

NASA Space Camp

SpaceCamp Joining Test(SCJT)

of



About NASA:National Aeronautics and Space Administration (NASA) is an independent agency of the U.S. federal government established in 1958, NASA Headquarters in Washington DC and its main object is exploring the secrets universe.

Space Camp benefits

- 1. Finding & Understanding Our Universe.
- 2. Visit the world best place and Interact with student of more than 20 Countries during Space Camp.
- 3. Space Camp gives the additional mileage in making career in the field of Science and Technology.
- 4. NASA Space Camp Certificate gives additional mileage in International Job.
- 5. NASA Space Camp Certificate gives additional mileage for Scholarship to study in world best University.

“Gateway to Cosmic Planets on the basis of individual effort and ability”

About SHAKTI CHARIOT: Shakti Chariot is a Global Organisation for Publication, Health, Education, Films (Film Festival), Spiritual fulfillment, Disaster Management, Orphanage and Old age homes, Providing Fund(Loan), Research, Career Opportunities and Culture relation development between Countries. Opportunity to Participate in NASA Space Camp (United States of America) and Interact with Globally renowned Tutor, more than 90 Countries Student are Participating in NASA Space Camp (USA), Opportunity to Explore the World for Complete detail refer to Website.

Eligibility: Junior Batch - Student from Class 6 to Class 12 are Eligible.

Eligibility:Senior Batch - Student studying in Engineering/Graduation with relevant subject.

Participant Student don't have to Pay:The Expenditure will be borne by Overseas organization, This Include all travel arrangements, visas and conference expense, boarding and lodging in United States of America.

How to Participate: - Shakti Chariot holds an annual Sponsorship competition for students who want to attend Space Camp, Aviation Challenge Camp or Space Camp Robotics. Each applicant must qualifythe exam conducted by Shakti Chariot and student shall participate through Essay or Project.

STEPS REQUIRED TO PARTICIPATE

- 1:Choose the Topic Related to Space for writing Essay or making Project.
- 2:Send the details through Email (Student Name, Institution Name and Address, Class/Grade in which he or she is Studying and Subject/Topic for Essay/Project).
- 3:If any Changes is there in Subject / Topic then same will be communicated to you through E-mail along with Registration Form.
- 4:Prepare your Submission for Essay / Project.
- 5:Submit Essay / Project along With Registration Form, after submission student will be called for written test and Interview.
- 6:Participant Certificate will be given by Shakti Chariot Foundation.
- 7:Shortlisted Entry will be Send for Space Camp.
- 8:Departure from Republic of India in October.



Pattern of Test:Stage 1 & Stage 2Based on Submitted Essay/Project topic, space camp. Regarding Model paper E-mail us, **Note:-** Stage 1Cut-off percentage to qualify is sixty percent (60%).

Exam Centers:Kolkata, Bhubaneswar, Guwahati, Chennai, Hyderabad, Bangalore, Mumbai, Ahmedabad, Indore, New Delhi, Chandigarh, Lucknow
Interview Centre: Kolkata, New Delhi, Chennai, Mumbai.

Frequently Asked Question(FAQs)

- 1:What is the Duration of the NASA Space Camp?
- 2:Who will pay for the NASA Space Camp Programme Expense?
- 3:Weather any Tutor from Institution is going to accompany the Student?
- 4:Who shall bear the Expenses for Tickets, stay, food and travelling?
- 5: Past Student detail.
- 6: Is there any meeting with the final going candidate?
- 7: Tell me about the “Education tour programme to NASA- Space Camp”
- 8: What are the limitations for Essay and Project.
- 9: ANY REFERENCE TOPIC AVAILABLE?

Further FAQ is attached herewith.



You can play an active role in shaping the future of Smart Student by creating the “Awareness and notifying the Information to concerned Students”



Shakti Chariot Foundation

INDIA Address- The Legacy, level- 1, 25- A, Shakespeare Sarani, Kolkata- 700017, INDIA
Call: 033 44000 540,
Web: <http://www.shaktichariot.in/>
E-mail: shaktichariot@gmail.com/shaktichariot@hotmail.com/spacecamp@shaktichariot.in
If you require any further information please feel free to contact us or you shall contact
G.Secretary/MrAchytn- +91 6290257027

JAGANNATH LEGEND GAMING

<https://www.youtube.com/@legendJagannath99>

Jagannath miraculous Rath moving 1000 & 1000 miles as per Jagannath maankeegati and this leads to Jagannath Rath Festival in Puri, Odisha.

