



* **NAAC Accredited** *

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Shriram Shikshan Sanstha's



Shriram Mahila Vidnyan Mahavidyalaya Paniv

NAAC Accredited at 'B' Grade with CGPA 2.46(1st cycle)

Tal. Malshiras, Dist. Solapur - 413113

Affiliated To S.N.D.T. Women's University, Mumbai

 www.svmpaniv.com

 413.svmpaniv@gmail.com, svmpaniv@gmail.com

 7262977055, 8408976000

College code - 413

**Bachelor of Science
(B.Sc.)**

**Master of Science
(M.Sc.)**



Prospectus





Chairman
Hon. Mr. Prakash Shamrao Patil



Mentor
Hon. Mrs. Shrelekha Prakaash Paatil



Secretary
Hon. Advt. Abhishek Prakash Patil



Joint Secretary
Hon. Mr. Karan Prakash Patil



S.E.O.
Hon. Mr. Vinod Vishnu Babar



Principal
Hon. Dr. Madhusudhan Trimbak Bachute

COLLEGE DEVELOPEMENT COMMITTEE

Sr.No.	Names	Position Held
1.	Mr. Prakash Shamrao Patil	Chairman
2.	Mr. Abhishekh Prakash Patil	Representative Member from Management
3.	Mr. Vinod Vishnu Babar	Representative Member from Education
4.	Mr. Santhosh Shantilal Phade	Representative Member from Industry
5.	Mrs. Shrelekha Prakaash Paatil	Representative Member from Social Service
6.	Miss. Anuradha Maruti Pawar	Representative Member from Research
7.	Mr. Abhijeet Macchindra Babar	Representative Member from HOD
8.	Mr. Satyajeet Shivaji Rede	Representative Member from Teachers
9.	Mrs. Ahilyadevi Abhijit Kolekar	Representative Member from Teachers
10.	Mrs. Raut Swati Ankur	Representative Member from Teachers
11.	Miss. Chavan Swapnali Madhukar	Representative Member from IQAC
12.	Mr. Samadhan Hari Kodag	Representative Member from Office
13.	Miss. Balika Dhanaji Hanpude	Representative Member from Students
14.	Miss. Prajakta Buvasaheb Waghmode	Representative Member from Students
15.	Dr. Madhusudhan Trimbak Bachute	Member Secretary

For more details contact us : 7262977055, 9545243000, 9921864464, 8408976000

ABOUT PARENT INSTITUTE:

Shriram Shikshan Sanstha is an outstanding charitable institution, well known for quality education. SSS is located in a small village called Paniv in Malshiras Taluka of Solapur District in Maharashtra. The nearest metropolitan city is Solapur 115 kms from Paniv. Prior to the establishment of SSS, the only educational facility available to the youth was in Akhuj. It was highly troublesome for the students especially girls to travel that far in order to seek education. Moreover since there was only one institute, it was impossible for everyone to get admission. The Trustees of SSS donated 20 acres land focused on providing educational services, hostels and transport to make it convenient for students from rural area to seek quality education at an affordable cost.

Shriram Shikshan Sanstha came into existence with motto “**Na hi Dnyanen Sadrusham Pavitramih Vidyate**” in the year 1991. The Shriram Shikshan Sanstha’s visionary founder Ex. MLA Hon. Late. Shamrao Patil established this Sanstha with vision to cater educational needs of people in the rural area. After that under the leadership of Mr. Prakash Patil and Mrs. Shrilekha Paatil, various educational streams have been established under one umbrella for multidimensional development of students. Today the total strength of the students in SSS has reached 4169 comprising of 1680 girls and 2489 boys. It started initially with Shriram Vidyalaya in 1999 to make available school education for students in Paniv and around. After that by identifying in local and global needs various professional and traditional institutes have been established - Shriram High School (2000), College of Pharmacy (2006), Shriram Institute of Information Tech. (2008), Shriram Institute of Engineering & Tech. (Poly) (2008), Shriram College of Agriculture & Allied colleges (2013), Shriram Mahila Vidnyan Mahavidyalaya (2014) and Shriram Institute of Nursing (ANM/GNM) (2022). Recognising the efficacy of Ayurveda in treating the human ailments, SSS decided to cater knowledge of Ayurvedic treatment through a well equipped B.A.M.S. College entitled Shamrao Patil Ayurvedic Medical College (2023). Along with traditional education, by adopting skill based education & effective use of modern technology to make students globally competent, Shriram Shikshan Sanstha has paved a path for quality education to our beloved stakeholders-students.

