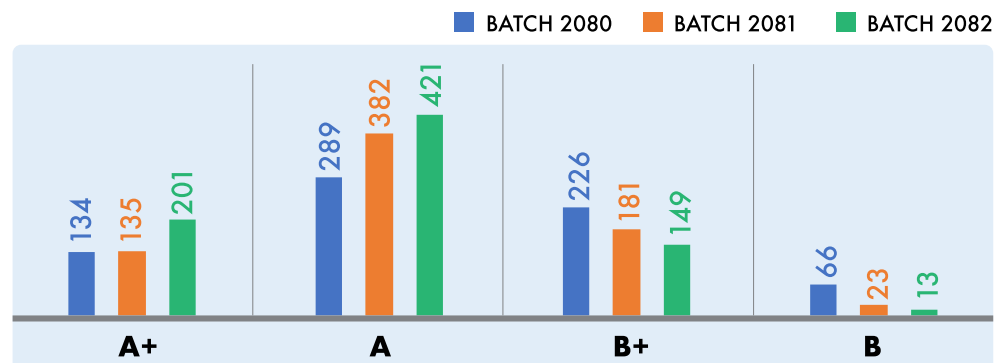
## PRIME LOCATION

Conveniently located in Lainchour, the heart of Kathmandu, the school is easily accessible through an extensive network of public transportation, making daily commutes comfortable for students.

## QUALITY EDUCATION AT AFFORDABLE FEES

Over the years, NSS has carved a niche for itself as a trusted provider of high-quality education at an affordable cost, ensuring that excellence remains accessible to all.

## NEB EXAMINATION RESULTS (GRADE 12)



## ADVANCED LABS AND LEARNING FACILITIES

The school features its own academic buildings, along with modern and well-equipped science and computer laboratories, libraries, and other essential facilities that provide students with hands-on learning experiences and a stimulating academic environment.

## EXPERIENCED LEADERSHIP AND FACULTY

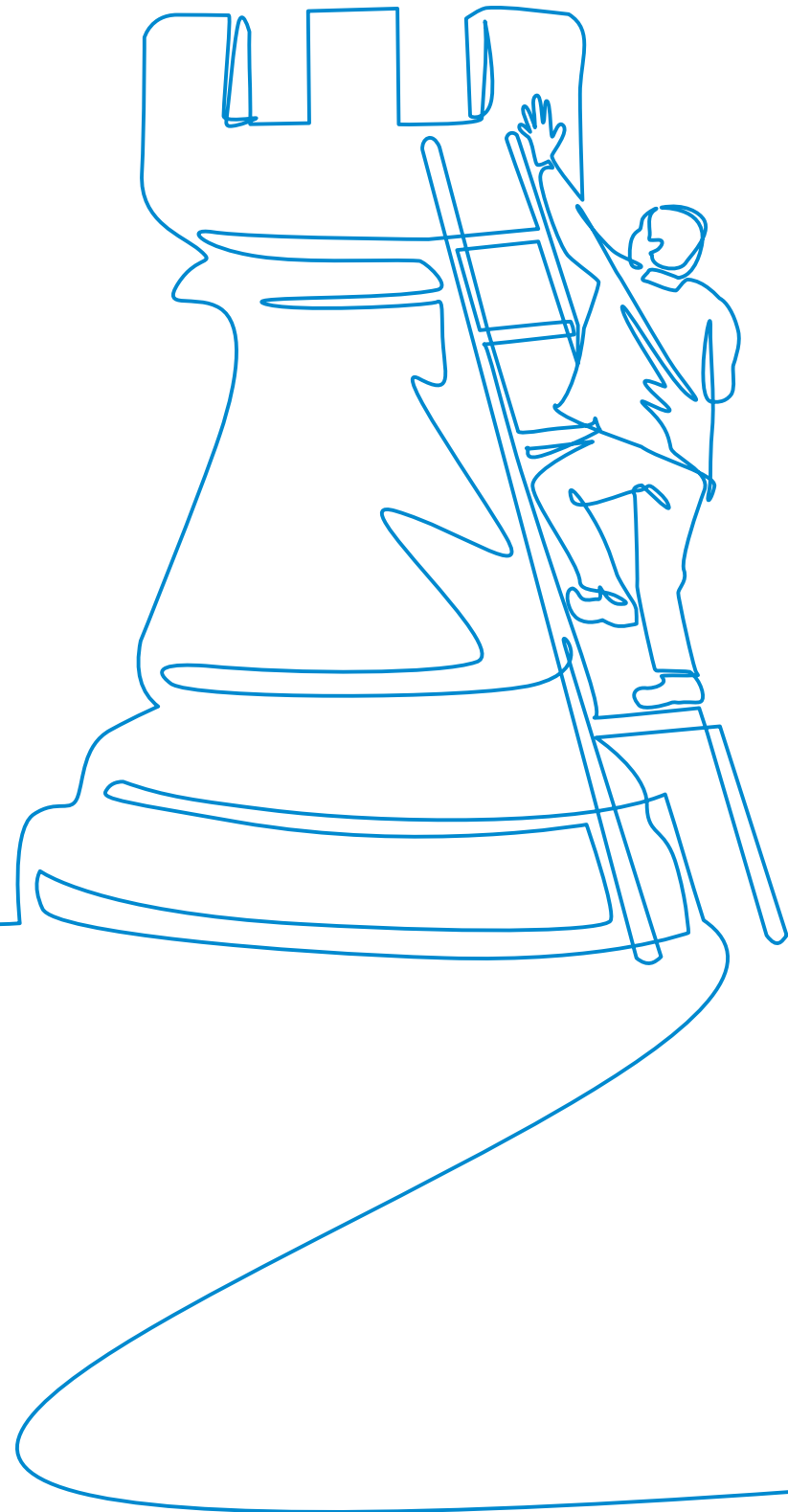
NSS boasts a visionary leadership team with over three decades of experience in teaching, academic administration, and institutional management. Our teachers are highly qualified, experienced, and dedicated professionals with proven expertise in their respective fields.

