ADMISSIONS PROSPECTUS 2025

SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING
PRASANTHI NILAYAM
सत्यं वद धर्मं चर



POSTGRADUATE

SSSIHL
The Underlying Philosophy

The Sai educational institutions have been established not merely to enable students to earn a living but to make them acquire good traits, lead ideal lives, and give them ethical, moral and spiritual strength. I have established them with a view to inculcate love and teach good qualities to students. They will learn here humility, discipline and faith.

I have established these institutions to impart spiritual education as a main component and worldly education as a secondary one. Education should enable one to cultivate good qualities, character and devotion. The teaching of the university curricula is only the means employed for the end, namely, spiritual uplift, self-discovery and social service through love and detachment.

This will be a Gurukula – a place where teachers and taught will grow together in love and wisdom - and like the ancient system of education, it will develop in its students a broad outlook and promote virtues and morals, which serve to foster noble ideals in society.

This Institute will be a temple of learning where youth are shaped into self-reliant, contented and enterprising heroes of action and self-sacrifice, for the purpose of serving humanity.

SRI SATHYA SAI BABA
Revered Founder Chancellor, SSSIHL

from the admissions office

Welcome to Sri Sathya Sai Institute of Higher Learning (SSSIHL).

This prospectus is for students interested in applying for **postgraduate study at SSSIHL**. The first few pages will give you an introduction to the institute and why SSSIHL is so unique. It will give you information on the application process, programme descriptions and detailed information on each postgraduate programme available for 2025 admissions.

Detailed information about the Institute and the admissions process can also be found on our website, sssihl.edu.in/admissions. Please visit this page to get full details on the Programmes for Admissions, Dates & Deadlines, download admissions-related documents, view the comprehensive admissions Application Guide, and of course, apply online.

Good luck and Sai Ram!

Admissions Office
Office of the Registrar, SSSIHL

Contents

WHY SSSIHL

HOW TO APPLY

PROGRAMMES FOR ADMISSIONS

Overview | Eligibility | Courses

A modern Gurukula

THE BEST OF BOTH WORLDS

Sri Sathya Sai Institute of Higher Learning (Deemed to be University), Prasanthi Nilayam, Andhra Pradesh, India, has been a visible manifestation of Bhagawan Sri Sathya Sai Baba's vision of education for human transformation for over 50 years.

Bhagawan Baba designed Sri Sathya Sai Values-based Integral Education to ensure deep inner transformation of students, teachers and staff during their time at SSSIHL. Ethics and values are integrated as the undercurrent of every subject taught at the Institute.

As a result, combined with academic and research excellence, the Institute provides its students with a holistic framework of interpersonal development.

In addition to their studies, the compulsory residential character at SSSIHL trains the mind, body and spirit of the student in an environment similar to the ancient Indian 'gurukula' system of education, in the most modern context.

Teachers and students live and grow together in an atmosphere of mutual trust and unity. This helps students develop a wholesome and balanced personality, where academic competence is intertwined with value systems.

This concept is unique at the university level of education.

The university provides **quality education totally free of cost to all students** for all programmes of study.

OUR CAMPUSES

The Institute hosts students from across the country at its four campuses located in Andhra Pradesh and Karnataka, India:

For Women:

- Anantapur Campus at Anantapur, Andhra Pradesh

For Men:

- Prasanthi Nilayam Campus at Puttaparthi, Andhra Pradesh
- Brindavan Campus at Kadugudi, Bangalore, Karnataka
- Nandigiri Campus at Chikkaballapur, Karnataka

All SSSIHL campuses are located in areas surrounded by mountains, greenery and nature, which helps create an ambience for integral education that the Institute curricula imparts.

Visit our Campuses page to learn more.
You can also see the Facilities students have access to.

Prasanthi Nilayam Campus
B.A. | B.P.A. | B.S. | M.A. | M.Sc. | M.Tech. | Ph.D.

Anantapur Campus
B.A. | B.Com. | B.Ed. | B.S. | M.A. | M.Sc. | M.B.A. | Ph.D.

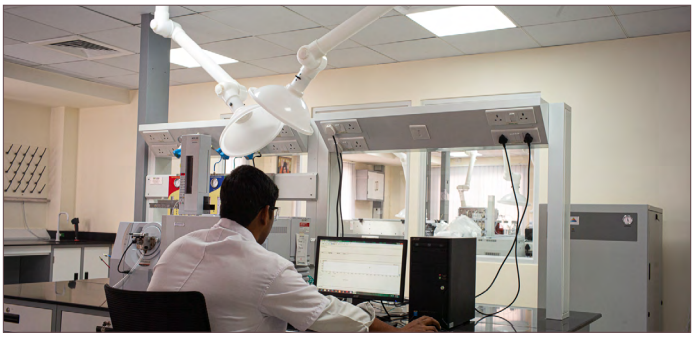
Brindavan Campus
B.B.A. | B.Com. | B.S. | M.B.A. | Ph.D.

Nandigiri Campus
B.A. | B.S. | M.Sc.

In this university, the medium of instruction is discipline.
The first, second and third languages are love, service and sadhana (spiritual discipline).

Sri Sathya Sai Baba, Revered Founder Chancellor, SSSIHL

Distinctive Features



SSSIHL IS UNIQUE

Admissions

- Free, high-quality education for all students
- Merit-based open admissions policy for all, irrespective of income, religion or region

Residential Character

- Compulsory residential character where all students, doctoral research scholars and select teaching faculty reside together in the hostel. This enables the translation of lessons learned into practical skills through experiential learning
- Spiritual ambience in an environment of discipline and love
- Cultivation of the spirit of self-reliance, brotherhood and sacrifice through mentoring and personal example

Infrastructure

- Campuses set in spacious and peaceful surroundings
- Well-equipped, modern science laboratories and a cutting-edge Research Instruments Facility
- Automated Library using an Integrated Library Management System (ILMS) with a digitisation facility accessed through the online Public Access Catalogue (OPAC) within the campus premises
- Libraries across campuses with over 1,90,000 volumes
- Connected to the National Knowledge Network (NKN)
- Wi-Fi enabled campuses with 10 Gigabit Ethernet connectivity
- Computer and Multimedia learning centres
- International Centre for Sports at the Prasanthi Nilayam Campus and multiple sports facilities at other campuses

Academics & Research

- 4-year undergraduate curriculum aligned to NEP 2020, extending to Postgraduate studies
- Student-teacher ratio 10:1
- Research collaborations with premier Indian and International Institutions and Industry
- Interdisciplinary / multidisciplinary research for societal benefit
- Awareness Programmes and Moral Classes reinforcing human values

Integral Education

- Life lessons learned through the message of the Revered Founder Chancellor, Bhagawan Sri Sathya Sai Baba
- Integrating human values with secular knowledge
- Inculcating the spirit of self-reliance and service to society
- Synthesis of science and spirituality for societal benefit

The concept of integral education that SSSIHL imparts is pursued by all teachers, staff, and students.