About The College :

College is established in 2014 at an ancient historical village named Paniv in Solapur district by Shriram Shikshan Sanstha. It is situated 7km away from Akhuj City. Our aim is to open all portals of quality education and stability to the learners focusing on complete development of society. We further try our best to offer equal opportunities to all so that one can achieve the excellence and seek at greater chances to prove themselves, we are also aiming at developing good human beings nurturing good morals and values. This college is affiliated to **Shreemati Nathibai Damodar Thackersey Women's University, Mumbai**. We are giving the full fledged justice to our college motto “**Na hi Dnyanen Sadrusham Pavitramih Vidyate**”. Currently college runs B.Sc.(Chemistry) and M.Sc. (Analytical Chemistry) programs. Initially college started with 31 students. At present the strength of this college is about **300 +** students. College is assessed by NAAC & accredited in 2023.

Working hours:09:15am To 04:30pm

Vision :

- To be center of excellence through empowerment of women by providing quality science education.

Mission :

- To impart knowledge and practical skills in chemistry needed for industries, self-employment and research.
- To imbibe human values among the students through various activities.
- To inculcate the scientific temper among the students.
- To enhance job potential of students through various activities like soft skills development, communication skills development, skill based add-on short-term courses, experiential learning etc.
- To make students techno-savvy by enabling them to use the upcoming technology like computer, internet, various softwares in chemistry, cyber security etc.
- To make students self-sufficient to protect themselves and others through Yoga, Karate, etc. training and organizing awareness camps.
- To develop social attitude among students.
- To inculcate patriotism among students.
- To inculcate environmental consciousness among students.

Goals :

- To make the college culturally rich, academically excellent and competitive in sports
- To build up responsible and humanistic citizenship.
- To generate and disseminate the knowledge through teaching and research.
- To create best learning atmosphere by practicing the innovative ideas.
- To provide the life skills to students to make them eligible for employment.

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Eligibility :

B.Sc. : Students who have passed 12 th Science (open -50%,other-45%) are eligible to take admission in F.Y.B.Sc.

M.Sc. : Students who have passed T.Y.B.Sc. (Chemistry) are eligible to take admission F.Y.M.Sc.

Intake Capacity :

B.Sc. : 120 Seats. **M.Sc. :** 60 Seats.

Fees and deposits :

The Fees will be charged as per S.N.D.T. Women's University Mumbai fees Structure.

PROCEDURE FOR ADMISSION TO B.Sc. & M.Sc. PROGRAMS :

Admission is granted on merit basis and in strict accordance with the norms laid down by the S.N.D.T. Women's University Mumbai , Govt. of Maharashtra & Shriram Mahila Vidnyan Mahavidyalaya, Paniv and schedule will be notified on the College Notice Board.

- i. Admission starts immediately after the declaration of results of the H.S.C. Board for F.Y. B.Sc.
- ii. Admission starts immediately after the declaration of results of the T.Y. B.Sc. (Chemistry) for F.Y. M.Sc.
- iii. Preference will be given to the Backward Class Students.

*** Student Seeking admission to any class are required to apply in a prescribed form available in the college office.**

- i. All entries in the Admission Form must be filled correctly. In case of wrong or incomplete information, admission is liable to be cancelled and fees forfeited.
- ii. All admissions will be valid only for one academic year and requires renewal for each subsequent year.
- iii. Students who misbehave and have serious complaints of indiscipline against them during the year will not be admitted to the College, for the subsequent year.

*** Application and Documents Required :**

The Students are expected to complete the admission formalities by attaching the following documents to the admission form at the time of admission, failing which their claim for admission will stand cancelled.

