



PROSPECTUS



SRI SATHYA SAI LOKA SEVA BOYS' HOSTEL, ALIKE



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www.alikeonline.org

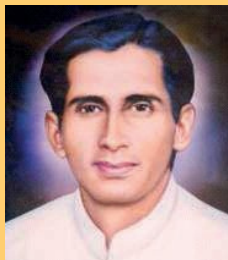


During Bhagavan's visit on 31st Jan, 2001, one of the golden moments was Swami blessing Shri U Gangadhar Bhat.

The end of education is character



Our Inspiration



Late Madiyala Narayana Bhat

For the attention of parents

The parents are requested to go through the prospectus thoroughly. Please submit the application only if you are willing to accept the rules and regulations. Once the child is admitted, it is presumed that the parents and the child have no objection to abide by the said rules.

All the details given in the prospectus are related to the hostel admission only and not in any way applicable to the child's admission to school or college. The Principal / the Headmaster will admit the child by following the existing rules framed by the Department of Education from time to time.

Introduction

Sri Sathya Sai Loka Seva Educational Institutions are established by the divine blessings of Bhagawan Sri Sathya Sai Baba as well as the missionary zeal of Late Rev. Madiyala Narayana Bhat, the founder president of the institutions.

For more than five decades, the institutions have grown into various branches known to impart **value based education**. The cluster of schools run by the trust at present include a fully residential CBSE School (class VI to X), a high school and a pre university colleges affiliated to Karnataka State board with hostel facilities for boys. The hostels are run by Sri Sathya Sai Loka Seva Sangha (R), Alike. These hostels function according to the foundation of the **ancient 'Gurukula' system** of education with **modern academic facilities**. The main aim of the Institutions is to foster Indian culture and tradition in the minds of children along with scholastics.

The Institution is located at Alike village, 6 kms away from Vittal town, in Dakshina Kannada district. It is surrounded by magnificent green hills with beautiful scenery and situated far away from the distractions of cities. The serene environment of the institution provides a conducive and favourable atmosphere for the students to pursue their studies.



Some unique features of the institution

- The motto of the institution is Atma Kalyana and Loka Kalyana. To attain this goal, education is imparted based on five fundamental universal human values - Sathya, Dharma, Shanthi, Prema and Ahimsa.
- All important national and religious festivals, birthdays of great saints, patriots and religious leaders are celebrated.
- Faith in the fatherhood of God and brotherhood of man is instilled through moral classes, prayers, bhajans, stories and parables drawn from different religions of the world.
- The students are taught to be self-reliant, active and practical, and are encouraged to develop a sense of social obligation and service-mindedness.
- The students are provided with a homely atmosphere.



Spiritual practice goes hand-in-hand with academic excellence

Classes for admission

VI and VIII Standard CBSE

VIII standard State Syllabus (Kannada & English medium)

I PUC: State Pattern - Pre University College

- Arts: History, Economics, Sociology, and Political Science (HESP)
- Commerce:
 - History, Economics, Business Studies, Accountancy (HEBA)
 - Basic Mathematics, Statistics, Business Studies, Accountancy (BSBA)
 - Basic Mathematics, Economics, Business Studies, Accountancy (BEBA)
- Science:
 - Physics, Chemistry, Mathematics, Biology (PCMB)
 - Physics, Chemistry, Mathematics, Computer Science (PCMC)

Students will not be allowed readmission to the same class, even if their parents are willing.



Sri Sathya Sai Loka Seva Vidya Kendra, Alike (CBSE)



All-round development of body, mind and soul

Admission guidelines

- Those who wish to seek admission to above mentioned classes should apply through our website www.alikeonline.org
- After receiving the applications, aspirants who meet the basic eligibility criteria will be invited to appear for the **entrance test followed by an interview**. The results of the same and further details of the process can be checked within a week after the entrance test on our website: www.alikeonline.org

Points to Note:

- The hostels are being run only for **boys**.
- We have decided to consider the students only from nearby places **for 6th standard** (within 350 k.m. from the campus.)
- There will be an extra 5% weightage for Sri Sathya Sai Balavikasa students and those who have special talent in music, dance, drama, yakshagana etc.
- Students need to bring the print out of downloaded application form, copy of Aadhaar and copy of SA-1/Mid-term marks card when they arrive for the Entrance test and interview.
- Students can appear for the written tests even though the results of their annual examinations are not announced.

Influence or pressure of any kind, through any authorities, will lead to negative marks to aspiring students.