Sri Sathya Sai Values-based Integral Education

THE PROCESS

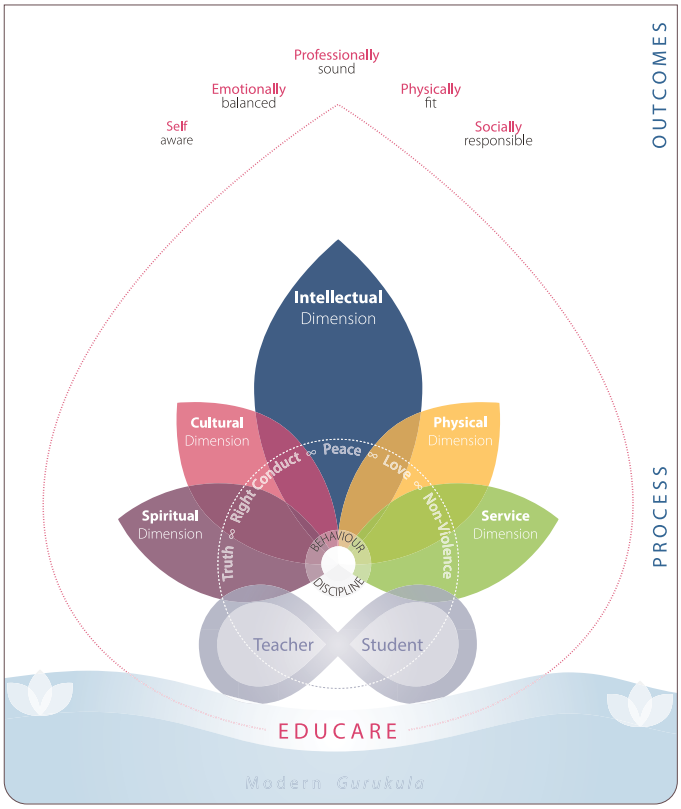
Sri Sathya Sai Values-based Integral Education is a modern, rational, scientific education system rooted in Indian ethos. It takes the best of both ancient and contemporary learning techniques.

As depicted in the diagram, the base is the concept of a modern Gurukula that sustains all relationships and activities at SSSIHL. It is responsible for creating and sustaining the congenial environment necessary for the teacher-student interaction to grow and develop.

Adherence to discipline and appropriate behaviour are the two important aspects that encompass all interactions. The 5 human values of Truth, Right Conduct, Peace, Love and Non-violence form the undercurrent of the integral education's dimensions.

These dimensions are Intellectual, Physical, Cultural, Devotional and Service. The key activities for each dimension form the basis of most of a student's time at SSSIHL.

Bhagawan Baba purposefully designed the system of Integral Education so that students spend their time on academics (intellectual capacities) and developing other qualities. This concept is very unique at the university level. See the Integral Education Activities for further details.



Sri Sathya Sai Values-based Integral Education

THE OUTCOME

The outcomes of the system of Values-based Integral Education at SSSIHL are threefold. It prepares all graduates to be:

- Professionally sound
- Emotionally balanced
- Physically fit
- Socially responsible and
- Self aware

It helps develop a strong character and positive qualities in students and nurtures virtues like adaptability, tolerance and sacrifice, shaping them into noble and responsible citizens.

LEARN MORE

Visit the About Us section of our website to learn more about the uniqueness of SSSIHL.

THE DAILY ROUTINE

This is a crucial component of this process.

Each student's day starts at 5:00 a.m., with a couple of hours spent in prayer, exercise and other vocational pursuits (such as practice sessions for music, band, traditional Indian music, etc.).

Classes commence at 9.00 a.m. and end at around 4:00 p.m.

Students then move to the Sports Field / Mandir / Prayer Hall for participation in sports and games / congregational chanting (Veda), multifaith prayers / devotional singing / bhajans, and other spiritual activities. These also include talks by eminent speakers on a variety of spiritual topics.

Post dinner, students continue to concentrate on their studies. before lights out at around 10 p.m.

I have established these institutions to impart spiritual education as a main component and worldly education as a secondary one. Education should enable one to cultivate good qualities, character and devotion. The teaching of the university curricula is only the means employed for the end, namely, spiritual uplift, self-discovery and social service through love and detachment.

Sri Sathya Sai Baba
Revered Founder Chancellor, SSSIHL

SPIRITUAL dimension

major activities

- Multifaith Prayers / Devotional Singing / Bhajans
- Vedic chants and stotrams
- Meditation & Silent sitting
- Multifaith Awareness sessions
- Suprabhatam (prayer at dawn)
- Assembly (college prayer)
- Brahmarpanam (food prayer)
- Kshama Prarthana (night prayer)

Enables a student to connect to her/his inner Self, resulting in a calm, focused & intuitive mind.

This inner connection opens the heart and brings forth the feeling of love, compassion and empathy for fellow human beings.

CULTURAL dimension

major activities

- Celebration of Festivals
- Brass Band
- Nadaswaram & Panchavadyam
- Annual Sports & Cultural Meet
- **Performing Arts**: Music programmes, Drama & Dance
- **Fine Arts**: Rangoli, Cardmaking, Photography, Altar making
- Public Speaking
- Debates and Elocution

Creates avenues for individual artistic expression of a student's creative potential through various art forms and helps develop an appreciation of the different facets of culture.

PHYSICAL dimension

major activities

- Games
- Sports
- Annual Sports & Cultural Meet
- Jogging
- Exercises
- Yogasnas

A healthy body results in a healthy mind. This dimension trains a student to overcome her/ his physical limitations and strive for excellence

SERVICE dimension

major activities

- **Self-reliance Departments**: Electricals, Plumbing (water supply), Audiovisual, General store, Dispensary, Dietary services, Hostel mess, Arts & Crafts, costumes & props, etc.
- Community living
- Social work
- Voluntary work
- Grama Seva (Village Service)
- Community engagement
- Prasadam distribution

Enables a student to experience the deep inner satisfaction of giving joy to others through selfless service.

INTELLECTUAL dimension

major activities

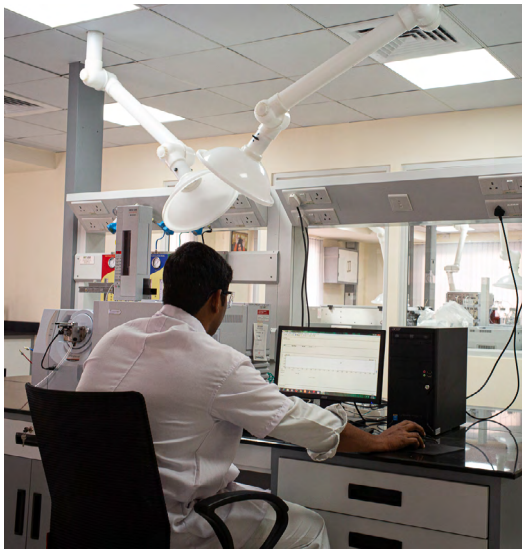
- Academic Studies
- Research
- Workshops & conferences
- Colloquiums & symposiums
- Talks and discussions during assembly
- Awareness class
- Moral class (Thursdays)
- Prayer Talks
- Annual Summer Course in Indian Culture & Spirituality

Promotes the acquisition of both secular and spiritual knowledge.

Apart from academics and research, the activities in this dimension include Awareness Courses, Moral Classes and Prayer Talks.