Documents Required For B.Sc.

- i.S.S.C. Marksheet.
- ii.S.S.C. Board Certificate.
- iii.H.S.C. Marksheet.
- iv.School Leaving Certificate.
- v.Caste Certificate for Verification.
- vi.Two recent passport size photographs.
- vii.Aadhar card photocopy

Documents Required For M.Sc.

- i. T.Y.B.Sc.(Chemistry) Marksheet.
- ii.Transfer / Migration Certificate.
- iii.Caste Certificate for Verification.
- iv.Two recent passport size photographs.
- v. Aadhar card photocopy

Documents Required for Scholarship For B.Sc. & M.Sc.

- 1) Caste Certificate
- 2) Income Certificate issued by Tehacildar
- 3) Domicile Certificate
- 4) Ration Card Xerox
- 5) Aadhar linked Bank Account / Post Office IPPB Account

Rules About Examination:-

- 1) There must be minimum 80 % attendance of student for theory lectures and practicals otherwise the students will not be eligible for college or University examination
- 2) College Examinations will be taken on 132 credits for B.Sc. & 88 credits for M.Sc.
- 3) There will be the same weightage of marks for Sem-I & Sem-II of B.Sc. also Sem-I & Sem-II of M.Sc.
- 4) The progress of the students will be shown in 10 grade point scale.

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Ten Point Scale For B.Sc. & M.Sc.

Marks	Grade	Grade Point	Percent Equivalent	Marks-Grade Point Distribution for Individual Subjects			
90-100	O+	10	90-100	90 to 100-10			
80-89.99	O	9 to 9.99	80-89.99	80-9.00 81-9.10 81-9.20	83-9.30 84-9.40 85-9.50	86-9.60 87-9.70 88-9.80	89-9.90
70-79.99	A +	8 to 8.99	70-79.99	70 - 8.00 71 - 8.10 72 - 8.20	73 - 8.30 74 - 8.40 75 - 8.50	76 - 8.60 77 - 8.70 78 - 8.80	79 - 8.90
60-69.99	A	7 to 7.99	60-69.99	60 - 7.00 61 - 7.10 62 - 7.20	63 - 7.30 64 - 7.40 65 - 7.50	66 - 7.60 67 - 7.70 68 - 7.80	69 - 7.90
50-59.99	B+	6 to 6.99	50-59.99	55 - 6.00 56 - 6.20	57 - 6.40	58 - 6.60	59 - 6.80
50-54.99	B	5.50 to 5.99	50-54.99	50 - 5.50 51 - 5.60	52 - 5.70	53 - 5.80	54 - 5.90
45-49.99	C	5.50 to 5.49	45-49.99	45 - 5.00 46 - 5.10	47 - 5.20	48 - 5.30	49 - 5.40
40-44.99	P	4 to 4.499	40-44.99	40 - 4.00 41 - 4.20	42 - 4.40	43 - 4.60	44- 4.80
<=39	F	0 to 3.99	<=39	0 to 3.99-0.00			
AB	AB	0	0				

Passing Standard:-

Minimum 40 % Marks are required for passing in Internal and External examinations separately in each subject for B.Sc. & 50 % Marks for M.Sc.

Master of Science (M.Sc.) Syllabus as Per NEP 2020 TOTAL CREDIT 88

Semester - I

No.	Subject	Credit
1	Analytical Chemistry - I (TH)	4
2	Food & Biochemical Analysis (TH)	4
3	Practical Analytical Chemistry	4
4	Practical Food & Biochemical Analysis	2
5	Drug laws and Packaging (TH)	4
6	Research Methodology (TH)	4
Total		22

Semester - II

No.	Subject	Credit
1	Analytical Chemistry - II (TH)	4
2	Cosmetics Formulation & Q.C. (TH)	4
3	Environmental Science (TH)	4
4	Practical Analytical Chemistry - II	2
5	Pharmaceutical Analysis (TH)	4
6	Practical Pharmaceutical Analysis	4
Total		22