Nandighosh

Taladhwaja

Darpadalana

Vishwapati

Space Enthusiast,

Are you ready to embark on an unforgettable journey into the realm of space exploration? Look no further! We are thrilled to introduce the Shakti Chariot NASA Space Camp, an unparalleled opportunity for aspiring astronauts and curious minds to dive into the wonders of outer space.

At Shakti Chariot, we believe that the exploration of space holds boundless potential for scientific discovery and personal growth. Our exclusive NASA Space Camp offers a comprehensive program that combines hands-on training, expert guidance, and immersive experiences to ignite the flames of curiosity within each participant.

Here's what you can expect from the Shakti Chariot NASA Space Camp:

1. **Astronaut Training:** Receive top-notch training from experienced astronauts and NASA professionals. Learn the ins and outs of spacewalks, rocket launches, and simulated missions to gain a deeper understanding of life in space.
2. **Cutting-Edge Facilities:** Our state-of-the-art facilities are designed to replicate the conditions of space, ensuring an authentic and realistic training experience. From mock mission control centers to astronaut simulators, we spare no effort in providing an environment that mirrors the challenges faced by real space explorers.
3. **Inspiring Workshops:** Engage in interactive workshops led by renowned scientists and engineers. Discover the latest advancements in space technology, delve into the mysteries of the universe, and explore the potential for future space missions.
4. **Team-Building Activities:** Collaborate with fellow participants in team-building exercises, fostering leadership skills and promoting effective communication. Build lasting friendships and experience the camaraderie that is vital for successful space missions.
5. **Exclusive Behind-the-Scenes Access:** Get exclusive access to NASA facilities and witness firsthand the incredible work happening behind closed doors. Interact with NASA professionals, ask questions, and gain insights into their groundbreaking research and future missions.
6. **Networking Opportunities:** Connect with like-minded individuals who share your passion for space exploration. The Shakti Chariot NASA Space Camp provides a unique platform to expand your network and forge valuable connections that could shape your future career in the field.

Spaces for the Shakti Chariot NASA Space Camp are limited, so we encourage you to secure your spot at the earliest convenience. Visit our website www.shaktichariot.in to find detailed information about the camp, including dates, registration instructions and detail FAQ is attached herewith.

Embark on a transformative journey, where dreams of exploring the final frontier become a reality. Don't miss this incredible opportunity to immerse yourself in the world of space exploration and lay the foundation for your future among the stars.

For any inquiries or further information, please do not hesitate to contact our dedicated team at [MrAchytu Mobile- +91 6290257027]. We are more than happy to assist you in your quest to reach for the stars.

{Registration- Student required to send following detail Student Name, Grade/Class, Institute Name and Address through Email-shaktichariot@gmail.com/shaktichariot@hotmail.com/spacecamp@shaktichariot.in}

Frequently Asked Question(FAQs)

Space Camp is a realistic and interactive astronaut training experience that exposes Students to math, science, engineering, and technology concepts.

1. **Details and Requirements**
- **Program Type:**NASA Space Camp

• **Location:**NASA, United States of America

• **Length:**9 Days

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2. Who is eligible to apply for Space Camp.

Junior Batch for Space Camp
Eligibility:Junior Batch - Student from Class 6 to Class 12 are Eligible.

Senior Batch for Advanced Space Camp
Eligibility:Senior Batch - Student studying in Engineering or Graduation with relevant subject.

3 **Duration of the NASA Space camp?**
Generally 9 Days.

4. **Who will pay for the NASA Space Camp Programme Expense?**
All the Expenditure will be borne by Overseas Organization. This Include all travel arrangements, visa, Airfare and conference expense, boarding and lodging in United States of America.

5. **If my Essay/Project get selected for NASA Space Camp, then how I get the form and Registration fees.**
First you have to send your Essay/Project through E-mail, if get selected then you are required to fill the Registration Form and pay fees.