Ayyagari Sathya Sai Srikar
I M.Sc. Mathematics, SSSIHL

GATE 2024: All India Rank 1
Data Science and Artificial Intelligence



SSSIHL in numbers

admissions

3 years average | **2022-24**
per year

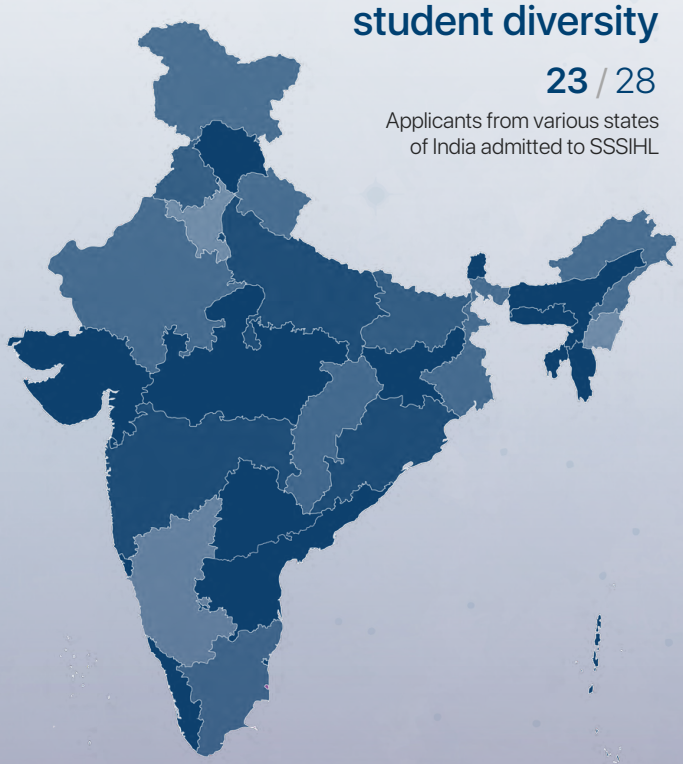
697 total admissions

32% acceptance rates

697 / 2183
accepted / eligible applicants

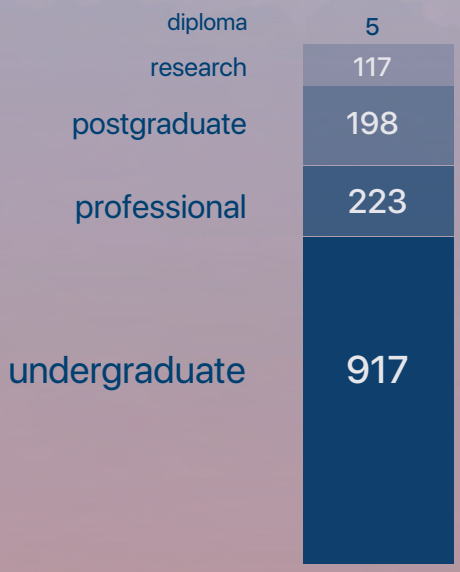
student diversity

23 / 28
Applicants from various states of India admitted to SSSIHL

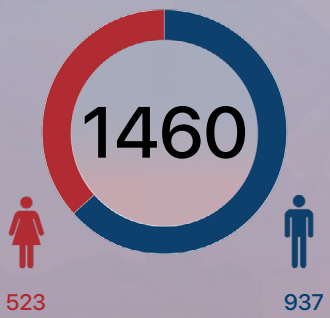


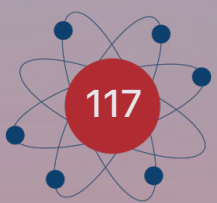
students

academic year 2023/24



by Programme





doctoral research scholars
8% of student body

by Campus

SSSIHL in numbers

students
academic year 2023/24

10:1

student-teacher
ratio

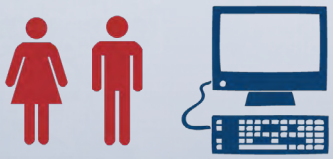
per student per year

₹ 2.30 lakh

expenditure

₹ 6.25 crore

equipment & infrastructure

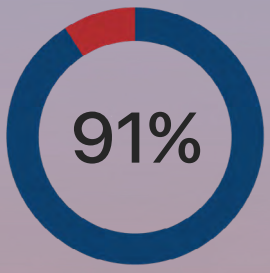


2:1

student-computer
ratio

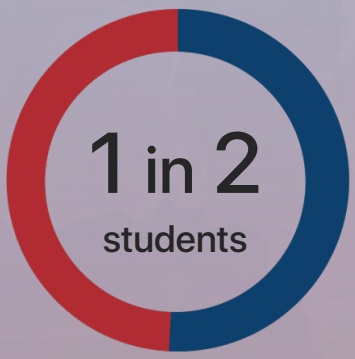
use of computers is always 1:1

students
academic year 2023/24



examinations
pass rate

UNDERGRADUATE

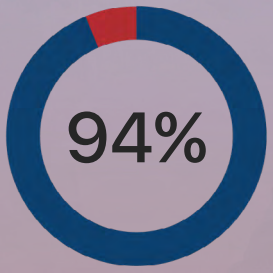


75/153

national examinations

number of final year SSSIHL postgraduate students that qualified

GATE, CSIR, JRF, NET, LS, JEST, CTET, UPSC IAI, ACET, CB3, CM2, CP3, CP2, CS1, DS1 and MAS



examinations
pass rate

POSTGRADUATE
PROFESSIONAL

SSSIHL in numbers

research
academic year 2023/24

161

research publications
in peer-reviewed journals

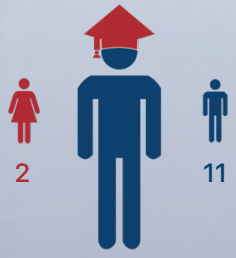
45% increase from the Academic Year 2022/23

₹ 3.68 crores

research & teaching grants

13

Ph.D. awardees

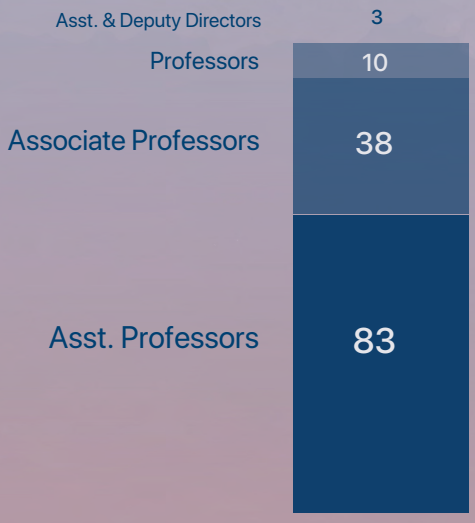


101

conference presentations

23% increase from the Academic Year 2022/23

staff
academic year 2023/24



Faculty
full-time

202

total staff
full-time

134 Faculty (full-time)
50 Administrative
13 Technical
5 Library

71%

PhD

in addition, 20 faculty are pursuing their Ph.D.

other faculty

Adjunct
Visiting
Guest Lecturers
Honorary

184

Hostel Life

Genesis

The philosophy of hostel life is based on the approach of community living: each one lives for the other and all live together for a common higher cause.

Students from different states of India, and varied economic and cultural backgrounds live in dormitory-styled accommodation with 10-14 students staying together in a room. the aesthetically pleasing hostel buildings also create a noble ambience for students to live in.

As a result, the hostel is a miniature model of the world outside with people of different habits, temperaments, lifestyles, language and outlook staying together and working. This develops the qualities of understanding, adjustment, sharing and caring amongst the students. It nurtures virtues like adaptability, tolerance and sacrifice; developing students into noble and responsible citizens.

The ambience is suffused with both discipline and loving care. All doctoral research scholars reside with the students in the hostel. The relationship between the students and teachers is very cordial and warm, and the teachers pay personal attention to the problems of each and every student. The teachers are chosen with extreme care to play an important role in this process. Many of them are alumni of the Institute, dedicated and well versed in integral education. They serve as facilitators and are available at all times for mentoring the students on personal and academic matters.

Personal cleanliness, punctuality and regularity, general behaviour, personal etiquette and room cleanliness are the major components of the discipline that is followed at SSSIHL hostels.

The ideal Sai student

The Revered Founder Chancellor, Sri Sathya Sai Baba said, "Knowledge, when skilled, leads to balance which in turn provides insights about the application of knowledge for the benefit of society." He, therefore desired (as shown in the diagram below) that students graduating from this university should possess:

- The Head of Shankara that symbolizes knowledge leading to wisdom
- The Hands of Janaka that symbolizes knowledge translated to skills for societal benefit
- The Heart of Buddha that symbolizes compassion to balance the head with the hands

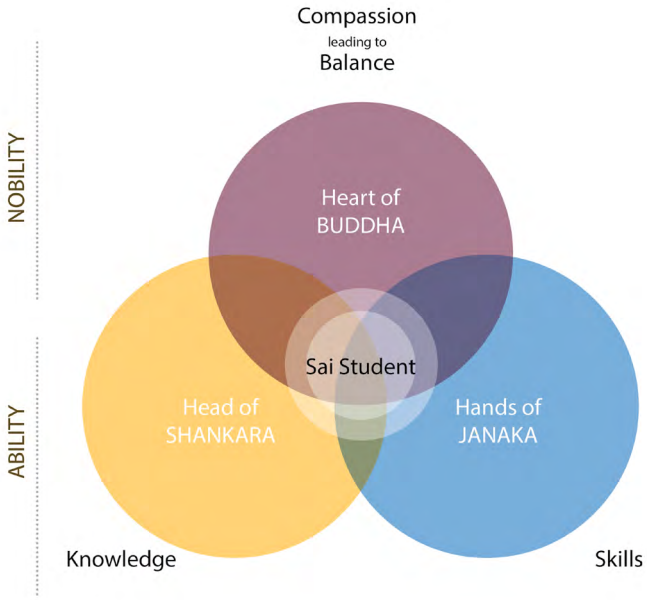
Self Reliance Departments

A major portion of the functioning of the hostel is taken care of by the students and resident staff members. The guiding principles of the hostel are a simple life coupled with self reliance. Students do their work with least dependence on external agencies. To inculcate the dignity of labour and respect for work, most functions and departments of the hostel are run by students under the able guidance of resident faculty.