## PERSONALIZED ACADEMIC SUPPORT

The school designs and implements unit plans that challenge high achievers to further strengthen their intellect, while providing subject-specific tutorial support for students who require additional academic assistance—helping every learner reach their full potential.

## FLEXIBLE SHIFTS AND HOSTEL FACILITY

Classes are offered in both morning and day shifts, and the school provides hostel accommodation for students from outside the valley, ensuring a supportive and caring environment conducive to study and personal growth.



# Message from the **Academic In—charge**

Dear Students,

The National School of Sciences (NSS) has always been at the forefront of education in Nepal, particularly in delivering Plus 2 (Grade 11–12) level education. With a long-standing history and reputation for providing affordable, high-quality education, NSS remains committed to academic excellence and student growth. At NSS, we guide each student on their journey toward excellence by fostering all-round development. **We believe in motivating and inspiring students with care and affection, rather than through criticism, fear, or punishment. Our highly qualified and experienced faculty members, supported by a dedicated leadership team, are deeply committed to student success and holistic development.**

We aim to cultivate self-confidence, self-discipline, perseverance, and analytical skills, while instilling a clear sense of purpose in every learner. Our classrooms are designed to be both conducive and inspiring, integrating digital technology to make learning engaging and effective. Every student is an asset — not only to the school community, but also to society, the

nation, and the wider world. We take great pride in our graduates who have excelled in diverse professions globally.

We warmly welcome prospective students and their parents to join this academic journey and assure you of a meaningful learning experience that will lead to a rewarding future.

**Ms. Chanda Subedi**  
Academic In—charge



# academic PROGRAMMES

The National School of Sciences (NSS) offers Grade 11 and 12 classes in both Science and Management streams, following the national curriculum. These programs are structured as a comprehensive two-year course designed to lay a strong academic foundation and prepare students for undergraduate studies at the university level.

The curriculum not only equips students with the knowledge and skills necessary for higher education but also fosters critical thinking, discipline, and confidence to succeed in their future academic and professional pursuits.

Students who have successfully completed the Secondary Education Examination (SEE) at Grade 10, conducted by the National Examination Board (NEB), are eligible to enroll in this program. Learners have

the flexibility to choose elective subjects according to their interests, abilities, and career aspirations. The core subjects are mandatory for all students and are designed to provide in-depth knowledge and understanding in their respective fields.

The academic program is led by the Principal, ably supported by the Academic In-charges, Coordinators, and a highly competent and experienced team of teachers dedicated to academic excellence and student success.