Boys Hostel (PU College)

Rules for admission

- All necessary documents such as transfer certificate, aadhar card, caste certificate (if applicable) must be presented at the time of admission.
- Hostel admission will not be provided in the following circumstances.
 - If the students needs to go far off places for medical treatment, takes leave for festivals, poojas, felicitations, family tours, other examinations, etc.
 - If the student is suffering from severe physical or mental illnesses, such as chronic diseases, heart conditions, epilepsy, depression, etc.
- Upon admission to the hostel, parents are required to provide necessary information to the warden like previous serious medical treatments, continuation of treatment, vision-related issues, hearing problems, etc.
- The documents related to any earlier medical treatment should be handed over to the Warden / the Health Supervisor of the hostel.
- Fees once paid will not be refunded for any reason; including withdrawal from the hostel or dismissal from the hostel at any time during the academic year. This will also apply in cases of expulsion.
- Admission to the hostel is granted for one year only. Renewal for subsequent years will depend on the student's conduct during the previous year.



Facilities available in the campus

- The hostel has a spacious dinning hall where a well-balanced, nutritious, purely vegetarian food is served.
- Well lit classrooms are provided for studies - supervised by faculty members.
- The campus has vast playgrounds, stationery stores, a canteen, laundry facilities, a salon, a printing press, a branch of State Bank of India (SBI), a post office, photocopy centre, and Sri Sathya Sai General Hospital. Everything necessary for the children is available within the campus.
- There are well-equipped laboratories and the classrooms are fitted with LCD projectors for enhanced audio-visual learning experiences.
- The students will be given telephone facility to keep in touch with their parents.
- In addition to the regular academic classes, special paid coaching sessions will be offered for competitive exams like CET, NEET and JEE for both I PUC & II PUC Science students.
- These sessions are conducted on every Saturday afternoon, Sundays, and other holidays, by highly qualified and experienced lecturers.
- Furthermore, coaching for the CA Foundation and various other competitive exams will be provided specifically for II PUC Commerce and Arts students.
- Vidyadeepa Skill Academy LLP is responsible for conducting these coaching classes, which will be exclusively held at Alike for Alike students.



Computer Lab

Co-curricular activities

Students can engage in various activities for their overall personality development, such as wall magazine, debates, chintana, quiz, painting, veda classes, geetha recitation, cultural activities, and band-set performances. Moreover, special classes in classical music, tabla, dance, drama, yakshagana, and computer science are offered for interested students upon payment of a fixed annual fee. Various sports including football, volleyball, handball, basketball, badminton, cricket, table tennis, physical exercise, multigym, swimming, and yoga are encouraged to promote physical fitness and mental well-being.



Central Library

Disciplinary regulations

- Discipline holds utmost significance within the campus premises.
- All students are required to wake up at 4:55 AM, and participate wholeheartedly and punctually in the group prayers and other scheduled activities for the day.
- On designated days, students must wear the prescribed white uniform. Additionally, specific uniforms for yoga, sports, and games are mandatory.
- Maintaining absolute cleanliness and tidiness in hostel rooms, study areas, and throughout the campus is expected from all students.
- Lights will be turned off precisely at 9:55 PM after the general prayer. Following the prayer, everyone is expected to retire to bed. Students are permitted to rise even before 4.55 AM for studies, if necessary.
- Loud voices and idle chatting are strictly prohibited. Complete silence must be observed in prayer sessions, dining hall, study hours and during public programmes.
- Students are not permitted to grow moustaches and beards, nor wear flashy or extravagant clothing, multi coloured lungis, bangles, bracelets, or gaudy garments. Simple and decent attire is mandatory for all students.



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Disciplinary regulations

- Students are prohibited from bringing books, newspapers, magazines, or any other publications considered unnecessary or potentially harmful by the authorities.
- Electronic devices such as radios, mobile phones, cameras, iPods, pen drives, smartwatches, etc. are not allowed.
- Smoking, drinking, gambling, and consuming non-vegetarian food, including eggs, are strictly forbidden. Chewing gum or any other such items are not allowed in the premises.
- Students are not permitted to keep more than Rs.100/- with them. Any additional amount should be deposited in a bank account opened in their name or in hostel special account. They may withdraw money from this account when needed.
- Monetary transactions among students are strictly prohibited.
- Any student who damages the institution's assets or property will face penalties.
- Driving motor vehicles within the campus is not allowed for students.
- Students are expected to stay in the rooms assigned to them and not allowed to enter any other rooms.
- Letters/parcels addressed to students are subject to inspection. Sending food items through post or courier is not allowed.
- Students are expected to develop humility and respect for all elders, teachers, and staff.
- Students found breaking the aforementioned rules will face disciplinary actions, including expulsion from the hostel.