The self reliance departments include:

- Electrical
- Plumbing (water supply)
- Audiovisual
- General store
- Dispensary
- Dietary services
- Hostel Mess
- Arts & Crafts
- Costumes & props

These self reliance activities enable students to become self-confident and independent. They also contribute to developing leadership and entrepreneurial skills. To maintain continuity and effective succession planning, senior students train the junior students in all aspects of respective self reliance departments before graduating.



Harmony of Head-Heart-Hand

SSSIHL Anantapur Campus Brass Band students with Smt. Droupadi Murmu, Hon'ble President of India
SSSIHL XLII Convocation, 22 Nov 2023, Prasanthi Nilayam

The end of Education is Character

SRI SATHYA SAI BABA

Application Process

SSSIHL is unique

As detailed in the Introduction pages above, SSSIHL is unique in several ways.

Firstly, aligned with the vision of Bhagawan Sri Sathya Sai Baba, **education at SSSIHL is provided FREE to all students for all programmes of study.**

This commitment aims to eliminate financial barriers and promote access to quality education for all deserving candidates, fostering an inclusive learning environment.

SSSIHL **does not** levy any of the following fees:

- **Tuition** fees
- **Admissions** fees
- **Infrastructure & Development** fees
- **Library** fees
- **Examination** fees
- **Basic amenities** fees
- **Sports** fees
- **Medical** fees*

*students have access to free medical treatment at Sri Sathya Sai General and Sri Sathya Sai Super Speciality Hospitals located at Prasanthi Nilayam and Whitefield, Bangalore.

Hostel fees: Boarding and lodging charges will be communicated to selected candidates.

Secondly, owing to the unique system of education, we have the following notice that applies to all applicants (at all levels of study):

Programmes for Admissions

As a first step, carefully review in detail the descriptions of the programmes you are interested in. These can be found from page 18 onwards in this prospectus.

Each programme includes an **overview**, **eligibility requirements** (for that particular programme) and a comprehensive **list of courses** in each year (per semester of study).

Eligibility

The requirements for admissions vary from programme to programme. See the individual Programme pages for detailed information.

Candidates who do not meet all the admissions criteria listed for the programme they apply to will not be eligible for admissions.

Sri Sathya Sai Institute of Higher Learning (Deemed to be University) has a merit-based Admissions Policy open for all.

NOTE: Relaxation of admissions norms for special categories is applicable as per the Govt. of India guidelines.

Application Guide

Note: Applications for admissions to all SSSIHL programmes are **ONLINE ONLY**.

After you have decided on what programme to apply for, head over to the Application Guide. This page will give you step-by-step guidance on how to successfully apply for a programme at SSSIHL.

Once you submit your online application, you will not be able to change it.

Therefore, it is very important you go through the Application Guide and read the important information it provides on various aspects of the application such as Registration for Online applications, what documents to upload, and what happens at each stage of your application process.

Dates & Deadlines

Next, to make sure you don't miss out on a chance to apply to SSSIHL, kindly visit the Dates & Deadlines page of the Admissions section of the website.

NOTICE TO ALL APPLICANTS

Given the unique modern Gurukula system of Values-based Integral Education at SSSIHL, **it is mandatory that all students study and reside at gender-specific campuses during their entire period of study**.

Documents Checklist

Before you fill in your application form, in order to save time, make sure you keep these key documents ready in a digital format before you register and apply online.

All documents uploads must be clear, legible and attested (where required). Failure to meet these requirements may result in your application being rejected.

The documents you must upload are:

1. **One passport-sized photograph**
   Latest photograph of the applicant in the prescribed format mentioned in the application form

2. **Statement of Marks**
   Self-attested (by the applicant) photocopies of the Statement of Marks for X Std. issued by your Higher Secondary School Board

   Self-attested (by the applicant) photocopies of the Statement of Marks for XII Std. issued by your Higher Secondary School Board

   Self-attested (by the applicant) photocopies of the Statement of Marks (along with the final degree certificate) of all semesters/years issued by the authority (University/ College/Institution) which conducted the Qualifying Examinations leading to your Final degree

   Note: If you have just finished your final exams or are about to take them, please upload final mark sheets for all the years preceding the final year. If your institution follows a semester system, please upload exam mark sheets for all semesters preceding the final semester.

3. **Application fee payment receipt**
   A copy of the application fee payment receipt.

4. **Photo identification proof**
   A clear copy of any Government approved Photo ID, such as your Aadhaar card.

5. **For special categories as per Govt. of India**
   A self-attested copy of the relevant certificate issued by the statutory authorities (state / central)

Apply Online

Once you are ready with the above, visit the Apply Online page.

Registration
The first step is to register online with a valid email address (email ID). This is done on the Apply Online page. Kindly refer to Step 1 of the Application Guide for full details.

Filling and submission of your Application Form
You can then begin filling in the admissions application form online. Kindly refer to Step 5 of the Application Guide for full details.

Note: All your information is transmitted through a secure server and is kept fully confidential. Your application information and accompanying credentials are reviewed only by authorized representatives of the Institute.

Admissions Technical Viva Voce & Interviews

Next, you must wait to hear from the Institute in regards to the outcome of your application. Applicants who meet the eligibility criteria for the programme they applied for will then proceed to the next step of their application.

The list of candidates selected for the round of interviews will be published on the Admissions Lists page of the website.

Note: All notifications to applicants from SSSIHL during the entire admissions application process will be sent to your registered **email address**.

There is no admissions test for all Postgraduate programmes. Applications will be shortlisted based on merit. The shortlisted candidates will be asked to attend an online interview.

If you do not meet the eligibility criteria for the programme you applied for, you will be notified accordingly via email.

Results: Provisional List of Selected Candidates

Once you have attended the interview, the Institute will publish the list of selected candidates on the Admissions Lists page.

This page will be regularly updated as and when the Admissions team scrutinizes and processes applications at each stage of the admissions process.

Join SSSIHL!

Congratulations! You have got an opportunity to study at Sri Sathya Sai Institute of Higher Learning.

List of Documents to be submitted upon admission to SSSIHL

All newly admitted candidates must submit the following to the Director of the Campus on the opening day of the academic year:

- Original Marks Certificate of X and XII Standard
- Original / Provisional Degree Certificate (or marksheets of all previous semesters / years of your current degree, if the results are not yet published)
- Transfer certificate
- Conduct certificate
- Health Record
- Special category certificate (if applicable)

1 July 2025
Academic year 2025/26 commences

How do I contact the admissions Office if I need further help?

The Admissions pages of the website are designed to make sure that candidates have all the information that they require to successfully apply to SSSIHL.

If you still need further assistance please contact us either by email or telephone.

By Email:
For admissions related queries, please email us on admissions@sssihl.edu.in.

We will answer all email enquiries within two working days of receipt of your email.

By Telephone:
To contact the admissions office for Admissions related queries, please telephone:

+91 9441 911 391 or
+91 83310 34774 or
+91 8555 287239 (landline)

The above numbers are for admissions related queries for the Institute (SSSIHL) only.