Registration Fees: Candidate have to attach a non-refundable Demand Draft/Online Payment of 100 USD and if Draft in Indian Currency it should by Rs 3000 (Three Thousand Only) Demand Draft in favor of "Shakti Chariot Foundation" payable at Kolkata.

Beside Registration fees any other Fees required to Pay.
No other fees.

Please tell about the student expense during entire process for Space Camp.

- 1) Student have to pay own travelling expense for Stage 1 & Stage 2 Exam in India.
- 2) Selected student required to show(Bank Passbook Entry) minimum 3-5 lacs(as demanded by US Embassy), in their father & mother saving bank Account and same will be submitted to US Government office .
- 3) Student have to pay own travelling expense for USA Embassy -Visa Interview, India

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4) Pre Departure meets for 2-3 Days in India.

Candidate have to Pay their own expense

(1) Pre departure meeting (2-3 Days) will be held after Visa Procedure (Kolkata /New Delhi/Mumbai/Hyderabad) candidate shall pay their own expense (Lodging and Boarding) for the Pre departure meeting.

Pre departure meeting Agenda

- A) Preparation required by student related to Presentation, clothing, lodging and boarding during Space Camp (USA).
- B) Other participant, guide and Past student contact detail will be shared.
- C) Accommodation, flight ticket and other concerned detail will be provided at the time of pre-departure meet.

6. Who shall bear the Expenses for Tickets, stay, food and travelling?

Visa, Ticket, Accommodation and food Expenses will be paid by company.

7. The NASA Space Camp Programme be taken for credit?

Definitely it gives Credit to those students, who want to make their Career in Space and Technology.

Space Camp benefits.

- Finding & Understanding Our Universe.
- Visit the world best place and Interact with student of more than 20 Countries during Space Camp.
- Space Camp gives the additional mileage in making the career in the field of Science and Technology.
- NASA Space Camp Certificate gives additional mileage in International Job.
- NASA Space Camp Certificate gives additional mileage for Scholarship to study in world best University.

Will student interacting with other Institution/countries students?

Yes, at any given time, there are hundreds of students from the USA and countries across the globe; very likely there will be some in the group. There is a healthy cross-cultural interaction that most students find stimulating and exciting.

8. How many students can apply from one Institution?

Any number of Students shall apply for NASA Space Camp Programme either individually or through Institution.

9. How to apply for a Space Camp Programme?

Step 1:Choose the Topic Related to Space for writing Essay or making Project.

Step 2:Send the details through Email (Student Name, Institution Name & Address and Class/Grade in which he or she is studying and Subject / Topic for Essay / Project).

Step 3:If any Changes is there in Subject / Topic then same will be communicated to you through E-mail.

Step 4:Prepare your Submission for Essay / Project.

Step 5:Submit Essay / Project through E-mail, if accepted then you are required to submit the Registration Form.

after submission ofRegistration Formstudent will be called for written test and Interview.

Stage 1— Pre Screening Test (Written) will be held in Institution.

Stage 2— Final Screening Test (Written) /Interview (New Delhi/Mumbai/Chennai/Kolkata).

Step 6:Participant Certificate will be given by Shakti Chariot Foundation.

Step 7:Shortlisted Entry will be Send for Space Camp.

Step 8:ShortlistedStudent will be Send to National Aeronautics and Space Administration (NASA) in United States of America (USA).

All the Expenditure will be borne by overseas organisation. This Include all travel arrangements, visas, Airfare and conference expense, boarding and lodging in United States of America.

10. Weather any Tutor from Institution is going to accompany the Student?

If more than 9 students get selected from one Institution then one Tutor/Teacher is allowed to accompany them, otherwise studenthave to join general group.

11. The Visa procedures will be done by Shakti Chariot Foundation or Individual.

Visa procedure done by Shakti Chariot Foundation.

12. Past Student detail.

Past Student detail will be provided at the time of Pre departure meeting.

13. Is there any meeting with the final going candidate?

Final going Student shall interact each other at the time of Pre departure meeting (2-3 Days) will be held after Visa Procedure.