Boys Hostel (Balakuteera - State Syllabus)

Instructions to parents

- Parents or relatives are requested to avoid visiting their ward within the first month after admission. They should visit their ward only on designated Sundays. During the visit, taking the student off-campus or entering classrooms/living areas is not allowed. Please note that frequent visits may disturb the student's progress and his adjustment to hostel life.
- Parents are requested not to visit the campus under the influence of alcohol and to refrain from smoking while on the premises.
- During prayer or events, parents are asked not to keep their children with themselves.
- Parents are requested to bring only fruits and sweets for their ward and refrain from sitting separately with him outside the dining hall and sharing brought food.
- Participation in prescribed educational / spiritual camps, festive celebrations and festivals is an important part of the institution's policy to promote unity among students.
- Students are allowed to visit home only during mid-term holidays and summer vacation. Parents should refrain from requesting leaves for festivals, poojas, felicitations, tours, marriage functions of relatives (except for their own siblings' weddings), or housewarming ceremonies not pertaining to their own house, etc.
- Parents are welcome to visit the campus on working days with prior permission to discuss their ward's progress with teachers.
- Medical treatment will be provided to the children at the Warden's discretion. Please note that additional expenses, if any, would be borne by the parents.

Pre University College



Instructions to parents

- We request parents to support a positive relationship between students and staff. Please avoid saying anything that might harm the institution's or staff members' reputation.
- Please note that the institution cannot be held responsible if a student leaves the campus without permission.
- Students can contact parents through designated mobile numbers (for 15 minutes per week). They are not allowed to use visitors' mobile phones other than those belonging to their own parents.
- Accommodation for parents/guardians is not available in the campus.
- To maintain the respectful environment of the campus, parents/guardians and visitors are requested to dress appropriately.
- While children are at home during vacation, we request parents to encourage the good habits learned at the hostel/ the school.
- The boarding fees, to be paid in advance by each student residing in the hostel towards boarding expenses is displayed on the website.
- Total expenses will be assessed at the end of the academic year and if it falls short of the initial amount, the same will be borne by the parents.
- Please note that this fee does not include personal expenses, the school fees, books, uniforms, stationery, medicine, tour and other contingencies. The same will be communicated separately.
- Those who are selected will have to pay the boarding fees in one instalment immediately after the announcement of the entrance tests result to reserve the seat. In case the students fail to join the hostel for any reason, the amount paid in advance will not be refunded.



Daily routine in the hostel

4:55 to 5:20 AM: Getting up & ablution

5:20 to 5:30 AM: Sri Sathya Sai Ashtothara Shathanama

5:30 to 5:45 AM: Omkara and Suprabhatha

5:45 to 6:05 AM: Yogasana/Physical exercise

6:10 to 8:10 AM: Study and bath in batches

7:45 to 9:00 AM: Breakfast and morning routine

9:00 to 9:25 AM: Morning prayer

Morning Classes: As per the timetable at each institution

12:30 to 1:00 PM: Lunch: (for high school and vidyakendra)

1:15 to 1:45 PM: Lunch (for PUC)

Afternoon Classes: As per the timetable at each institution

4:25 to 4:40 PM: Evening tiffin

4:45 to 5:45 PM: Games

6:05 to 6:40 PM: Evening prayer & chintana

6:45 to 9:45 PM: Study & supper (in batches)

9:55 PM: Recorded prayer and rest



Sri Sathya Sai Loka Seva High School, Balakuteera

Syllabus for entrance examination - Class VI

TOTAL DURATION OF THE EXAM: 100 MINUTES

ENGLISH (Marks: 20)

1. Parts of speech (noun, verb, adjective, adverb, preposition, relative pronoun)
2. Spelling letters
3. Tenses: Simple Present, Simple past
4. Rhyming words
5. Opposites
6. Degrees of Comparison
7. Numbers
8. Articles
9. General questions
10. Paragraph writing
11. Letter writing (Informal)
12. Comprehension
(Questions on unseen passage)

ಕನ್ನಡ (ಅಂಕಗಳು: 20)

1. ಕನ್ನಡ ಅಕ್ಷರಮಾಲೆ.
2. ಪದಗಳನ್ನು ಕೂಡಿಸಿ ಮತ್ತು ಬಿಡಿಸಿ ಬರೆಯುವುದು.
3. ಸಮಾನಾರ್ಥಕ, ನಾನಾರ್ಥಕ ಮತ್ತು ವಿರೋಧ ಪದಗಳು.
4. ವಚನ, ಲಿಂಗ ಮತ್ತು ವಿಭಕ್ತಿ ಪ್ರತ್ಯಯಗಳು.
5. ಸಜಾತೀಯ ಮತ್ತು ವಿಜಾತೀಯ ಸಂಯುಕ್ತಾಕ್ಷರಗಳು.
6. ವಾಕ್ಯರಚನೆ.
7. ಸಂಧಿಗಳು - ಲೋಪ, ಆಗಮ ಮತ್ತು ಆದೇಶ.
8. ಕಾಲಗಳ ಪರಿಚಯ.
9. ನಾಮಪದ, ಕ್ರಿಯಾಪದ ಮತ್ತು ವಿಶೇಷಣಗಳು.
10. ಒಗಟುಗಳು ಮತ್ತು ಗಾದೆಗಳು.
11. ಲೇಖನ ಚಿಹ್ನೆಗಳು.
12. ಪತ್ರಲೇಖನ.
13. ಮೌಲ್ಯಾಧಾರಿತ ಪ್ರಶ್ನೆಗಳು