Lines are open between 9:30 a.m. and 4:30 p.m., Monday to Saturday.

Outside of these hours, please email us admissions@sssihl.edu.in.

You are wished the very best.
Sai Ram!

Student Support

For information related to admission of international students, admissions policies, code of conduct, anti-ragging and grievance redressal mechanisms, etc., please visit the Student Support page of our website.

Programmes for Admissions

There are **separate programmes** available for **Women** and **Men** applicants, as the Institute hosts separate campuses for women and men students.

Given below are the **Postgraduate Programmes** open for admissions in 2025.

Postgraduate Programmes (2 years)

MEN candidates

- **M.A.** in **Economics**
- **M.Sc.** in **Mathematics**
- **M.Sc.** in **Physics**
- **M.Sc.** in **Chemistry**
- **M.Sc.** in **Biosciences**

WOMEN candidates

- **M.A.** in **English Language & Literature**
- **M.Sc.** in **Biosciences**
- **M.Sc.** in **Food & Nutritional Sciences**

Common Courses for all Programmes

360 degrees learning

The unique aspect of all degree programmes at SSSIHL is that the curriculum encompasses a wide variety of types of courses: Discipline Specific and Interdisciplinary Elective Courses, Ability Enhancement courses, Multidisciplinary courses, Major Discipline Specific Core courses, Interdisciplinary Minor courses, Skill Enhancement courses, Values-based courses and Research work & projects.

These are incorporated in the programme descriptions given in this prospectus.

In addition, students spend many hours of their courses on non-classroom study: seminars, conferences, tutorials, practical and laboratory work, internships, field trips and engaging with their communities.

Public Speaking

Students are also encouraged to come forward and speak in front of the SSSIHL community on topics ranging from science to metaphysics, thus giving them an appropriate platform to develop their public speaking skills and to refine their thought process.

THURSDAY MORAL CLASSES

At each campus, Thursday mornings begin with an hour of inspiring and ennobling talks by speakers focusing on their personal spiritual experiences, messages from sacred scriptures and other elevated and socially relevant themes. It is also used to highlight students' talents in music, dramatics, elocution, debates, quizzes, etc.

Sample Topics: Why are Values Important?, Sai Student, Moral values from the Ramayana, Divine Directions, Role and Importance of Guru, Debate on How Government Should Regulate Social Media, Yoga & Holistic Human Health, Significance of Festivals of India (all religions) and several sessions on Experiences and teachings of our Revered Founder Chancellor.

PRAYER TALKS

Every morning before classes commence at the college, all students and teachers gather for the morning assembly. Multifaith prayers / devotional singing / bhajans and a few minutes of silent sitting are sometimes followed by a talk by students, faculty members or invited guests on topics related to morals and values.

Sample Topics: Power of Thoughts, Trust in God's Timings and Have Faith in His Decisions, Self-Love – A Path to your Inner Self, Choice of Freedom, Certainty in Uncertainty.

AWARENESS COURSE

Each semester, students take an Awareness Course. These mandatory, credited courses are common to all programmes of study and are designed to cultivate a broad view of the human condition in students.

These mandatory courses are designed to cultivate a broad view of the human condition in students. The course content helps trigger self-reflection and enquiry and sensitises students to the concerns of society, and gets them to think about practical solutions to these problems.

Awareness Courses for **Postgraduate Programmes** in the **Academic Year 2025/26**:

YEAR 1

Semester 1: Education for Life

Semester 2: God, Society and Man

YEAR 2

Semester 3: Guidelines for Morality

Semester 4: Wisdom for Life

Programme Descriptions

The following pages will highlight the information for each individual postgraduate programme of study at SSSIHL for 2025 entry.

This includes: the length of the programme, whether it is applicable for women candidates or men or both, the eligibility criteria and a programme overview, and a full list of courses of study for each year (and semester).

NOTICE

Based on the changing requirements of the UGC, employability, industry, entrepreneurship, skill development and research, SSSIHL may revise or update any aspects of a programme without written notice.

M.A. in English Language and Literature

For Women

OVERVIEW

The M.A. in English Language and Literature at the Sri Sathya Sai Institute of Higher Learning is among the oldest programmes offered by the Institute. Academic luminaries, including Prof. V K Gokak, Prof. Jayalakshmi Gopinath, Prof. Anima Mukherjee, Prof. Zeba Bashiruddin, and Prof. Rajeshwari C Patel, established its curricular and pedagogical foundations.

This two-year programme is designed for graduates from any discipline passionate about English literature. The curriculum is comprehensive and well-rounded, combining traditional and contemporary topics in English literary and linguistic studies. It includes British literature survey courses, electives, and interdisciplinary papers, all aimed at enhancing students' current skills while cultivating new ones. Additionally, it focuses on developing professional skills in literary studies, including critical thinking, research, and presentation abilities.

The programme immerses students in an exhilarating world of learning, facilitated by expert faculty members in Linguistics, ELT, Media Studies, Indian Writing in English, Postcolonial Literatures, American Literature, European Classics, Ecocritical Studies, Popular Culture Studies, Translation Studies, Women's Writing, Life Writing, Comparative Literature, and Literary Theory. This comprehensive curriculum gives students a solid foundation in English literature, spanning various periods and genres.

In the second year of the programme, students embark on a research-oriented journey through coursework and training in research methods and methodologies. After the first three semesters, students who achieve a CGPA of 6.5 or higher have the opportunity to pursue their dissertation in the fourth semester on a topic of their choice with the help of a supervisor.

Every year, students have numerous chances to write and present their research papers at national and international conferences, resulting in the publication of their work. They also participate in literary events, performances, colloquiums, and discussions with experts, both online and in person.

CAREER OPTIONS

Graduates of the programme can pursue careers in a wide range of fields, including content writing, editing, publishing, advertising, journalism, television and media, public relations, librarian jobs, and teaching and research. They may also venture into entrepreneurship in writing and publishing or related fields.

Students can also opt to pursue doctoral studies at SSSIHL in their areas of interest, enhancing their expertise and advancing towards an academic career. The skills and knowledge they acquire will be valuable across various sectors.

ELIGIBILITY

- 10+2 years of schooling from a recognized board and 3 years of university (total 15 years)
- Either passed or appeared for Final exams at Bachelor's degree level before Admissions. If not appeared for Bachelor's degree final exams, aggregate marks in all the preceding Years/Semesters put together will be considered
- Preferably below 24 years as of 30th June in the year of admission

COURSES

YEAR 1

Semester 1

- British Literature I: 1340-1660
- British Literature II: 1660-1798
- Indian Writing in English
- Advanced English Grammar
- Awareness Course I: Education for Life

Semester 2

- British Literature III: 19th Century
- British Literature IV: 900 to the present
- Advanced Literary Criticism and Theory
- Advanced Linguistics
- Awareness Course II: God, Society, and Man

YEAR 2

Semester 3

- American Literature
- Eco-critical Studies
- Elective 1: Popular Culture Studies or Life Writing Studies
- Elective 2: Teaching of English as a Second Language or Writing for the Media
- Dissertation: Interim Review & Research Methodology
- Awareness Course III: Guidelines for Morality

Semester 4

- New Literatures
- Women's Writing
- Elective 3: Comparative Literature **or** Translation Studies
- Elective 4: Dissertation
- European Classics in Translation
- Awareness Course IV: Wisdom for Life

M.A in Economics

For Men

OVERVIEW

The programme offers advanced training in economics to equip students with the required skills for a career as an economist with the potential to serve in positions of responsibility in government, the corporate sector, universities and research institutions.

The available courses are categorized into core courses and electives. Core courses aim to deliver comprehensive training in economic theory, modern economic issues, and quantitative methodologies, equipping students with the fundamental tools necessary for analyzing economic problems across diverse contexts. Students must complete a dissertation during the programme.

