

# अखिल भारतीय छात्रवृत्ति प्रवेश परीक्षा ALL INDIA SCHOLARSHIP ENTRANCE EXAMINATION

# AISEE-2024 CST

# User's Manual & Syllabus

College Scholarship Test (CST) for college students

यदि आप सूरज की तरह चमकना चाहते हैं, तो पहले सूरज की तरह जलना सीखे।
If you want to shine like a sun, first burn like a sun.

A. P. J. Abdul Kalam

# Important:

Candidates are required to go through the User Manual carefully and acquaint themselves

- 1. Candidates can apply for AISEE- 2024 CST only "Online".
- 2. User Manual can be downloaded from the website www.aisee.co.in
- 3. Online submission of Application Form may be made by accessing Official website <a href="www.aisee.co.in">www.aisee.co.in</a>
  - Instructions for Online submission of Application Form are available in the User Manual and on the website www.aisee.co.in
- 4. Candidates must follow the instructions strictly as given in the User Manual and on website. Candidates not complying with the instructions shall be summarily disqualified.
- 5. Candidate must save or note down Registration / Enrolment / Application No in safe Place Carefully for further processing.
- 6. Candidate Can pay Application fee through "**Online Mode**" only (i.e. Debit Card / Credit card / Net banking)
  - Application fee once paid will not be refunded (full or partial) under any circumstances.
  - If your payment debited from your account and not show confirmation page, then please mail or call us as soon as possible and wait for 24-48 hours some time it may take time to update your payment.
- 7. AISEE-2024 may be held in single stage and would be an objective test.
- 8. Mode of Examination, Examination Centre, and Language of Question Paper be chosen carefully as changes are not allowed after submission of online application.
- 9. Examination Centre and Date of Examination may be change due to huge no of application.
- For Latest updates, Candidate must remain in touch with the website <u>www.aisee.co.in</u> and regularly check their e-mail till completion of scholarship process
- 11. The candidates must have their own personal and valid email id. They are also advised to have their own mobile number. The candidates are advised to retain the same mobile number and email-id in use which they have furnished in the application form because the important information may be given to the candidates through SMS or e-mail.

For any query please mail us: info@aisee.co.in or call us 022- 49434300.

Please don't send any documents to AISEE, Save Paper and stay eco-friendly.

#### Instructions for Applying Online

Before filling up the application form the candidate should have a scanned image of his/her photograph and signature. These scanned images are to be uploaded during the submission of application s form. The photograph should be colour or b/w (but clear contrast) it as shown below. It should be without cap or goggles. Spectacles are allowed. Polaroid photos are not acceptable. Candidates with unclear photograph are liable to be rejected.



#### How to Register?

Register yourself on visiting website www.aisee.co.in

If you have already applied, then enter use Application No(Received on email and mobile number) and password which you set at step 1 and continue login.

Applicant must check his/her Email (Inbox, Junk mail & Spam) after registration.

Candidate should complete all the steps before closing date of application. Incomplete Registration / application will be rejected automatically without any intimation.

Four Steps to be followed for registration:

- 1. Step 01 Fill Basic information
- 2. Step 02 Fill Examination Centre Preference etc
- 3. Step 03 Pay Application Fee through Online Mode (via Debit Card / Credit Card / Net banking/UPI)
- 4. Step 04 Fill Qualification details etc
- 5. Step 04 Upload your photographs, Signature

<sup>\*</sup>For payment processing AISEE automatically redirect url to Payment Gateway.



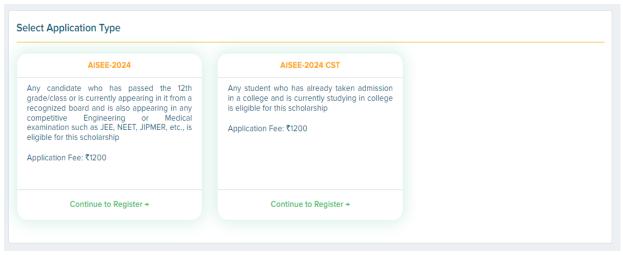
# Screenshot and Instruction Regarding Fields:

Visit www.aisee.co.in and click online application

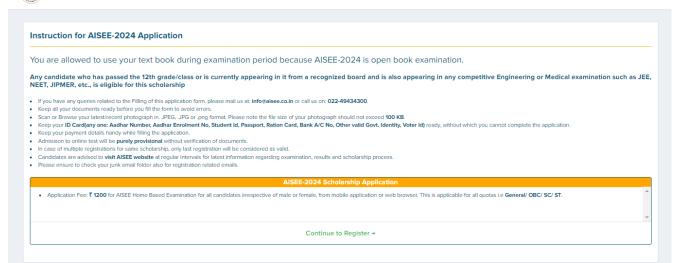




#### Read Instruction Carefully and Click for Registration:





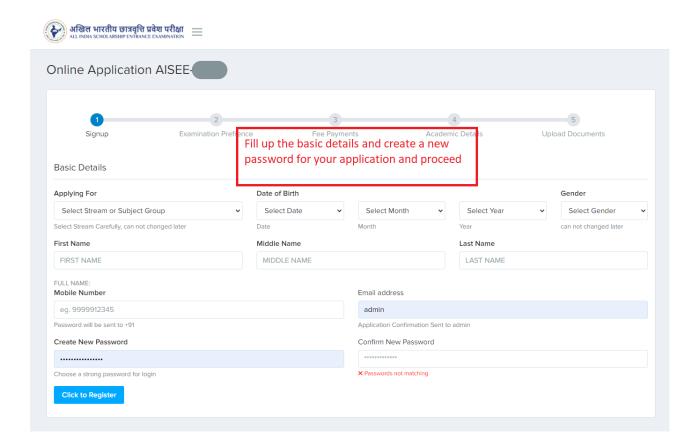




Complete First step registration and check your email id for your registration no.

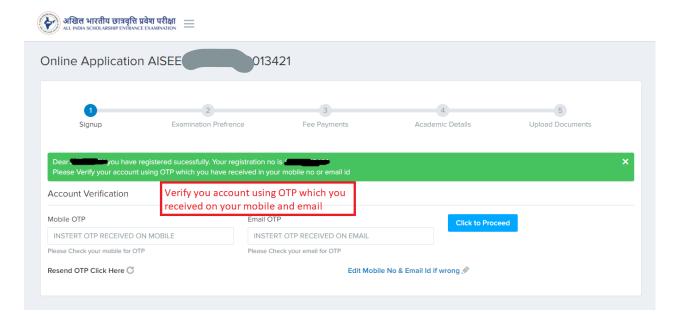
| Fields Name         | Instructions  |  |  |
|---------------------|---|--|--|
| Applying for        | Choose the stream you wish to apply   |  |  |
| Candidate Full Name | Fill in your full Name as in your Standard 10th Certificate   |  |  |
| Email address       | Please fill correct email ID so that you can receive registration no after first step of registration |  |  |
| Mobile Number       | Please fill correct mobile number   |  |  |
| Password            | Choose a Password your login  |  |  |
| Gender              | Select Male / Female  |  |  |

## **Basic information**

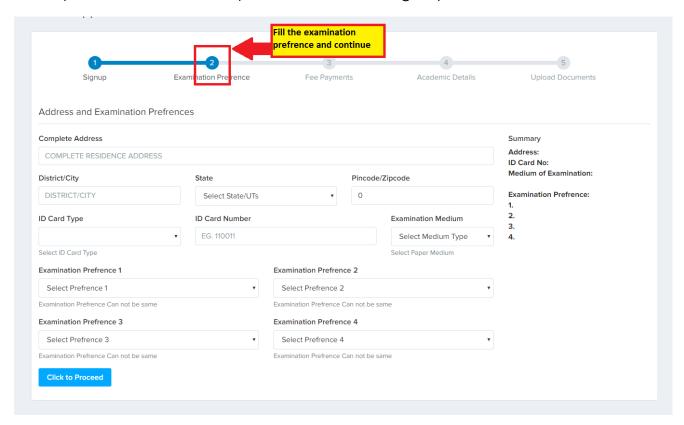




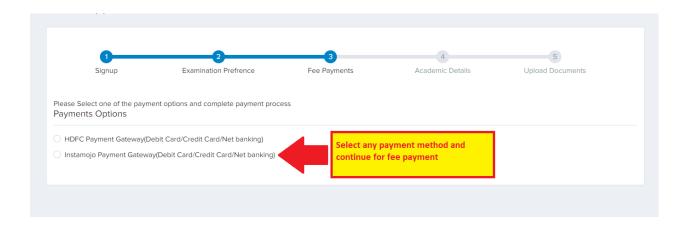
### Password verification process:



2<sup>nd</sup> step: Examination centre preference according to your choice.