MATHEMATICS (Marks: 20)

(Geometry box is not required)

1. Whole Numbers
2. Fractions
3. Decimals
4. Weight & Volume
5. Factors & Multiples
6. Angles & Types of angles
7. Perimeter & Area
8. Circles
9. Mental ability
10. Value based questions

- ಪೂರ್ಣಸಂಖ್ಯೆಗಳು.
ಭಿನ್ನರಾಶಿ.
ದಶಮಾಂಶ ಭಿನ್ನರಾಶಿಗಳು.
ತೂಕ ಮತ್ತು ಗಾತ್ರ.
ಅಪವರ್ತನಗಳು ಮತ್ತು ಅಪವರ್ತಕಗಳು.
ಕೋನಗಳು ಮತ್ತು ಕೋನಗಳ ವಿಧಗಳು.
ಸುತ್ತಳತೆ ಮತ್ತು ವಿಸ್ತೀರ್ಣ.
ವೃತ್ತಗಳು.
ಮಾನಸಿಕ ಸಾಮರ್ಥ್ಯ.
ಮೌಲ್ಯಾಧಾರಿತ ಪ್ರಶ್ನೆಗಳು.

SCIENCE (Marks: 20)

1. Food and health
2. Water and Forest
3. Shelter
4. Energy and Fuels
5. Our Earth and space
6. Sense organs in Animals
7. Motion and Work
8. Natural calamities

- ಆಹಾರ ಮತ್ತು ಆರೋಗ್ಯ
ನೀರು ಮತ್ತು ಅರಣ್ಯ
ಆಶ್ರಯ
ಶಕ್ತಿ ಮತ್ತು ಇಂಧನಗಳು
ನಮ್ಮ ಭೂಮಿ ಮತ್ತು ಬಾಹ್ಯಾಕಾಶ
ಪ್ರಾಣಿಗಳಲ್ಲಿ ಇಂದ್ರಿಯ ಅಂಗಗಳು
ಚಲನೆ ಮತ್ತು ಕೆಲಸ
ನೈಸರ್ಗಿಕ ವಿಕೋಪಗಳು



"The end of wisdom is freedom. The end of culture is perfection. The end of knowledge is love. The end of education is character."

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Sri Sathya Sai Baba



Syllabus for entrance examination - Class VIII

TOTAL DURATION OF THE EXAM: 120 MINUTES

Class 8th State Pattern: Kannada, English, Hindi, Mathematics, Science

Class 8th CBSE Pattern: Kannada OR Sanskrit, English, Hindi, Mathematics, Science

ENGLISH (Marks: 20)

1. Question formation
2. Tenses.
3. Parts of speech.
4. Re-arranging the jumbled letters to form meaningful words.
5. Numbers.
6. Kinds of sentences.
7. Genders.
8. Prefixes and suffixes.
9. Unseen passage (comprehension)
10. Paragraph writing.
11. Letter writing.
12. Active voice and Passive voice.

ಕನ್ನಡ (ಅಂಕಗಳು: 15)

1. ಕನ್ನಡ ವರ್ಣಮಾಲೆ.
2. ಪದಗಳ ಅರ್ಥ, ಲೇಖನ ಚಿಹ್ನೆಗಳು, ಕಾಲ, ಲಿಂಗ, ವಚನ, ಪ್ರಾಸ, ವಿಭಕ್ತಿ, ಕ್ರಿಯಾಪದ, ಅನ್ಯದೇಶ ಪದ, ತತ್ಸಮ-ತದ್ಭವ ಪದಗಳು.
3. ಸಂಧಿಗಳು - ಕನ್ನಡ ಸಂಧಿಗಳು ಮತ್ತು ಸಂಸ್ಕೃತ ಸಂಧಿಗಳು.
4. ಸಮಾಸಗಳು.
5. ನುಡಿಗಟ್ಟುಗಳು, ಗಾದೆಮಾತುಗಳು.
6. ಕನ್ನಡದ ಸಾಮಾನ್ಯ ಜ್ಞಾನ.
7. ವಿಶೇಷಣಗಳು.
8. ವಾಕ್ಯರಚನೆ.
9. ಕನ್ನಡ ಕವಿಗಳು.
10. ಪತ್ರಲೇಖನ - ಔಪಚಾರಿಕ, ಅನೌಪಚಾರಿಕ, ರಜೆ ಅರ್ಜಿ.
11. ಪ್ರಬಂಧ.
12. ಮೌಲ್ಯಾಧಾರಿತ ಪ್ರಶ್ನೆಗಳು.