## SUBJECTS UNDER THE SCIENCE STREAM

### Grade 11

English  
Nepali  
Mathematics  
Physics  
Chemistry  
Biology or Computer

### Grade 12

English  
Nepali  
Mathematics  
Physics  
Chemistry  
Biology or Computer

## SUBJECTS UNDER THE MANAGEMENT STREAM


### Grade 11

English  
Nepali  
Mathematics or Social Studies  
Accountancy  
Economics  
Any one subject –  
Business Studies /  
Hotel Management /  
Computer Science

### Grade 12

English  
Nepali  
Mathematics or Social Studies  
Accountancy  
Economics  
Any one subject –  
Business Studies /  
Hotel Management /  
Computer Science





# teaching and *LEARNING* *ENVIRONMENT*

## TEACHING–LEARNING APPROACHES

At NSS, our teachers serve as facilitators who guide and support students in their academic and personal growth. We are committed to fostering a learning environment that promotes active engagement through meaningful and progressively challenging tasks, enabling students to develop competence and confidence over time.

Our classroom practices move beyond the traditional lecture-based model to embrace a more dynamic, participatory approach in which students take center stage as active learners.

This method encourages critical thinking, collaboration, and creativity, helping students become independent and lifelong learners. The teaching–learning process at NSS follows a progressive and student-centered framework designed to empower learners to take ownership of their education. Our teachers regularly participate in professional development sessions that ensure they remain up to date with the latest pedagogical innovations and effective classroom strategies, thereby reinforcing their role as facilitators of transformative learning.

## STUDENT LEARNING ASSESSMENT

The school has adopted a continuous internal assessment system to evaluate each student's academic progress and provide timely support to enhance their performance. Under this system, students' academic performance are regularly monitored through various classroom activities, including assignments, project work, quizzes, unit tests, and term-end examinations.

Each academic year includes three quarterly evaluations of student performance. These progress reports provide a comprehensive analysis of students' achievements for the completed term and identify specific areas that require further attention and improvement. Parent-Teacher Meetings are held after each quarterly evaluation, offering a valuable platform for parents/guardians, teachers, and students to discuss academic progress. These interactions help identify learning challenges, address misunderstandings, and set clear goals to ensure continuous improvement in student learning.

## EXTENDED LEARNING FOR STUDENTS

The school offers a variety of non-credit courses beyond the core academic curriculum, enabling students to explore their interests and broaden their learning experiences. Preparatory and refresher courses are available for Grade 12 students to help them succeed in competitive examinations in Medicine, Engineering, and Chartered Accountancy (CA), as well as in standardized tests such as IELTS, TOEFL, and SAT. These courses are scheduled within the regular timetable during leisure periods to ensure active participation without disrupting the academic routine.

In addition, sessions on higher education and career counselling are organized regularly. Experienced guidance counsellors support students in making informed decisions about higher study options that align with their aptitude and interests. They also provide detailed information on available scholarship opportunities and offer step-by-step guidance on application procedures and admission requirements.



# co-curricular and *EXTRA-CURRICULAR* *ACTIVITIES (ECA)*

At the National School of Sciences, students are encouraged to participate in a diverse range of co-curricular and extra-curricular activities thoughtfully integrated into the academic calendar. These experiences provide practical learning opportunities that help students cultivate essential life skills such as leadership, teamwork, adaptability, and self-confidence—preparing them to become lifelong learners and achievers.







## STUDENT CLUBS AND CAMPUS ENGAGEMENT

Various student clubs, including the IT and Science Club, Social Club, Sports Club, and Literary Club, play an active role in enriching campus life. Each club is entrusted with the responsibility of planning and organizing at least one major event every academic year, giving members the opportunity to demonstrate creativity, collaboration, and organizational skills.