 $3^{rd}$  step: Pay Application Fee via Credit / Debit / ATM Card or Net banking with Payment Gateways



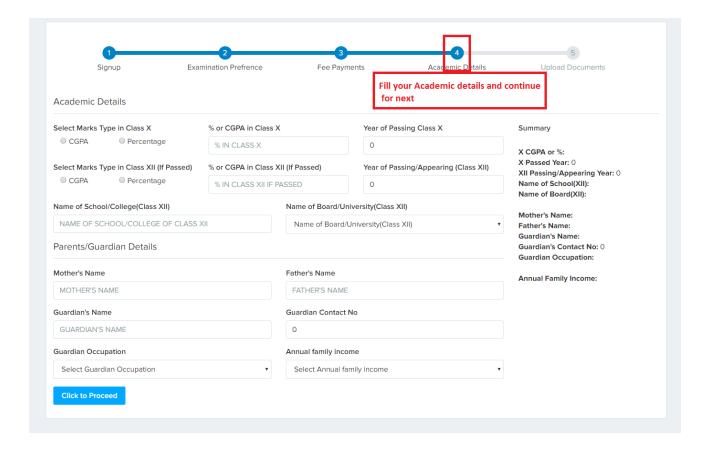


# Please Fill Qualification & Examination Preference:

| Fields Name                     | Instructions   |
|---------------------------------|--|
| Id Card No                      | Please Fill your ID Card No Carefully  |
| Mother's Name                   | Full Mother's Name as in X Certificate   |
| Father's Name                   | Full Father's Name as in X Certificate   |
| Date of Birth                   | As mention in X Certificate  |
| Nationality                     | Indian Candidate or Foreign  |
|                                 | Complete Mailing address where we communicate till   |
| Address                         | the  |
|                                 | scholarship process  |
| District / City                 | District / City for address  |
| State / UT                      | State / UT for address   |
| Pin code / Zip code             | Put you correct pin code for better communication  |
| From Where Applying             |  |
| Application                     | Name of City / Town / village from you fill this form  |
| Form                            |  |
| Choose Medium                   | Choose Medium of Examination like Hindi or English   |
| First Preference Examination    | Character Francisco di anchi a |
| Centre                          | Choose Examination city 1st Preference you wish  |
| Second Preference Exam Centre   |  |
| Tenth class %                   | How much % you have got in you 10 <sup>th</sup> Board<br>Examination   |
| Year of Passing Class X         | Which you have passed class X  |
| % of Class XII                  | How much % you got if passed else leave blank  |
| 70 OT CIG33 XIII                | In which year you passed this exam or appearing for  |
| Year of Passing / Appearing XII | exam   |
| Name of School/ College         | Name of School of Class XII  |
| Name of Board (XII)             | Name of Board from you passed or Appearing for 12 <sup>th</sup>  |
|                                 | Name of Competition Examination for which you apply  |
| Appearing in Examination        | or   |
|                                 | plan to Apply like : AIPMT, JEE MAIN etc   |
| Guardian Name                   | Name of Your Guardian  |
| Guardian Contact No             | Mobile Number of Your Guardian   |
|                                 | Occupation of Guardian like farmer, Doctor, Engineer   |
| Guardian Occupation             | etc.   |
| Annual family Income            | Annual Family income like 100000, 2000000 etc (in lakh)  |
| Current College name            | Full name of college   |
| Current College year            | You are in which college year eg. Third Year etc.  |
| Total Course Duration           | Total College course duration eg. Two Year, Four Year etc  |
|                                 |  |
| College Address                 | Complete college address with pincode  |