HINDI (Marks: 15)

I. व्याकरण: -

1. संज्ञा
2. सर्वनाम
3. क्रिया
4. प्रेरणार्थक क्रिया
5. वचन
6. पर्यायवाची शब्द
7. काल
8. विशेषण
9. लिंग
10. विलोम शब्द

II. वाक्यों में प्रयोग करना

III. अनुवाद

(मातृभाषा से हिन्दी में/हिन्दी से मातृभाषा में)

IV. निबंध

V. एक से सौ तक गिनती

VI. कुछ सामान्य प्रश्न

SANSKRIT (Marks: 15)

1. वर्णमाला , वर्णविन्यास: चा
2. विलोम शब्द:, लिङ्ग, वचन विषय ज्ञानम्।
3. सामान्य शब्दानाम् अर्थाः।
4. वाक्य निर्माणम्।
5. संख्यावाचकाः - पञ्चाशत् पर्यन्तम्
6. लकाराः - लट्, लङ्, लृट् ।
7. शब्द रूपाणि - राम, रमा, फल
8. सर्वनाम शब्दाः - तद्-त्रिषु लिङ्गेषु, अस्मद् , युष्मद्
9. सामान्य प्रश्नाः।

Syllabus for entrance examination - Class VIII

Class 8th State Pattern: Kannada, English, Hindi, Mathematics, Science

Class 8th CBSE Pattern: Kannada OR Sanskrit, English, Hindi, Mathematics, Science

MATHEMATICS (Marks: 25) (Geometry box is not required)

- | | |
|--|----------------------------------|
| 1. Fractions and decimals | ಭಿನ್ನರಾಶಿ ಮತ್ತು ದಶಮಾಂಶಗಳು. |
| 2. Simple equations | ಸರಳ ರೇಖೀಯ ಸಮೀಕರಣಗಳು. |
| 3. Mean, Median and Mode | ಸರಾಸರಿ, ಮಧ್ಯಾಂಕ ಮತ್ತು ರೂಢಿಬೆಲೆ. |
| 4. Comparing quantities and Percentage | ಪರಿಮಾಣಗಳ ಹೋಲಿಕೆ ಮತ್ತು ಶೇಖಡಾ ಕ್ರಮ |
| 5. Rational numbers | ಭಾಗಲಬ್ಧ ಸಂಖ್ಯೆಗಳು. |
| 6. Mensuration | ಕ್ಷೇತ್ರ ಗಣಿತ. |
| 7. Integers | ಪೂರ್ಣಾಂಕಗಳು. |
| 8. Exponents and Powers | ಘಾತಾಂಕಗಳು. |
| 9. Triangles and its properties | ತ್ರಿಕೋನಗಳು ಹಾಗೂ ಅದರ ಗುಣಲಕ್ಷಣಗಳು |
| 10. Perimeter and Area | ಸುತ್ತಳತೆ ಹಾಗೂ ವಿಸ್ತೀರ್ಣ |
| 11. Algebraic Expressions | ಬೀಜಗಣಿತದ ಅಭಿವ್ಯಕ್ತಿಗಳು |

SCIENCE (Marks: 25)

1. Heat: Sources of heat, Temperature, Measurement of temperature and types of thermometer.
2. Acids, Bases and Salts: Meaning of acids and Bases, Types of acids, properties of acids and Bases and Indicators.
3. Light: Luminous and non-luminous bodies, Reflection of light, spherical mirrors, concave and convex lens.
4. Reproduction: Flower, pollination, Types of reproduction in plants and micro organisms.
5. Electrical Circuits: Components of the electrical circuit and battery.
6. Water: Availability of water. Forms of water, Ground water, and water management.
7. Food and its components: Balanced diet, carbohydrates proteins, lipids, minerals and vitamins.

1. ಉಷ್ಣ: ಉಷ್ಣದ ಮೂಲಗಳು, ತಾಪ, ತಾಪದ ಅಳತೆ, ಉಷ್ಣತಾ ಮಾಪಕದ ವಿಧಗಳು.
2. ಆಮ್ಲಗಳು, ಪ್ರತ್ಯಾಮ್ಲಗಳು ಮತ್ತು ಲವಣಗಳು: ಆಮ್ಲ ಪ್ರತ್ಯಾಮ್ಲಗಳ ಅರ್ಥ, ಆಮ್ಲಗಳ ವಿಧಗಳು, ಆಮ್ಲ ಪ್ರತ್ಯಾಮ್ಲಗಳ ಲಕ್ಷಣಗಳು, ಸೂಚಕಗಳು.
3. ಬೆಳಕು: ಸ್ವಯಂಪ್ರಕಾಶಿತ ಮತ್ತು ಸ್ವಯಂ ಪ್ರಕಾಶಿತವಲ್ಲದ ಕಾಯಗಳು, ಬೆಳಕಿನ ಪ್ರತಿಫಲನ, ಗೋಲೀಯ ದರ್ಪಣ, ಪೀನ ಮಸೂರ, ನಿಮ್ನ ಮಸೂರ.
4. ಸಸ್ಯಗಳಲ್ಲಿ ಸಂತಾನೋತ್ಪತ್ತಿ: ಹೂವಿನ ಭಾಗಗಳು, ಪರಾಗಸ್ಪರ್ಶ, ಸಂತಾನೋತ್ಪತ್ತಿಯ ವಿಧಗಳು, ಸಸ್ಯಗಳು ಮತ್ತು ಸೂಕ್ಷ್ಮಜೀವಿಗಳು.
5. ವಿದ್ಯುತ್ ಮಂಡಲಗಳು: ವಿದ್ಯುತ್ ಮಂಡಲದ ಘಟಕಗಳು, ಶುಷ್ಕಕೋಶ.
6. ನೀರು: ನೀರಿನ ದೊರೆಯುವಿಕೆ, ನೀರಿನ ಸ್ಥಿತಿಗಳು, ನೀರಿನ ನಿರ್ವಹಣೆ.
7. ಆಹಾರ ಮತ್ತು ಅದರ ಘಟಕಗಳು: ಸಮತೋಲಿತ ಆಹಾರ, ಕಾರ್ಬೋಹೈಡ್ರೇಟ್‌ಗಳು, ಪ್ರೋಟೀನ್‌ಗಳು, ಕೊಬ್ಬುಗಳು, ಖನಿಜಗಳು ಮತ್ತು ಜೀವಸತ್ವಗಳು.