14. Tell me about the “EDUCATION TOUR PROGRAM to National Aeronautics and Space Administration of United States of America. (NASA) - Space Camp”

DAY 1: DEPARTURE FROM KOLKATA / MUMBAI

DAY 2: NEW YORK (After arriving in New York Airport you have to check in Hotel)

DAY 3: NEW YORK -- Tour

Ferry ride to STATUE OF LIBERTY & ELLIS ISLAND, Times Square, Wall Street, World Trade Centre, Rockefeller Centre, Grand Army Plaza, Museum, Federal Hall National Monument, Bowling Green, Trinity Church and Graveyard, Federal Reserve Bank, Old Custom’s House, Ground Zero, Broadway Show, The United Nations Building.

DAY 4:NEW YORK - SPACE CAMP

After Breakfast depart New York , arrive Huntsville- Space Camp (During entire Space Camp Program Students will stay in US Space and Rocket Centre, Huntsville, Alabama.

DAY –5, 6, 7:SPACE CAMP in United States of America.

DAY 8:Free day for student /Student havea option for **Disney land**but they have to pay their own expense.

DAY 9:RETURN FLIGHT (KOLKATA / MUMBAI),

DAY 10:ARRIVE (KOLKATA / MUMBAI)

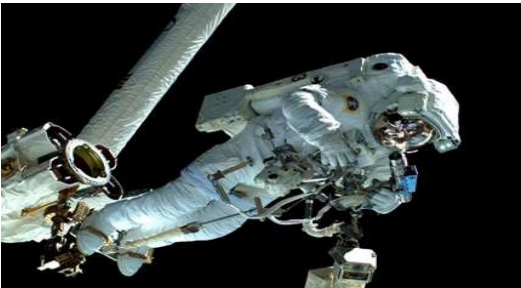
15. What are the benefits of the program?

At Space Camp, students get to see real-world applications of the SUBJECTS Math, science, engineering, and technology concepts they are studying at school. Space Camp programs bring key concepts alive with experiences like space missions, weightlessness, moonwalks, rocket building, robotics, and simulator training. Space Camp, however, means so much more than just space flight training. Meticulously planned, immersive programs and interpersonal skills - such as teamwork, self-confidence and communication, while positive adult role models help children strengthen their powers of reasoning, solve problems creatively, and enhance their leadership skills.

16. What are the limitations for Essay and Project for Space Camp.

Type 1– Essay minimum 5 pages and maximum 9 pages.

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Type 2 –Essay minimum 10 pages and maximum 15 pages.

Essay should be written by Individual Students.

Project made by Individual students or maximum 4 Students shall do one Project
Regarding Space Camp Project Minimum 20 and maximum 36 slides,
Type 1 --Only Power Point Presentation (PPT)
Type 2 –Working Model supported by PPT
Type 3 –Non Working Model supported by PPT

Is there any font or font size or other special requirement for the essay.
Reply—font size preferred 9 or 10, but there is no restriction as such.

In what format is the essay to be submitted.
Reply- Format for essay JPEG, PDF or WORD.

Can we include images in our essay, do we need to write to citation resources or references.
Reply- Add Images in a additional pages and citation resources or references are Optional/ Not Compulsory.

17. What is the selection Procedure?

SELECTION PROCEDURE (COMMONN FOR ALL): (1) Stage 1- Screening Test (Written)
(2) Stage 2- Final Test (Objective type)/ Interview

Exam Center:New Delhi, Gurgaon, Chandigarh, Lucknow, Jaipur, Kolkata, Bhubaneswar, Patna, Guwahati, Chennai, Hyderabad, Bangalore, Cochin, Mumbai, Ahmadabad, Indore and Interview Centre : Kolkata, New Delhi , Chennai and Mumbai.

Exam Pattern
Stage 1 – Written Exam
Written Exam Duration -1 hours
Maximum Question –6 Subjective, for model paper Email (shaktichariot@gmail.com/ shaktichariot@hotmail.com / spacecamp@shaktichariot.in)

Note:-To qualify the Exam, Student have to score above 60% in Stage 1 – Written Exam, as Passed and eligible for Stage 2 Exams.