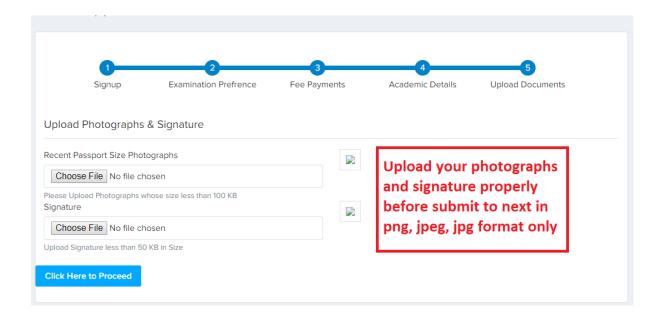
## 4th step: Academic details



5<sup>th</sup> step: Upload Photograph and Signature

Please Upload photographs in .jpeg, .jpg, .png format only and not exceed 100kb

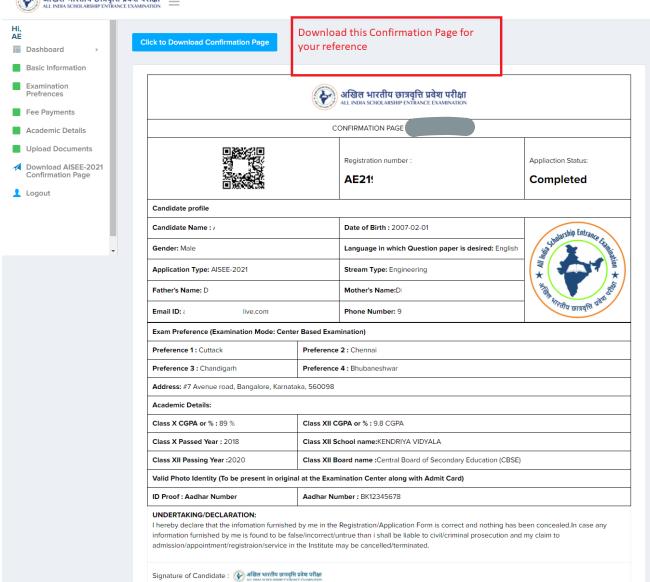
Please Upload Signature in . .jpeg, .jpg, .png format only and not exceed 50kb





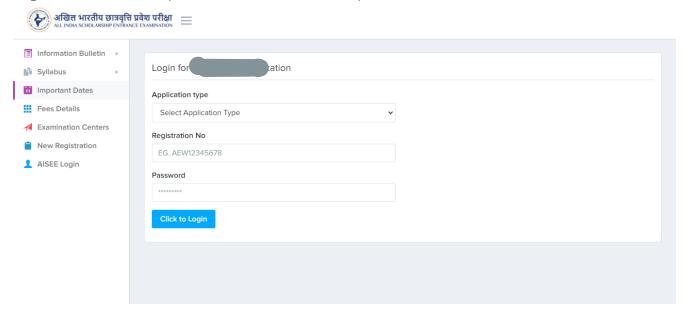
## Confirmation Page:







For Login or Check you application Status Click on AISEE Form login and using registration no. and password and check any status.





#### **Eligibility Criteria:**

Any students who is studying in college are eligible for this scholarship exam CST(College Scholarship Test).

#### **Application Fee:**

Application Fee (Home Based Exam\*): ₹ 1200.00 for all Quota (General/OBC/SC/ST)

\*For Home Based Examination Candidate have to arrange desktop or laptop for their examination on the date of examination scheduled

#### **Important Dates:**

Online Application: 24th Oct 2023

Last Date of Application: (For Exact Date check the website <u>www.aisee.co.in</u> -> Important dates)

Admit Card / Slot Booking: (For Exact Date check the website <a href="https://www.aisee.co.in">www.aisee.co.in</a> -> Important dates)

Examination: (For Exact Date check the website <a href="https://www.aisee.co.in">www.aisee.co.in</a> -> Important dates)

#### **Examination center:**

This year, the AISEE & AISEE CST Exams are being conducted solely as home-based examinations. You can take the exams from anywhere in the world; there is no need to visit a test center or examination center. It's an AI-based examination that you can attempt from your own computer, a relative's computer, or a friend's computer, as long as the system has a working microphone and camera.

#### Structure of Online Test:

Duration of Examination: 90 Minutes

Question type: Objective (Multiple Choice Question/Integer Type/Paragraph Type/

Match the following)

Two Option are available for Examination Subject Group:

**Option 1:** Quantitative Aptitude, Logical Thinking, Verbal Ability & Reading Comprehension, General Awareness

**Options 2:** General Science, Logical Thinking, Verbal Ability & Reading Comprehension, General Awareness

Choose Any one option for your examination.

#### No of Question on Each Subject for Option 1 and Option 2 Subject Group

| Subject<br>Options | Quantitative<br>Aptitude | Logical<br>Thinking | Verbal Ability & Reading Comprehension | General<br>Awareness | Total Questions |
|--------------------|--------------------------|---------------------|--|----------------------|-----------------|
| Option 1:          | 25                       | 25                  | 25                                     | 25                   | 100             |

| Subject<br>Options | General<br>Science | Logical<br>Thinking | Verbal Ability & Reading Comprehension | General<br>Awareness | Total Questions |
|--------------------|--------------------|---------------------|--|----------------------|-----------------|
| Option 2:          | 25                 | 25                  | 25                                     | 25                   | 100             |

Marking Scheme: 4 marks will be awarded for every correct response; for incorrect response 1 mark will be deducted. No marks will be given for unattempt questions.

You are allowed to use your text book during examination period because AISEE-2024 is open book examination.