During Bhagavan's visit on 1979,
Swami blessing Alike

Love all, Serve all



Syllabus for entrance examination - 1st PUC

Science Combinations (PCMB and PCMC):

- 60 marks (60 MCQ) 60 minutes
 - Physics (15 marks), Chemistry(15 marks), Mathematics (15 marks) & Biology (15 marks)

Commerce Combinations (HEBA, BSBA, BEBA):

- 40 marks (40 MCQ), 60 minutes
 - English (25 marks), Mathematics (15 marks)

Arts (HESP):

- 25 marks (25 MCQ.) 60 minutes
 - English (25 marks)

ENGLISH

1. Tenses.
2. Voice of the verb.
3. Articles and Prepositions.
4. Degrees, negatives, infinitives etc.
5. Transformation of sentences.
6. Framing questions.
7. Subject - verb agreement.
8. Question Tags.
9. Reported speech.
10. Re-arranging sentences.
11. Punctuation.
12. Linkers.
13. Expansion.
14. 'If' clause.
15. Editing paragraphs.
16. Comprehension (Questions on unseen passage).
17. Letter Writing.

PHYSICS - ಭೌತಶಾಸ್ತ್ರ

1. Force and laws of motion - ಚಲನೆ ಮತ್ತು ಅದರ ನಿಯಮಗಳು.
2. Gravitation - ಗುರುತ್ವ.
3. Work and Energy - ಕೆಲಸ ಮತ್ತು ಶಕ್ತಿ.
4. Light : Refraction of light, Refraction Through glass slab, image formation by lenses, Lens formula, Magnification, Problems, Power of a lens. - ಬೆಳಕು, ಬೆಳಕಿನ ವಕ್ರೀಭವನ, ಆಯಾತಾಕಾರದ ಗಾಜಿನ ಚಪ್ಪಡಿಯ ಮೂಲಕ ವಕ್ರೀಭವನ, ಮಸೂರಗಳಿಂದ ಪ್ರತಿಬಿಂಬಗಳ ರಚನೆ, ಮಸೂರ ಸೂತ್ರ ಮತ್ತು ವರ್ಧನೆ (ಸಮಸ್ಯೆಗಳು) ಮಸೂರದ ಸಾಮರ್ಥ್ಯ.
5. Electricity - ವಿದ್ಯುಚ್ಛಕ್ತಿ.
6. Magnetic effect of electric current - Magnetic field and field lines, Right hand thumb rule, Magnetic field due to a current in a solenoid, Force on a current - carrying conductor in a magnetic field, Fleming's left hand rule, Electric motor. - ವಿದ್ಯುತ್ ಪ್ರವಾಹದ ಕಾಂತೀಯ ಪರಿಣಾಮಗಳು - ಕಾಂತಕ್ಷೇತ್ರ ಮತ್ತು ಕಾಂತೀಯ ರೇಖೆಗಳು, ವಿದ್ಯುತ್ ಪ್ರವಾಹವಿರುವ ವಾಹಕದಿಂದ ಕಾಂತಕ್ಷೇತ್ರ, ಬಲಗೈನ ಹೆಬ್ಬರಳ ನಿಯಮ; ಸೊಲೆನಾಯ್ಡ್‌ನಲ್ಲಿ ವಿದ್ಯುತ್ ಪ್ರವಾಹದಿಂದ ಉಂಟಾದ ಕಾಂತಕ್ಷೇತ್ರ, ಫ್ಲೆಮಿಂಗ್‌ನ ಎಡಗೈ ನಿಯಮ, ವಿದ್ಯುತ್ ಮೋಟಾರ್.