In Semesters 2-4, students will have the option to specialize in **Applied** or **Financial Economics**. They choose electives from the respective streams to do this.

Elective courses within the **Applied Economics** streams focus on applying economic theory and econometrics to solve real-world problems across various fields, including demography, labour, industry, agriculture, development, education, and health economics.

The elective courses within the **Financial Economics** streams focus on the allocation and use of economic resources over time and in different locations, particularly under uncertain conditions.

At the postgraduate level in both streams, electives allow students to gain advanced training in their chosen fields. This approach gradually enhances their understanding of complex theories. It hones their analytical abilities by establishing a solid foundation in both the theoretical concepts of economics and practical applications and analyses.

ELIGIBILITY

- 10+2 years of schooling from a recognized board and 3 years of university (total 15 years)
- Consistent academic performance of 60% aggregate marks in Bachelor's degree. Either passed or appeared for Final exams at Bachelor's degree level before Admissions. If not appeared for Bachelor's degree final exams, aggregate marks in all the preceding Years/Semesters put together will be considered
- Preferably below 24 years as of 30th June in the year of admission

COURSES

YEAR 1

Semester 1

- Microeconomic Theory
- Macroeconomic Theory
- Quantitative Methods For Economics
- Agricultural and Industrial Economy of India
- Financial Markets and Institutions Computer Applications In Economic
- Analysis – I
- Awareness Course I: Education for Life

Semester 2

- Public Economics
- Ethics, Economy and Society
- Econometrics
- Elective Course – I
- Elective Course – II
- Computer Applications In Economic Analysis – II
- Awareness Course II: God, Society, and Man

YEAR 2

Semester 3

- Monetary Theory and Policy
- Time Series Modelling
- Economics of Growth and Development
- Elective Course – III
- Elective Course – IV
- Computer Applications In Economic Analysis – III
- Awareness Course III: Guidelines for Morality

Semester 4

- Indian Economy: Contemporary Issues and Policies
- History of Modern Economic Analysis
- Elective Course – V
- Elective Course – VI
- Dissertation
- Computer Applications In Economic Analysis – IV
- Awareness Course IV: Wisdom for Life

ELECTIVES

Students must choose their electives from **either one of the two streams** offered:

Applied Economics (Stream – AE)

- Advanced Macroeconomics
- Agricultural Economics
- Applied Econometrics
- Behavioural Economics and Finance
- Demography
- Economic Institutions, Systems and Theories
- Economics of Education and Health
- Economics of Infrastructure
- Economics of Insurance
- Energy and Resource Economics
- Environmental Economics
- Forecasting Methods for Economics and Finance
- Industrial Economics
- International Economics and Finance
- International Trade
- Labour Economics
- Open Economy Macroeconomics
- Underwriting and Actuarial Applications

Financial Economics (Stream – FE)

- Behavioural Economics and Finance
- Computational Finance
- Corporate Finance
- Data Analytics
- Economics of Insurance
- Emerging Market Economies
- Financial Derivatives
- Financial Econometrics
- Financial Economics
- Financial Services
- Forecasting Methods for Economics and Finance
- International Economics and Finance
- International Finance
- Rural Finance
- Security Analysis and Portfolio Management
- Underwriting and Actuarial Applications

M.Sc. in Mathematics

For Men

OVERVIEW

The M.Sc. in Mathematics programme at SSSIHL is designed to build on students' existing mathematical skills and allow them to broaden and deepen their understanding of the branches of mathematics that most interest them.

It offers students a comprehensive understanding of mathematics through fundamental courses in key areas such as Analysis, Algebra, Geometry, Differential Equations, Probability & Statistics, and Operations Research.

The programme includes software laboratory courses in the first two semesters to provide students with practical experience in programming languages.

In addition, the mini-project, term paper and dissertation components help students develop expertise and research skills in their specific areas of interest.

SPECIALIZATIONS

The M.Sc. programme allows students to customize their expertise with diverse specializations. They will take four mandatory electives (16 credits) in Year 2 (Semesters 1, 2 and 3) from any one of the following five Stream Cores:

- Computer Science
- Actuarial Science
- Industrial Mathematics and Scientific Computing
- Analysis and Applications
- Mathematical Biology

They can tailor their academic journey to align with specific interests and career goals by choosing their preferred focus.

GENERAL ELECTIVES

In Year 2 (Semesters 3 and 4), students are offered a wide range of electives (see the list of Courses). They can choose any of them.

ELIGIBILITY

- 10+2 years of schooling from a recognized board and 3 years of university (total 15 years)
- Either passed or appeared for Final exams at Bachelor's degree level before Admissions. If not appeared for Bachelor's degree final exams, aggregate marks in all the preceding Years/Semesters put together will be considered.
- Only candidates with a B.Sc. in Mathematics or other B.Sc. programmes (M/P/C or M/E/S or M/P/CS) with a major/specialization in Mathematics are eligible to apply
- Familiarity with the following is mandatory for admissions:

  Mathematics: Calculus, Differential Equations, Probability Theory, Real Analysis, Group Theory, Ring Theory, Linear Algebra, Complex Analysis, Discrete Mathematics, and Numerical Analysis

  Computer Science: C Language Programming
- Age: Preferably below 24 years as of 30th June in the year of admission

COURSES

YEAR 1

Semester 1

- Advanced Real Analysis
- Advanced Linear Algebra
- Commutative Algebra
- Stream Core – I
- Awareness Course I: Education for Life

Semester 2

- Functional Analysis
- Probability & Statistics
- Stream Core – II
- Stream Core – III
- Mini Project
- Awareness Course II: God, Society and Man

YEAR 2

Semester 3

- Differential Geometry
- Optimization Techniques
- Stream Core – IV
- Elective – I
- Seminar
- Awareness Course III: Guidelines for Morality

Semester 4

- Mathematical Modelling
- Elective – II
- Elective – III
- Elective – IV
- Dissertation
- Awareness Course IV: Wisdom for Life

SPECIALIZATION ELECTIVES

It is mandatory for students to study all four electives (Stream Cores I-IV) from **any one** of the Specialization areas below:

Computer Science

- Stream Core – I: Computer Organization and Design
- Stream Core – II: Computer Networks
- Stream Core – III: Design of Algorithms
- Stream Core – IV: Database Systems

Actuarial Science

- Stream Core – I: Actuarial Mathematics
- Stream Core – II: Applied Statistical Methods
- Stream Core – III: Actuarial Models
- Stream Core – IV: Financial Economics

Industrial Mathematics and Scientific Computing

- Stream Core – I: Techniques in Applied Mathematics
- Stream Core – II: Numerical solutions to PDEs
- Stream Core – III: Numerical Methods in Image Processing
- Stream Core – IV: Introduction to Statistical Learning

Analysis and Applications

- Stream Core – I: Techniques in Applied Mathematics
- Stream Core – II: Measure Theory
- Stream Core – III: Theory of Ordinary Differential Equations
- Stream Core – IV: Theory of Partial Differential Equations

Mathematical Biology

- Stream Core – I: Techniques in Applied Mathematics
- Stream Core – II: Mathematical Ecology
- Stream Core – III: Theory of Ordinary Differential Equations
- Stream Core – IV: Mathematical Epidemiology

GENERAL ELECTIVES

Students can choose **any four** electives from the lists below.