Stage 2 –Interview/Written Exam (Objective/Fill in the blank)
Question for Stage 1 and Stage 2 Exam is based on Submitted Essay/Project (Every student have a different Question Paper)

18. REFERENCE TOPIC for NASA Space Camp?

Reference Topic for Essay/Project.
Student shall choose the topic from below mentioned or make their own topic based on below references.

- Refraction in space
- Multiverse- We are not the only ones
- Garbage Disposal in space
- Geo stationary satellite in Space
- Laser Communication in Space
- Revelation of the Milky Way galaxy
- Fluid Delivery in Space
- Magnetic Displacement in space
- Limitless - An expense of the Sky
- Revelation of the Milky way galaxy
- Space Suits
- Earth Environmental Space Craft
- Martian Life
- CD Drone
- Robot which can walk on irregular Surface
- The Psychology of Living & Working in Space
- Aerospace (The New Aerospace Dynamics)
- Life on Mars (Is there any life on mars)
- Technology and Space Exploration -- The Challenger Space Shuttle
- History of Space Shuttle Programme
- Reason to continue with manned space Exploration
- A Manned Mission to Mars
- The Benefit of Space Exploration
- Lunar landing is Conspiracy or Reality
- Colonization on Mars
- Life on Mars
- The Asteroid missing
- Kansas Cosmosphere & Space Centre
- Deep Space-- The Pioneer of Space Travel
- Establishing Plant life on mars
- Space Exploration
- Space Exploration Techniques
- Space Exploration & its Advantages
- The ethics concerning the space debris
- Man on the moon
- To be an Astronaut
- Aerospace
- Hoax Moon
- Nasa mission towards earth vs. mars
- Advanced Air Transport Technology
- Commercial Supersonic Technology
- Hypothesis in cosmology
- Solar Radiation
- Life cycle of a Star- Stellar Evolution
- Crucial Program; Space Exploration
- The Solar System
- NASA Mission towards- Earth Vs Mars
- Moon landing Conspiracy or Real
- Project--Psychology of living and working in space
- Electricity and Energy Production by Eco-friendly means
- Transmission of matter

SPACE CAMP FAQ

International Space Station virtual shield
Our Universe, A Multiverse and a Theory
Singularity and Particle emissions of a black hole
Gateway to Cosmic Planets
Space-Time
The mission towards Mars
Black Holes
Galaxy- A Terrible Wonder
Humans on Mars
Habitation/Terraforming of Venus
Multi-Universes and the Aliens
Protecting Body from Radiation
Lunar Landing reality or Conspiracy
The Technology of Living in Space
Conserving the expenditure of fuel on space expedition
Mars Odyssey
Satellite
Milky Way
India mars orbiter mission
Mars and the Multiverse
Life on other Planets
Human being Vs the Universe
Galaxy of Light Years
A Journey Space; Shuttle Program
The Beginning and the end of Universe
Sky is not the limit
The Space Age
Entropy of Universe
Deep space: The pioneer of Space Travel
Voyage to Black Hole
Space Debris
Meteoroid

- Tips to Write Essay/Project.**
1) Put your topic in "Google" search engine,
2) You will find more than 20 pages,
3) Make your Essay/project highlighted towards modern technique.
4) Find the best of it and describe in your own language.

19. I want to know about the University/College available to study after 10+2, UG/PG.
[List for University/College associated with Space Camp and Related Activity is attached herewith,](#)





Complete List about University/College detail refers to website or Email us.

20. I want to know about associated Company.
Partial List for Company/Organisation associated with Space Camp and Related Activity is attached herewith,



The Northern Space Consortium

Enable new & existing business to diversify into the space industry.
Extol the capabilities and expertise of the North of England to the wider national and international space industry.
Continue to work closely with existing trade and governmental bodies, providing leadership for the North of England in support of the UK Government's National Space Policy.



United Nations Office for Outer Space Affairs (UNOOSA)

Promote understanding, acceptance and implementation of the United Nations treaties and principles on outer space;
Consider trends in and challenges to international space law;

Discuss novel areas in international space law and policy and governance of outer space activities;
Consider mechanisms for increasing regional and international cooperation in the peaceful uses of outer space;



ISS NATIONAL LAB

Tasked by NASA to manage, promote, and broker research onboard the International Space Station (ISS), the ISS National Laboratory is enabling a new era for space investigations capable of improving life on Earth.