Syllabus for entrance examination - 1st PUC

CHEMISTRY - ರಸಾಯನಶಾಸ್ತ್ರ

1. Carbon and compounds - covalent bonding in carbon compounds, versatile nature of carbon, homologous series, saturated and unsaturated carbons, functional groups, Nomenclature of hydrocarbons. - ಕಾರ್ಬನ್ ಮತ್ತು ಅದರ ಸಂಯುಕ್ತಗಳು - ಸಹವೆಲೆನ್ಸಿ ಬಂಧ, ಕಾರ್ಬನ್‌ನ ಪರಿವರ್ತನೀಯ ಸ್ವಭಾವ, ಪರ್ಯಾಪ್ತ ಮತ್ತು ಅಪರ್ಯಾಪ್ತ ಕಾರ್ಬನ್ ಸಂಯುಕ್ತಗಳು, ಅನುರೂಪ ಶ್ರೇಣಿಗಳು, ಕಾರ್ಬನ್ ಸಂಯುಕ್ತಗಳನ್ನು ಹೆಸರಿಸುವ ಪದ್ಧತಿ, ದಹನ ಕ್ರಿಯೆ, ಸಂಕಲನ ಕ್ರಿಯೆ.
2. Metals and non-metals - Properties of metals and non-metals, Reactivity series, formation and properties of ionic compounds. - ಲೋಹಗಳು ಮತ್ತು ಅಲೋಹಗಳು - ಲೋಹಗಳು ಮತ್ತು ಅಲೋಹಗಳು ಭೌತ ಮತ್ತು ರಾಸಾಯನಿಕ ಗುಣಗಳು, ಕ್ರಿಯಾಶೀಲತೆಯ ಸರಣಿ, ಆಯೋನಿಕ ಸಂಯುಕ್ತಗಳು ಮತ್ತು ಗುಣಗಳು.
3. Periodic classification of elements - ಧಾತುಗಳ ಆವರ್ತನೀಯ ವರ್ಗೀಕರಣ.
4. Atoms and Molecules - ಪರಮಾಣು ಮತ್ತು ಅಣುಗಳು.
5. Structure of the atom - ಪರಮಾಣುವಿನ ರಚನೆ.

BIOLOGY - ಜೀವಶಾಸ್ತ್ರ

1. Tissues - ಅಂಗಾಂಶಗಳು.
2. Diversity in Living organism - ಜೀವ ವೈವಿಧ್ಯತೆ.
3. Life Processes - ಜೀವ ಕ್ರಿಯೆಗಳು.
4. Heredity - Heredity, Mendel's contribution, Laws of inheritance of traits, sex determination, brief introduction. - ಅನುವಂಶೀಯತೆ: ಅನುವಂಶೀಯತೆ, ಗುಣಗಳ ಅನುವಂಶೀಯತೆ, ನಿಯಮಗಳು, ಮೆಂಡೆಲನ ಕೊಡುಗೆಗಳು, ಲಿಂಗ ನಿರ್ಧರಣೆ.
5. Reproduction in plants and Animals - Sexual reproduction, Reproductive health, need and methods of family planning, safe sex vs HIV/AIDS. Child bearing and Women's health. - ಜೀವಿಗಳು ಹೇಗೆ ಸಂತಾನೋತ್ಪತ್ತಿ ನಡೆಸುತ್ತವೆ? ಹೂ ಬಿಡುವ ಸಸ್ಯಗಳಲ್ಲಿ ಲೈಂಗಿಕ ಸಂತಾನೋತ್ಪತ್ತಿ, ಮನುಷ್ಯರಲ್ಲಿ ಸಂತಾನೋತ್ಪತ್ತಿ, ಸಂತಾನೋತ್ಪತ್ತಿ ಆರೋಗ್ಯ.

Syllabus for entrance examination - 1st PUC

MATHEMATICS (geometry box not required)