Algebra, Geometry & Number Theory

Algebraic Topology, Algebraic Geometry, Symplectic Geometry, Foundations on Algebraic Number Theory, Analytic Number Theory, Riemannian Manifolds, Differentiable Manifolds, Mathematical Cryptography

Analysis and Applications

Sobolev Spaces and Sobolev Functions, Distribution Theory, Advanced Complex Analysis, Functional Analytic Methods for Partial Differential Equations, Spectral Theory of Linear Operators, Harmonic Analysis, Complex Analysis, Topology

Applied Mathematics

Calculus of Variations, Finite Element Methods, Wavelet Analysis, Integral Equations, Integral Transforms, Game Theory

Computer Science

Artificial Intelligence, Computer Graphics, Formal Languages and Automata, Pattern Recognition, Cryptography, Neural Networks, Mathematical Methods for Data Mining, Operating Systems, Systems Programming, Quantum Algorithms, Web Programming

Actuarial Science

General Insurance, Life and Health Contingencies, Actuarial Risk Management 1 – Foundation, Actuarial Risk Management 2 – Advanced, Enterprise Risk Management

Industrial Mathematics and Scientific Computing

Computational Statistics, Convex Optimization, Mathematical Methods in Image Processing

Mathematical Biology

Deterministic Optimal Control Theory, Stochastic Differential Equation, Dynamical Systems, Advanced Non-Linear Dynamical Systems

M.Sc. in Physics

For Men

OVERVIEW

The Masters programme in Physics is designed to strengthen students' fundamentals in Physics further and enable them to study advanced topics in many areas.

With adequate exposure to advanced theory courses, students will also spend considerable time on experimental skills through various practical courses and computational labs. They will acquire the skills and confidence necessary to design, set up and perform experiments.

ELECTIVES

In Year 2 (Semesters 3 and 4), students can choose five elective courses on a broad range of topics in frontier research areas, such as Photonics, Microelectronics, Materials Science, Biomaterials, Nuclear Spectroscopy, Industry 4.0, Semiconductors, Quantum Computing and Quantum Optics.

A mini project and a major project cater to the students' research potential and give them experience handling state-of-the-art, sophisticated, research-grade equipment.

CAREER OPTIONS

The degree provides graduands a clear passage for entry into positions in research and development, academia, industry, and technology. It also provides a pathway for those interested in contributing to cutting-edge advancements in physics through further research at the doctoral level, including at SSSIHL.

ELIGIBILITY

- 10+2 years of schooling and 3 years of university (total 15 years)
- Either passed or appeared for Final exams at Bachelor's degree level before Admissions Test. If not appeared for Bachelor's degree final exams, aggregate marks in all the preceding Years/ Semesters put together will be considered.
- Candidates with a B.Sc. (Hons.) in Physics as the main subject along with Mathematics and either Chemistry, Statistics, Electronics or Computer Science as additional subjects are eligible to apply
- Candidates with a B.Sc. without Honours: 3-subject combination with Physics, Mathematics and either Chemistry, Statistics, Electronics, or Computer Science are eligible to apply
- Age: Preferably below 24 years as of 30th June in the year of admission

COURSES

YEAR 1

Semester 1

- Classical Mechanics
- Classical Electrodynamics
- Quantum Mechanics – I
- Mathematical Physics
- Experimental Methods in Physics – I
- Electronics and Microcontroller Lab
- Self Development
- Awareness Course I: Education for Life

Semester 2

- Nuclear and Particle Physics
- Modern Optics
- Quantum Mechanics – II
- Statistical Mechanics
- Experimental Methods in Physics – II
- Software Lab
- Mini Project
- Awareness Course II: God, Society and Man

YEAR 2

Semester 3

- Advanced Spectroscopy
- Solid State Physics
- Elective – I
- Elective – II
- Advanced Physics Lab
- Project work
- Awareness Course III: Guidelines for Morality

Semester 4

- Elective – III
- Elective – IV
- Elective – V
- Project Work
- Awareness Course IV: Wisdom for Life

ELECTIVES

- Concepts in Magnetism and Superconductivity
- Semiconductor Device Physics
- Concepts in Materials Science
- Nuclear Spectroscopy
- Fiber Optics
- Functional Ceramics and Devices
- Nuclear Reactions
- Photovoltaics for Energy Conversion
- Ultrafast Nonlinear Optics
- Accelerators, Reactors & Detectors
- Biomaterials
- Molecular Simulations (Theory & Practical)
- Microelectronics
- Fundamentals of Nanoelectronics
- Nanoscale Physics
- Foundations of Quantum Optics
- Quantum Computing
- Industry 4.0 – IoT, Artificial Intelligence & Additive Manufacturing (Theory & Practical)

M.Sc. in Chemistry

For Men

OVERVIEW

The Masters programme in Chemistry delves deeper into the various branches of chemistry, providing advanced knowledge, research skills, and specialized training. It emphasizes a detailed understanding of the fundamental principles and hands-on training in appropriate computational and experimental methods.

The range and depth of the courses taught each semester emphasize analytical thinking and practical laboratory skills development.

This rigorous training in all the major branches of chemistry – theoretical, applied, instrumental, computational and experimental – sets the stage for electives in interdisciplinary areas as well as for an introduction to the advanced emerging fields of research during the last two semesters of the programme.

The project work in the last two semesters is designed to cater to the research potential of the students wherein they are exposed to gain experience in handling sophisticated equipment (UV-vis, Fluorescence, IC, HPLC, FTIR, GC-MS/LC-MS QQQ and QToF, MP AES, SEM, TEM) and advanced concepts in Chemistry.

Seminars and colloquia require students to prepare presentations for the department's faculty and doctoral research scholars. This practice hones students' communication skills and helps them build confidence.

CAREER OPTIONS

Students graduating with an M.Sc. degree in Chemistry at SSSIHL will have many career options, from being a researcher to a specialist scientist (in areas such as quality control, materials, Pharma, environment and analytical techniques). They can also pursue jobs in consulting, government or teaching and education.

ELIGIBILITY

- 10+2 years of schooling and 3 years of university (total 15 years) as recognized by SSSIHL
- Either passed or appeared for Final exams at Bachelor's degree level before Admissions Test. If not appeared for Bachelor's degree final exams, aggregate marks in all the preceding Years/Semesters put together will be considered.
- Candidates with a B.Sc. (Hons.) Chemistry as a main subject along with Mathematics and either Physics, Biology, Biotechnology, Statistics, Electronics or Computer Science as additional subjects are eligible to apply
- Candidates with a B.Sc. without Honours: 3-subject combination with Chemistry, Mathematics and either Physics, Statistics, Biology, Biotechnology, Electronics or Computer Science are eligible to apply.
- Age: Preferably below 24 years as of 30th June in the year of admission

COURSES

YEAR 1

Semester 1

- Quantum Chemistry and Group Theory
- Mathematics for Chemistry
- Analytical Chemistry
- Coordination Chemistry
- Advanced Aspects of Organic Structure and Stereochemistry
- Practical: Coordination Chemistry – Preparation and Analysis
- Practical: Analytical Chemistry
- Practical: Organic Qualitative Analysis – Mixture Separation and Analysis and Drug Analysis
- Awareness Course I: Education for Life

Semester 2

- Structural Inorganic and Bioinorganic Chemistry
- Chemical Kinetics and Surface Chemistry
- Statistical Thermodynamics and Electrochemistry
- Physical and Mechanistic Aspects of Organic Chemistry
- Practical: Inorganic Chemistry
- Practical: Physical Chemistry – Spectroscopy, Kinetics and Electrochemistry
- Practical: Organic Synthesis (multistep) and Spectral Analysis
- Awareness Course II: God, Society and Man

YEAR 2

Semester 3

- Organometallic Chemistry
- Polymer Chemistry and Applications of Group Theory in Chemistry
- Synthetic Organic Chemistry
- Theory and Application of Physical Methods in Chemistry
- Practical: Computational Applications in Chemistry – I
- Project work (Interim Review)
- Awareness Course III: Guidelines for Morality

Semester 4

- Solid State Chemistry and Nanomaterials
- Supramolecular Chemistry
- Elective – I
- Elective – II
- Elective – III
- Practical: Computational Applications in Chemistry – II
- Project Work
- Awareness Course IV: Wisdom for Life

ELECTIVES

All electives are intra-departmental. Students must choose one course from each of the three electives below.