Semester - III

No.	Subject	Credit
1	Advanced Chromatography & Spectroscopic Method(TH)	4
2	Organic Analysis (TH)	4
3	Microbiological Methods of Analysis (TH)	4
4	Practical Organic Analysis	3
5	Medicinal Chemistry (TH)	4
6	Practical Advanced Spectroscopic Methods	3
Total		22

Semester - IV

No.	Subject	Credit
1	Advanced Analytical Techniques (TH)	4
2	Practical Advanced Analytical Techniques	4
3	In-Plant Training	5
4	Advance Environmental Science	4
5	Research Projects	5
Total		22

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Bachelor of Science (B.Sc.) Syllabus

Semester - I (NEP 2020)

No.	Subject	Credit
1	Departmental Specific Core (DSC)-I	4
2	Departmental Specific Core (DSC)-II	4
3	Departmental Specific Core (DSC)-III	4
4	Open Elective (OE)	2
5	Skill Enhancement Course (SEC)	2
6	Ability Enhancement Course (AEC)	2
7	Indian Knowledge System (IKS)	2
8	Co-Curricular Course (CC)	2
	Total	22

Semester - II (NEP 2020)

No.	Subject	Credit
1	Departmental Specific Core (DSC)-I	4
2	Departmental Specific Core (DSC)-II	4
3	Departmental Specific Core (DSC)-III	4
4	Open Elective (OE)	2
5	Skill Enhancement Course (SEC)	2
6	Ability Enhancement Course (AEC)	2
7	Value Education Course (VEC)	2
8	Co-Curricular Course (CC)	2
	Total	22

Semester - III (Old Pattern)

No.	Subject	Credit
1	Women's Issue –II	2
2	Organic Chemistry (TH)	3
3	Physical Chemistry (TH)	3
4	Physical & Organic Chemistry (PR)	3
5	Zoology-I (TH) / Botany-I (TH)	3
6	Zoology-II (TH) / Botany-II (TH)	3
7	Zoology-III (PR)/ Botany-III (PR)	3
	Total	20

Semester - IV (Old Pattern)

No.	Subject	Credit
1	English–I	2
2	Inorganic Chemistry (TH)	3
3	Physical Chemistry (TH)	3
4	Physical & Inorganic Chemistry (PR)	3
5	Zoology-I (TH)/ Botany-I (TH)	3
6	Zoology-II (TH)/ Botany-II (TH)	3
7	Zoology-III (PR)/ Botany-III (PR)	3
	Total	20

Semester - V (Old Pattern)

No.	Subject	Credit
1	English–II	2
2	Physical Chemistry (TH)	3
3	Organic Chemistry (TH)	3
4	Inorganic Chemistry (TH)	3
5	Analytical Chemistry (TH)	3
6	Physical & Organic Chemistry (PR)	3
7	Inorganic & Analytical Chemistry (PR)	3
	Total	20

Semester - VI (Old Pattern)

No.	Subject	Credit
1	English–III	2
2	Physical Chemistry (TH)	3
3	Organic Chemistry (TH)	3
4	Inorganic Chemistry (TH)	3
5	Analytical Chemistry (TH)	3
6	Physical & Organic Chemistry (PR)	3
7	Inorganic & Analytical Chemistry (PR)	3
	Total	20









Note :

- 1) I am aware that the Management's decision will not be challenged in any area of Indian jurisdiction. I will abide by Maharashtra Prohibition Ragging Act, 1999
- 2) I am aware that Meditation is compulsory in the Institute.
- 3) If on a two wheeler I am aware that helmet is compulsory being a student of this Institute.