## SPORTS AND CULTURAL EVENTS

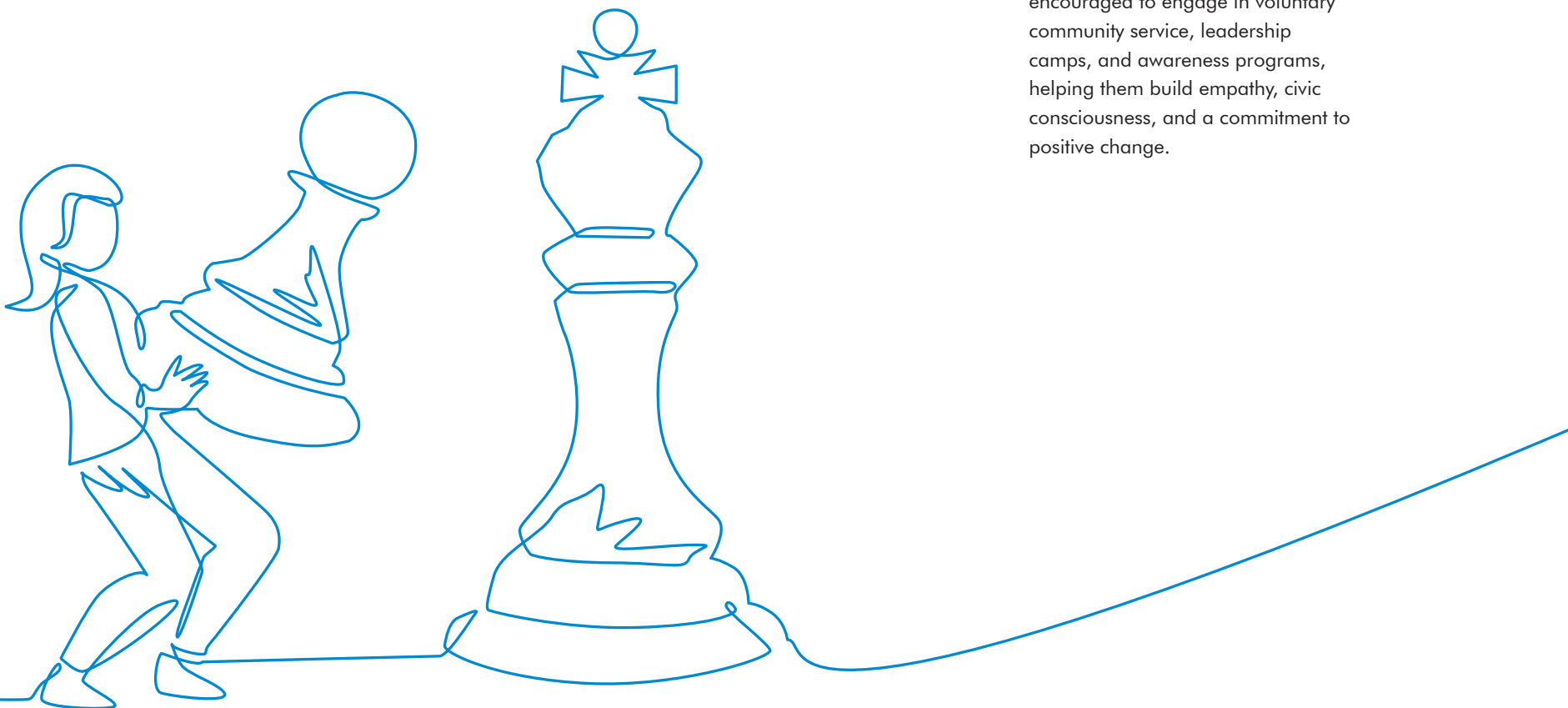
The school hosts an annual Sports Week, where students compete in futsal, basketball, table tennis, badminton, chess, and athletics. This event promotes teamwork, discipline, and a healthy competitive spirit. In addition, the Art and Cultural Events organized by different clubs provide a vibrant platform for students to showcase their talents in music, dance, painting, poetry, and other creative expressions through inter-house cultural competitions.

## EXPERIENTIAL AND INTELLECTUAL GROWTH

Educational tours and hikes are organized regularly to extend learning beyond the classroom, giving students valuable exposure to real-world environments and experiences. The school also encourages participation in debates, quizzes, and public-speaking forums to strengthen communication skills, confidence, and general knowledge.

## COMMUNITY SERVICE AND LEADERSHIP

The school places a strong emphasis on social responsibility and leadership development. Students are encouraged to engage in voluntary community service, leadership camps, and awareness programs, helping them build empathy, civic consciousness, and a commitment to positive change.



# new admission policy *AND PROCEDURE*

The school opens new admissions in grade 11 every year immediately upon the publication of the Secondary Education Examination (SEE) result. Students are admitted on merit basis both in Science and Management streams. A detailed information about the admission is made available at the time of new admission.

## ELIGIBILITY

Students who have successfully completed the Secondary Education Examination (SEE) or an equivalent examination are eligible to apply for admission to Grade 11. Applicants must have achieved a minimum grade of 'B' (CGPA) in Grade 10 to qualify for admission. Students applying from equivalent boards are required to have secured at least 60% for the Science program and 50% for the Management program.