Elective – I

- Medicinal Chemistry
- Quantum Chemistry of Chemical Bonding

Elective – II

- Environmental Chemistry
- Functional Materials
- Photophysics of Organic Molecules

Elective – III

- Biocatalysis for Industry and Environment
- Organic Chemistry of Natural Products
- Advanced Aspects of Polymer Chemistry

M.Sc. in Biosciences

For Women & Men

OVERVIEW

The M.Sc. in Biosciences programme is designed to provide an in-depth understanding of the major sub-disciplines of life sciences such as Molecular biology, Molecular cell biology, Biochemistry, Developmental biology, Immunology, Instrumentation for biological applications and Genetic Engineering.

Building a solid foundation in these areas paves the way for advanced elective courses in Biotechnology. Cutting-edge laboratories offer students practical training in Animal and Plant Cell Culture, Microbiology, Molecular Biology, Biochemistry, and Bioinformatics.

The ten practical courses (across all semesters) are designed to impart basic and advanced skill sets covered in the programme's theory courses. This ensures the students have sufficient training to conduct research projects during their dissertations.

In the last two semesters, the dissertation project prepares students with vital laboratory skills and instructs them on how to design and carry out *in vitro* and *in silico* studies focused on the Department of Biosciences' key areas.

Additionally, weekly colloquia and lab meetings require students to present their progress to faculty members and doctoral researchers, which hones their communication skills and boosts their confidence.

ELIGIBILITY

- 10+2 years of schooling from a recognized board and 3 years of university (total 15 years)
- Either passed or appeared for Final exams at Bachelor's degree level before Admissions. If not appeared for Bachelor's degree final exams, aggregate marks in all the preceding Years/Semesters put together will be considered
- Only candidates with a B.Sc. / B.Sc. (Hons.) in Biosciences, Life Sciences, Botany, Zoology, Biotechnology, Biochemistry, Microbiology or any field of biological sciences are eligible to apply
- Preferably below 24 years as of 30th June in the year of admission

COURSES

YEAR 1

Semester 1

- Molecular Cell Biology
- Molecular Biology
- Instrumentation for Biological Applications
- Immunology
- Practical Course 1
- Practical Course 2
- Practical Course 3
- Practical Course 4
- Awareness Course I: Education for Life

Semester 2

- Molecular Developmental biology
- Genetic Engineering
- Biochemistry of Macromolecules
- Bioinformatics
- Practical Course 5
- Practical Course 6
- Practical Course 7
- Practical Course 8
- Awareness Course II: God, Society and Man

YEAR 2

Semester 3

- Intermediary Metabolism
- Plant Systematics and Conservation
- Elective I
- Elective II
- Practical Course 9
- Awareness Course III: Guidelines for Morality

Semester 4

- Molecular Evolution and Human Genetics
- Cytogenetics and Plant Breeding
- Elective III
- Elective IV
- Practical Course 10
- Awareness Course IV: Wisdom for Life

ELECTIVES

- Mycology, Pathology and Fungal Biotechnology
- Plant Biotechnology
- Microbial Biotechnology
- Environmental Biotechnology
- Industrial Microbiology
- Environmental Microbiology
- Stem Cell Biology
- Neuroscience
- Nature's Pharmacy: Plants for Healthy Living
- Bio-pharmacology and Drug Designing
- OMICS: Genomics, Transcriptomics, Proteomics and Metabolomics

M.Sc. in Food and Nutritional Sciences

For Women

OVERVIEW

The M.Sc. in Food and Nutritional Sciences programme equips students with high-level skills in Food Sciences and Nutritional Sciences through a comprehensive curriculum covering fundamental courses in Food and Nutrition, Biochemistry, Research Methodology and Food Microbiology.

Advanced courses in Food Sciences delve into Food Product Development, Quality and Safety, Chemistry, and Entrepreneurship. The Nutritional Sciences curriculum emphasizes Dietetics, the growing field of Functional Foods, Molecular Nutrition, Ayurvedic Nutrition, Nutritional Counseling, and Public Health Nutrition.

These courses, combined with project work in two specializations—Applied Nutrition and Food Technology—aim to equip students for research and careers in diverse settings such as Health Care Institutions, Food Industries, national and international organizations, and NGOs, with a strong focus on community service.

Weekly department colloquium series are held to update subject knowledge and upgrade technical competency.

SPECIALIZATIONS

In Year 2 (Semesters 3 and 4), students will choose subjects (see the list of Courses) to pursue a specialization in either one of the following two major areas:

- Applied Nutrition
- Food Technology

CAREER OPTIONS

Graduates gain diverse career paths in food and nutrition, including food product development, quality control, nutrition research, public health, clinical nutrition, regulatory affairs, and more.

The programme also prepares students for doctoral studies and advanced research positions.

ELIGIBILITY

- 10+2 years of schooling from a recognized board and 3 years of university (total 15 years)
- Either passed or appeared for Final exams at Bachelor's degree level before Admissions. If not appeared for Bachelor's degree final exams, aggregate marks in all the preceding Years/Semesters put together will be considered
- Only candidates with a B.Sc. in Home Science / Food and Nutritional Sciences / Food Technology / Nutrition and Dietetics and other similar degrees, or Biosciences, or Mathematics / Physics / Chemistry are eligible to apply
- Preferably below 24 years as of 30th June in the year of admission

COURSES

YEAR 1

Semester 1

- Concepts in Food Science, Nutrition and Technology
- Bio-macromolecules and Intermediary Metabolism
- Research Methodology and Applied Statistics
- Food Microbiology and Safety
- Practical I: Food Microbiology and Safety
- Practical II: Food Analysis
- Practical III: Computer Applications in Research
- Awareness Course I: Education for Life

Semester 2

- Analytical Techniques
- Chemistry of Food Components
- Nutrition through Life Cycle
- Food Product Development and Evaluation
- Practical IV: Chemistry of Food Components
- Practical V: Nutrition through Life Cycle & Food Product Development and Evaluation
- Awareness Course II: God, Society and Man

YEAR 2

Semester 3

- Food Quality Control & Assurance
- Elective I
- Practical VIIII: Experimental Methods
- Project Work (review)
- Awareness Course III: Guidelines for Morality

Specialization Courses – **Applied Nutrition**

- Advanced Human Nutrition
- Therapeutic Nutrition and Dietetics
- Practical VI: Advanced Human Nutrition
- Practical VII: Dietetics and Clinical Nutrition

Specialization Courses – **Food Technology**

- Postharvest Technology of Fruits and Vegetables
- Advances in Food Processing and Packaging Technologies
- Practical VI: Postharvest Technology of Fruits and Vegetables
- Practical VII: Advances in Food Processing and Packaging Technologies

Semester 4

- Elective II
- Practical X: Special Research Techniques
- Project Work
- Comprehensive Viva voce
- Awareness Course IV: Wisdom for Life

Specialization Courses – **Applied Nutrition**

- Indian Traditional Foods and Ayurvedic Nutrition
- Public Nutrition and Epidemiology
- Practical IX: Public Nutrition and Epidemiology

Specialization Courses – **Food Technology**

- Dairy Technology
- Food Grain and Oilseed Technology
- Practical IX: Dairy Technology and Food Gram and Oilseed Technology

ELECTIVES

For Electives I and II (Semesters 3 and 4), students must choose their electives from either one of the following streams (**A** or **B**):

A) Applied Nutrition

- Functional Foods and Molecular Nutrition
- Food Fortification and Fermentation
- Nutritional Counselling and Support Systems
- Pediatric And Geriatric Nutrition
- Health Promotion Through Nutrition Communication
- Sports Nutrition
- Advances In Women Nutrition

B) Food Technology

- Functional Foods and Molecular Nutrition
- Food Fortification and Fermentation
- Physical Properties of Foods
- Unit Operations in Food Processing
- Baking Technology
- Technology For Plantation Crops and Spices
- Entrepreneurship And Marketing

SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

PRASANTHI NILAYAM

सत्यं वद धर्मं चर

The end of education is character

SRI SATHYA SAI BABA

sssihl.edu.in/admissions