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OUR PRIDE

Toppers in University Examination (2023-24)

Sr. No.	Name of Student	Class	Rank	Percentage
1	 Miss. Hanpude Balika Dhanaji	B.Sc. I	I st	93.70%
2	 Miss. Bhange Bhakti Vijay	B.Sc. I	II nd	92.50%
3	 Miss. Game Prajakta Mahadev	B.Sc. I	II nd	92.50%
4	 Miss. Wagh Varsharani Sanjay	B.Sc. I	III rd	89.70%
5	 Miss. Shende Swapnali Santosh	B.Sc. II	I st	83.00%
6	 Miss. Mutkule Pooja Ramchandra	B.Sc. II	II nd	81.80%
7	 Miss. Bobade Tejashree Vitthal	B.Sc. II	III rd	81.30%
8	 Miss. Bankar Priti Tanaji	B.Sc. III	I st	81.20%

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Sr. No.	Name of Student	Class	Rank	Percentage
9	 Miss. Pise Vidya Dilip	B.Sc. III	II nd	80.20%
10	 Miss. Kurule Chaitali Ramkrushna	B.Sc. III	III rd	78.40%
11	 Miss. Khatake Komal Dhanaji	M.Sc. I	I st	85.17%
12	 Miss. Khatake Jyoti Shahaji	M.Sc. I	II nd	82.17%
13	 Miss. Thaware Ankita Eknath	M.Sc. I	III rd	79.17%
14	 Miss. Ekatpure Amruta Dipak	M.Sc. II	I st (Gold Medal)	87.83%
15	 Miss. Chopde Vedika Vishnu	M.Sc. II	I st	87.83%
16	 Miss. Baraskar Priti Laxman	M.Sc. II	II nd	87.50%
17	 Miss. More Swapnali Muktichand	M.Sc. II	III rd	83.33%

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NAAC Visit Snapshots



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Experiential Learning

Excursion Tours



Forest Research Center, Gureghar (Mahabaleshwar)



K.V.K., Baramati



Sonai Dairy, Indapur



Insta Vision Laboratory, Satara



Aarogyam Water Industry, Akulj



Mapro Garden, Mahabaleshwar

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College Activities



Guest Lecture on Preparation of MPSC / UPSC Exam



Books Exhibition



Guest Lecture on Conceptions & Misconceptions about Snake



Chief Guest DYSP Dr. Sai Bhore-Patil on Occasion of Welcome Function



Guest Lecture on career opportunities after B.Sc. on occasion of National Science day



Yoga and Meditation



Chief Guest Dr. Revati Rane (Gynecologist) on occasion of World Women's day



" My Mother in My College " Activity (Parent Meet)

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Achievements



Miss. Amruta D. Ekatpure got 1st Prize with Gold Medal in M.Sc. (Analytical Chemistry) at University Level



Miss. Aiswarya R. Karade got 1st Prize In Essay Writing Competition at University Level



Miss. Bhakti S. Pawar got Gold Medal in Wrestling at University Level



Miss. Anushri D. Babar got Gold Medal in Wrestling at University Level



Miss. Komal S. Waghmode got Gold Medal in High Jump at University Level



Miss. Tejaswini N. Sontakke got Bronze Medal in Wrestling at University Level

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Salient Features of College :

1. Vision to empower women through quality science education.
2. Safe and secure campus for girls
3. Conducive learning ambience.
4. State of the art infrastructure.
5. Biometric attendance system for staff and students.
6. Adaptation of emerging technology in teaching, learning, evaluation and research.
7. Dedicated and experienced teachers.
8. Ample cultural and sport activities to develop personality.
9. Short term skill based courses to enhance job potential/employability of students.
10. Exposure to experiential learning through industrial visit, field visit, excursion tours, research projects and internship.
11. Career counselling and guidance for competitive examinations.
12. More than 95% students get benefit of scholarships.
13. Encouragement prize of Rs. 5000/- to student who obtains gold medal in university Examination.
14. Supportive management.

Committees for decentralisation of power and smooth functioning of college :

1. Admission Committee
2. Examination Committee
3. Discipline Committee
4. Student Grievance Redressal Committee
5. Internal Compliance Committee
6. Anti Ragging Committee
7. Scholarship Management Committee
8. Cultural and Sports Committee
9. IQAC

Anti Ragging Act :

According to Maharashtra Prohibition of Ragging Act 1999, "Ragging" is defined as: display of disorderly conduct, doing of any act which causes or is likely to cause physical or psychological harm or raise apprehension or fear or shame or embarrassment to a student in any educational institution and includes

- * Teasing, abusing, threatening or playing practical jokes on, or causing hurt to, such student;
- * Asking a student to do any act or perform something which such student will not, in the ordinary course, willingly, do.