## APPLICATION PROCESS

Application forms are available at the school's reception or can be downloaded from the official website ([www.nss.edu.np](http://www.nss.edu.np)). Completed forms must be submitted along with the required documents, which include:

- Copies of academic transcripts and character certificates
- Recent passport-sized photographs
- Other supporting documents, as specified by the school

## ENTRANCE EXAMINATION AND INTERVIEW

All applicants must sit for an entrance assessment, which includes both written and oral examinations. Each applicant must be accompanied by a parent or guardian during the interview process. The Admissions Committee will thoroughly review all applications along with the assessment results. The decision of the committee regarding admission is final and shall be considered binding.

## FINAL ADMISSION AND ENROLLMENT

Applicants who successfully meet the eligibility and assessment requirements are offered admission. The enrollment process includes:

- Confirmation of admission and fee payment
- Attendance at an orientation program
- Subject selection under faculty guidance

This structured process ensures that the school admits students who are academically capable, motivated, and eager to contribute to the school's inspiring learning community.



# facilities and STUDENT SERVICES

## SCHOLARSHIPS

The school offers a range of scholarships to recognize academic excellence and support deserving students. Scholarships are awarded based on grades obtained in the Secondary Education Examination (SEE) or equivalent examinations, as well as outstanding performance in the school's entrance tests.

To encourage and support students, the school also provides scholarships to those who are financially disadvantaged but academically deserving. In addition, an internal scholarship scheme is available for students who demonstrate exceptional performance in terminal examinations and extra-curricular activities during the academic year.





## CAFETERIA

The school operates a well-managed cafeteria that provides students and staff with freshly prepared, balanced, and nutritious meals. Students may purchase lunch or snacks at reasonable prices. A variety of vegetarian and non-vegetarian options are available daily, ensuring healthy and enjoyable meal choices for all.



## TRANSPORTATION SERVICE

Transportation facilities are available for students who require bus service to commute to and from the school. The service operates within a maximum radius of ten kilometers from the school premises. Students wishing to use this service must apply at the time of admission.



## HEALTH CARE SERVICES

The school provides first aid and basic health care services during school hours. Minor injuries or illnesses are treated in the school infirmary. In the event of a major medical emergency, the student is immediately taken to the nearest hospital, and parents or guardians are notified. In such cases, parents are responsible for covering the medical expenses.

## UNIFORM

The school has a prescribed uniform policy that all students are required to follow. The standard uniform includes a shirt, trousers, tie, and coat. Additionally, each student receives a house T-shirt to be worn during extra-curricular activities. Detailed information regarding the uniform will be provided at the time of admission.

# students' PERSPECTIVE



At NSS, I've always been encouraged to work hard and aim high. The teachers are knowledgeable, approachable, and genuinely supportive whenever we face academic challenges.

Their clear explanations and motivating guidance have greatly strengthened my confidence in learning.

The school places equal emphasis on co-curricular and extra-curricular activities that help us develop essential life skills.

NSS also upholds discipline, punctuality, and moral values that shape us into responsible individuals. Studying here has been a truly meaningful and rewarding journey.

**Prashant Shrestha**  
Grade 12 (Science)



Joining NSS has been one of the best decisions of my life. My time here has been truly transformative—academically and personally. When I joined, I was unsure of my abilities, but soon realized how special this institution is. The teachers genuinely care about every student—not just about grades, but also about building confidence, curiosity, and personal growth.

Beyond academics, I had many opportunities to participate in extracurricular activities and group projects, which helped me develop leadership, teamwork, and communication skills. NSS has shaped me into a more confident and capable person, ready to take on new challenges.

**Alisha Basnet**  
Grade 12 (Science)



I am Dr. Binav Baral, a consultant at Mayo Clinic, USA, specializing in hematology and medical oncology. I attended NSS from 2063 to 2065 B.S., and I can confidently say that it laid a strong foundation for my future career.

During my time at NSS, I was fortunate to learn from exceptionally passionate, dedicated, and experienced teachers who provided both rigorous theoretical knowledge and practical exposure in science. NSS, as an institution, has continued to uphold its legacy of excellence by producing graduates who go on to become leaders in medicine, engineering, law, economics, and many other fields — not only in Nepal but around the world.

Sustaining this level of excellence for over three decades is truly remarkable. I remain deeply grateful for the education, friendships, and lifelong memories I gained at NSS. I extend my heartfelt congratulations to the entire NSS family and wish the institution continued success and an even more glorious future ahead.

**Dr. Binav Baral**  
Science XII–M8 / Batch 2064-65



NOTE:

Any other information not covered in this prospectus will be made available from the school office.

CONTACT US

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