Frontier Aerospace Corporation

Frontier Aerospace Corporation designs, develops, and tests innovative space and launch systems. Focusing primarily in the areas of booster rocket engine components, reaction control thrusters, attitude control propulsion systems and deep space exploration thrusters, we have the experience, resources, partnerships and industry contacts necessary to see complex projects through.



We are an R&D and Manufacturing engineering company that designs and builds unique solutions for our customers' challenges, on Earth and in space. We make next-generation applications a reality through creative, collaborative engineering that combines the best minds with the best technology.
Honeybee started working with NASA in 1986. Since then, we have continually built our capabilities to design and develop innovative, reliable systems for space and other tough environments here on Earth. Our steady, consistent work supporting planetary research has led to us supplying NASA with critical technologies for its last three Mars missions.

SPACE CAMP FAQ



Advanced Space

We're dedicated to improving the next generation of launch vehicles and spacecraft, developing autonomous, onboard capabilities for enhanced operations and supporting advanced spaceflight mission design efforts to the Moon, Mars, asteroids, and beyond. Commercial interplanetary mission design and spacecraft navigation services to support proposals and mission operations to the Moon, Mars, asteroids, and beyond.

OPEN COSMOS

Open Cosmos

Our high performance small satellite infrastructure can be developed in just months, tested and manufactured on site, launched from a host of global locations and operated by our experienced engineers to deliver the data and insights that matter to your organisation and your customers.



ASE Optics Europe

ASE Optics Europe offers a complete service in optical engineering for systems and products development. We foster innovation through the innovative solutions we apply to our customer's products and projects. Our extensive knowledge of optical technologies allows us to develop new uses and applications of current techniques. Your trusted partner in optics for the successful development of your products and projects.



Valispace

Our fast-paced international team celebrates rocket landings, under-water data centers, privately owned fusion reactors and everything else that will make human lives better. ClearSpace's objective is to shape sustainability beyond earth. Their ClearSpace-1 mission was commissioned by ESA to remove non-functional orbiting objects and reduce their risk of collisions.



S.A.B. Aerospace

SAB Aerospace is a leading company in the development of Mechanical Systems and Sub-systems for Satellites and Launchers based in Benevento, Italy. SAB Aerospace's mission is to manage and successfully complete space projects involving the design and the manufacturing of complex structures providing reliable solutions and high quality products to institutional and commercial customers.



Interplanetary Initiative at Arizona State University

ASU's Interplanetary Initiative is creating the future of humans in space, and thus building a bolder and better society here on Earth. Interdisciplinary and focused on producing rapid progress on the toughest challenges for human space exploration. We envision an interplanetary future built upon new structures, systems and perspectives created by diverse groups of people across disciplines, sectors and cultures. Together, we are shaping an inclusive and sustainable pathway into space.



PANGAEA™
AEROSPACE

Pangea Aerospace

We are an innovative, ambitious, multicultural and multidisciplinary team backed by top space investors and we make aerospike engines a reality. The most innovative rocket engines in the world. In October 2021, Pangea Aerospace fired the first ever aerospike engine using liquid methane and liquid oxygen as propellants. DemoP1 is a 20kN thrust engine, fully additively manufactured in only two pieces.



AVIASPACE Bremen e.V.

SPACE CAMP FAQ

GAIA-X is an European initiative supported by the Federal Ministry of Economic Affairs (BMWi) and the Federal Ministry of Research (BMBF) as part of the Federal AI Strategy and aims to establish an European cloud alliance. A trustworthy infrastructure intends to promote innovation and economic competitiveness, as well as European sovereignty and the availability of data from citizens, businesses, science and research.

Connect the North's existing space industry & encourage collaboration and cooperation in order to grow the region's share of the national and international market.

For Complete List about Company/Organisation detail refer to website or Email us.

Note :- For more FAQ and for further query you shall search the Website or you can Email us.
spacecamp@shaktichariot.in/spacevechile@gmail.com/shaktichariot@gmail.com

Join Space Camp and Explore the Universe.