If anyone is found doing this, the following punishment will be taken against concerned student:

- * Suspension from attending classes and academic privileges.
- * Withdrawing/withholding Scholarship/fellowship and other benefits.
- * Debarring from appearing in any test/Examinations or other evaluation process.
- * Withholding Results.
- * Suspension / Expulsion from the hostel.

Right To Information (RTI) :

Information about the college can be sought from the Assistant Public Information Officer, Public Information officer and Appellate Officer.

Sr.No.	Name of Post	Name of Officer	Designation	Contact No.
1	Asst.Public Information Officer	Mr. Samadhan Hari Kodag	Office Superintendent	9730019408
2	Public Information Officer	Mr. Abhijeet Macchindra Babar	Assistant Professor	9545243000
3	Appellate Officer	Dr. Madhusudan Trimbak Bachute	Principal	8888531274

NSS



Janjagruti Rally



Aadhar card updation Campaign



Information given to villagers about various Government schemes



NSS Special Residential Camp at Nikamwadi, Khudus

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Facilities :-

Laboratories

The Institute has spacious, well equipped and well maintained four laboratories for Chemistry, Botany, Zoology & Analytical Chemistry. Modern equipments, instruments, chemicals, specimen jars & all other necessary facilities are available.

Library

The Library of Shriram Mahila Vidnyan Mahavidyalaya, Paniv is located in Annex building. It is well-furnished, spacious and well ventilated. Students have access to over 1500+ printed books of all subjects, Magazines, Journals, Project Reports and Newspapers. Working hours of the library : Monday to Saturday 09:15 am to 04.30 pm. A well-furnished reading hall having seating capacity of 50 students is available. Library has subscribed Marathi and English newspapers so that students can read as per their comfort. College library provides syllabus and question papers of past-examinations of all subjects. College has provided separate two computers to library with 100 mbps internet connectivity. 15 computers are there in computer lab for students use.

Hostels :-

There are two girls' hostels. After taking admission, college students are admitted in hostel for accommodation. Mrs. Suman Patil Girls Hostel is built through CSR fund. Both hostels are facilitated with telephone, special doctor appointed for health care, first aid, RO water facility, coffee & tea and hot water, mess with dining hall, study hall, washrooms, sanitary napkins vending machine, Wi-Fi, high speed internet & recreation facilities. For security purpose CCTV cameras & one male security guard at main entrance are deployed. Female rector looks after discipline and welfare for girls..

A. Mrs. Ujwalatai Shinde Girls Hostel: (Number of rooms 44, Capacity of students 250) In-room Amenities

- * One Bed per Student
- * Fully furnished with beds and mattress
- * Individual lockable almirahs for storage
- * Geysers in washrooms
- * Study tables & Dressing Mirror
- * Tube lights & LED bulbs
- * Dust Bin in each room

B. Mrs. Suman Patil Girls Hostel (Number of rooms 54, Capacity of students 208) In-room Amenities

- * One Bed per Student
- * Fully furnished AC rooms with beds and mattress
- * Individual lockable almirahs for storage
- * Study tables & Dressing Mirror
- * Tube lights & LED bulbs
- * Dust Bin in each room

Transportation :-

Transportation facility at affordable rate is available for students coming from nearby villages. This service is offered to ensure a hassle-free and safe transportation. Safety of girl students is our prime concern. Transport facility is provided to students for industrial visits, field visits and excursion tours also. Discipline of the transportation is maintained by the bus department. Well experienced drivers are appointed.

Biometric Attendance :-

Biometric attendance is mandatory for students after entering and exiting the college for the safety purpose.



For more details contact us : 7262977055, 9545243000, 9921864464, 8408976000

Art Gallery



For more details contact us : 7262977055, 9545243000, 9921864464, 8408976000

Cultural Events



For more details contact us : 7262977055, 9545243000, 9921864464, 8408976000