# Syllabus for CST

#### **General Science:**

Universe – Big Bang, Redshift, Blueshift

Star Formation – Stellar Evolution, Life Cycle of A Star

Solar System Formation – Nebular Theory of Laplace

Solar System – Planets, Inner Planets, Outer Planets

Sun – Internal Structure, Atmosphere

Nuclear Fission, Nuclear Reactor Types

India's Three-Stage Nuclear Power Programme

Cell Organelles – Plant Cell vs. Animal Cell

Carbohydrates – Monosaccharides, Polysaccharides

Proteins – Amino Acids, Enzymes

Vitamins and Minerals – Deficiency Diseases

Fats – Healthy Fats and Unhealthy Fats

Animal Tissues – Epithelium, Connective Tissues

Human Digestive System – Digestive Glands

Human Neural System - Human Brain

Nucleic acids - DNA and RNA, Recombinant DNA

Mitosis – Cell Cycle, Cell Division, Meiosis – Mitosis – Meiosis Comparison

Sex Determination – Genetic Disorders

Diseases Caused by Microorganisms

Microbes in Human Welfare – Useful Microbes

Immunity – Human Immune System

AIDS, Cancer – causes

Drugs and Alcohol Abuse

Diseases – Acute, Chronic, Communicable Diseases

Blood – Blood Groups – Formed Elements

Circulatory System, Double Circulation

Excretory System – Kidney, Urine Formation

Origin and Evolution of Life on Earth

**Biological Classification** 

Five Kingdom Classifications of Plants and Animals

Plant Parts and Their Functions

Plant Kingdom - Thallophytes (Algae), Bryophytes, Pteridophytes

Plants with Seeds – Gymnosperms and Angiosperms

Plant Tissue – Meristematic – Simple, Complex Permanent Tissue

Plant Nutrition – Photosynthesis, Nitrogen Cycle, Fixation

Sexual and Asexual Reproduction in Plants

Classification of Animal Kingdom (Animalia)

Classification of Vertebrata (Phylum Chordata)

**Human Reproductive System** 

Biotechnology – Genetic Engineering – Processes and Applications

Atomic Theory – Structure of an Atom

#### **Quantitative Aptitude**

**Problems on Trains** 

Height and Distance

Simple Interest

Profit and Loss

Percentage

Calendar

Average

Volume and Surface Area

Numbers

Problems on H.C.F and L.C.M

Simplification

Surds and Indices

Chain Rule

**Boats and Streams** 

Logarithm

Stocks and Shares

True Discount

Odd Man Out and Series

Time and Distance

Time and Work

Compound Interest

Partnership

Problems on Ages

Clock

Area

Permutation and Combination

Problems on Numbers

**Decimal Fraction** 

Square Root and Cube Root

Ratio and Proportion

Pipes and Cistern

Alligation or Mixture

Races and Games

Probability

Banker's Discount



### **Logical Thinking**

**Number Series** 

Analogies

**Matching Definitions** 

Verbal Reasoning

Logical Games

Statement and Assumption

Statement and Conclusion

Cause and Effect

Logical Deduction

Letter and Symbol Series

**Essential Part** 

Artificial Language

Making Judgments

Logical Problems

**Analyzing Arguments** 

Course of Action

Theme Detection

Statement and Argument

Clocks

Calendars

Binary logic

**Seating Arrangement** 

Blood Relations (Family Tree)

Logical Sequence

Assumption

Premise

Conclusion

Linear and matrix arrangement

**Team Formation** 

Direction sense and Decision Making

Input-Output

Series

Syllogism

Cubes

Rows

Set Theory

Venn Diagrams

Network Diagrams



#### **General Awareness**

Inventions & Discoveries

Neighbouring Countries of India

Unemployment in India

**Indian Financial System** 

Types of Bank in India

Types of Bank Accounts

Functions of Banks

Countries, Capital & Currency

Governors in India

Members of Parliament

Members of Rajya Sabha

Members of Lok Sabha

**Prasad Scheme** 

ICC Cricket World Cup Winners

List of IPL Winners

List of Indian Navy Chief Admirals

List of Highest Mountains in India

List of Longest Rivers in the World

List of Phobias/Fear

List of Sports Term

List of Companies Taglines

List of Insurance Companies in India

Important Principles of Insurance

List of Airports in India

List of World Largest Libraries

List of Longest Bridges in India

List of Languages of the World

List of Famous Books And Authors

List of Arjuna Award Winners

Millets in India

General Policy & Scientific Research (Biology, Physics, Chemistry)

Books and Authors

Persons and Place in News

General awareness of the environment around us and its application to society.

Matters of everyday observation and experience in their scientific aspect.

**Indian Economy** 

**Indian Constitution** 

History (Ancient, Medieval, Modern)

For Further Details, Notice or Update please visit <a href="www.aisee.co.in">www.aisee.co.in</a> regularly.



# www.aisee.co.in