- Algebra: Identities: $(a+b)^2$; $(a-b)^2$; $(a+b)(a-b)$; $(x+a)(x+b)$; $(a+b+c)^2$; $(a+b)^3$; $(a-b)^3$ a^3-b^3 etc, and applications of identities.
- Linear Equations in one variable and two variables, Pair of Linear Equations in two variables - Elimination method.
- Quadratic Equation: Solving quadratic equations, nature of roots and applications of quadratic equations.
- Geometry: Areas of similar triangles, Pythagoras theorem, Basic proportionality theorem and related problems.
- Areas: Triangles and Quadrilaterals.
- Circles: Tangent to a circle and related problems.
- Surface Areas and Volumes: Cone, Cylinder, Sphere, Hemisphere, Combination of solids and conversion of solids.
- Co-ordinate Geometry: Distance Formula, Section Formula and related problems.
- Trigonometry: Trigonometric Ratios, Trigonometric Ratios of Some Specific Angles, Trigonometric Identities Problems related to Heights and Distances.
- Arithmetic: Arithmetic progressions - various types of problems.
- Statistics: Mean, Median, Mode - related problems.
- Polynomials: Degree of polynomials and Zeroes of polynomials.
- ಬೀಜಗಣಿತ: ನಿತ್ಯ ಸಮೀಕರಣಗಳು $(a+b)^2$; $(a-b)^2$; $(a+b)(a-b)$; $(x+a)(x+b)$; $(a+b+c)^2$; $(a+b)^3$; $(a-b)^3$ a^3-b^3 ಇತ್ಯಾದಿಗಳ ಅನ್ವಯಗಳು.
- ಒಂದು ಚರಾಕ್ಷರವುಳ್ಳ ರೇಖಾತ್ಮಕ ಸಮೀಕರಣ, ಎರಡು ಚರಾಕ್ಷರವುಳ್ಳ ರೇಖಾತ್ಮಕ ಸಮೀಕರಣ ಮತ್ತು ಎರಡು ಚರಾಕ್ಷರವುಳ್ಳ ಜೋಡಿ ರೇಖಾತ್ಮಕ ಸಮೀಕರಣಗಳು - ವರ್ಜಿಸುವ ವಿಧಾನ.
- ವರ್ಗಸಮೀಕರಣಗಳು: ವರ್ಗ ಸಮೀಕರಣಗಳನ್ನು ಬಿಡಿಸುವುದು. ಮೂಲಗಳ ಸ್ವಭಾವ ಮತ್ತು ವರ್ಗಸಮೀಕರಣವನ್ನು ಆಧರಿಸಿದ ವ್ಯಾವಹಾರಿಕ ಸಮಸ್ಯೆಗಳು.
- ರೇಖಾಗಣಿತ: ಸಮರೂಪ ತ್ರಿಭುಜಗಳ ವಿಸ್ತೀರ್ಣಗಳು. ಫೈಥಾಗೊರಸ್ ಪ್ರಮೇಯ, ಮೂಲ ಸಮಾನುಪಾತತೆಯ ಪ್ರಮೇಯ ಮತ್ತು ಸಂಬಂಧಿಸಿದ ಲೆಕ್ಕಗಳು.
- ವಿಸ್ತೀರ್ಣಗಳು: ತ್ರಿಭುಜಗಳು ಮತ್ತು ಚತುರ್ಭುಜಗಳು.
- ವೃತ್ತಗಳು: ವೃತ್ತಕ್ಕೆ ಸ್ಪರ್ಶಕ ಮತ್ತು ಸಂಬಂಧಿಸಿದ ಲೆಕ್ಕಗಳು.
- ಮೇಲ್ಮೈ ವಿಸ್ತೀರ್ಣಗಳು ಮತ್ತು ಘನಫಲ: ಶಂಕು, ಸಿಲಿಂಡರ್, ಗೋಳ, ಅರ್ಧಗೋಳ, ಜೋಡಿಸಿದ ಘನಾಕೃತಿಗಳು ಮತ್ತು ಪರಿವರ್ತಿಸಿದ ಘನಾಕೃತಿಗಳು.
- ನಿರ್ದೇಶಾಂಕ ರೇಖಾಗಣಿತ: ದೂರದ ಸೂತ್ರ, ಭಾಗಪ್ರಮಾಣದ ಸೂತ್ರ ಮತ್ತು ಸಂಬಂಧಿಸಿದ ಲೆಕ್ಕಗಳು.
- ತ್ರಿಕೋನಮಿತಿ: ತ್ರಿಕೋನಮಿತಿಯ ಅನುಪಾತಗಳು, ನಿರ್ದಿಷ್ಟ ಕೋನಗಳಿಗೆ ತ್ರಿಕೋನಮಿತಿಯ ಬೆಲೆಗಳು, ತ್ರಿಕೋನಮಿತಿ ನಿತ್ಯಸಮೀಕರಣಗಳು, ಎತ್ತರ ಮತ್ತು ದೂರಕ್ಕೆ ಸಂಬಂಧಿಸಿದ ಸಮಸ್ಯೆಗಳು.
- ಅಂಕಗಣಿತ: ಸಮಾಂತರ ಶ್ರೇಣಿ ಮತ್ತು ಸಂಬಂಧಿಸಿದ ಲೆಕ್ಕಗಳು.
- ಸಂಖ್ಯಾಶಾಸ್ತ್ರ: ಸರಾಸರಿ ಬೆಲೆ, ಮಧ್ಯಮ ಬೆಲೆ ಮತ್ತು ರೂಢಿಬೆಲೆ - ಸಂಬಂಧಿಸಿದ ಪ್ರಶ್ನೆಗಳು.
- ಬಹುಪದೋಕ್ತಿಗಳು : ಬಹುಪದೋಕ್ತಿಗಳ ಘಾತ ಮತ್ತು ಬಹುಪದೋಕ್ತಿಗಳ ಶೂನ್ಯತೆ.



ADDRESS FOR ANY QUERIES

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