NASA Space Camp

Space Camp Joining Test(SCJT)

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 of 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 qualify the 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.

Pattern of Test: Stage 1 & Stage 2 Based on Submitted Essay/Project topic, space camp. Regarding Model paper E-mail us, **Note:** - Stage 1 Cut-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: 9th Floor, PS Arcadia Central, 4 A, Camac Street, Kolkata- 700016, 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 Mr Achytu-
+91 6290257027

Powered by

Jagannath Balram Subhadra Rath yatra Celebrated in Puri, Odisha which marks the new dimension to the Entire Universe.

SPACE CAMP FAQ

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.shakticharіot.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 [Mr Achytu
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, Mobile Number through Email-shakticharіot@gmail.com/shakticharіot@outlook.com/spacecamp@shakticharіot.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
-

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 to 10 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
4) Pre Departure meets for 2-3 Days in India.

SPACE CAMP FAQ

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.

Pattern of Test: Stage 1 & Stage 2 Based on Submitted Essay/Project topic, space camp. Regarding Model paper E-mail us, **Note:** - Stage 1 Cut-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.

Step 6: Participant Certificate will be given by Shakti Chariot Foundation.
Step 7: Shortlisted Entry will be Send for Space Camp.
Step 8: Shortlisted Student 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 student have 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.

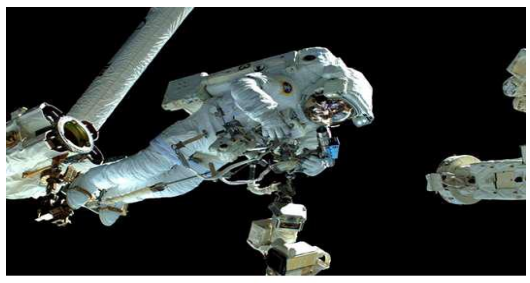
14. Tell me about the "EDUCATION TOUR PROGRAM to National Aeronautics and Space Administration of United States of America. (NASA) - Space Camp"

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 have a 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.

SPACE CAMP FAQ



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

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

Mode of Test: Online Test/Computer Based Test/Pen and Paper.

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

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
International Space Station virtual shield

SPACE CAMP FAQ

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,

Universities Space Research Association

INTERNATIONAL SPACE UNIVERSITY

GLOBAL SPACE UNIVERSITY

TEMPLE UNIVERSITY

FLORIDA TECH

THE UNIVERSITY OF ALABAMA IN HUNTSVILLE

UNIVERSITY OF LEICESTER

University of Kent

University of Glasgow

University of Southampton

RMIT UNIVERSITY

THE UNIVERSITY of ADELAIDE

Australian National University

MONASH University

UCD DUBLIN University College Dublin Ireland's Global University

YORK UNIVERSITÉ UNIVERSITY

University of Lethbridge FIAT LUX

UNIVERSITY OF TORONTO

STEVENS INSTITUTE of TECHNOLOGY THE INNOVATION UNIVERSITY 1870

SPACE CAMP FAQ

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.

Honeybee Robotics

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

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.

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.

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.

SPACE CAMP FAQ

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.

Blue Origin

Blue Origin is working today to create that future by developing reusable launch vehicles and in-space systems that are safe, low cost, and serve the needs of all civil, commercial, and defence customers. Blue Origin’s efforts include flying astronauts to space on New Shepard, producing reusable liquid rocket engines, developing an orbital launch vehicle with New Glenn, building next-generation space habitats, and returning to the surface of the Moon.

Paterson Aerospace Systems

Paterson Aerospace Systems was developed to reduce the negative impact the Aerospace Industry has on the resources of the Earth and other operational environments.
Paterson Aerospace Systems was developed to reduce the negative impact the Aerospace Industry has on the resources of the Earth and other operational environments.

Exotrail

Exotrail is an end-to-end space mobility operator. Our mission is to enable small satellites to move in space, optimise their deployment, increase their service performance, and reduce space pollution.
Exotrail has all the required means to sustain the development of the spaceware™ line and push it further, ramping up the production rate to achieve the goals.

Pixxel

Pixxel is making in-space resources available on demand to accelerate humanity’s expansion into space.
With the space sector growing exponentially today, it is only a matter of time before the demand for resources in space reaches a critical mass to enable economical extraction of asteroidal resources. Asteroid mining will soon become our best option to avoid depleting the Earth of all its resources and enable interplanetary travel.
Pixxel’s swarm of hyperspectral satellites will help us identify which asteroids have the most valuable resources enabling humanity to take that giant leap towards extracting these resources.

Dymaxion Labs

Our tools scrutinize diverse parameters, including field notes, images, ratings, management practices, and nutrition, chemical, and genetic data, facilitating optimized agronomic decisions.

Our offerings markedly improve efficiency, speed, and scalability, coupled with an intuitive user experience, delivering customized geospatial analysis for agriculture.

SPACE CAMP FAQ

HEAD Aerospace

HEAD Aerospace Group. Over the last 13 years, HEAD has been providing upstream space products in China by introducing a significant number of space products and services of international aerospace …

HEAD Aerospace is a one-stop-shop service provider with integrated access from multiple Earth observation satellite constellations to complex turnkey geospatial solutions.

Ethiopian Space Science and Technology Institute (ESSTI)

Contribute to the development of the national economy by providing creative and social services to our people and improving their living conditions in the field of space science and technology, In astronomy and astrophysics, on earth view global and to provide competitive research in aeronautics and astronomy, manpower training and international relations.

Celestial Space Technologies

Celestial aims to enable cis-lunar communication to support a growing space economy. In the long-term Celestial will offer a communication link service between earth and moon based on a data relay small satellite constellation, thus aligning with strongly increasing lunar exploration and commercial activities. In the short-term Celestial’s products will find applications for satellites in earth orbits as well.

Radalytica

The technologies used together with RadalyX are also provided as a service without the need to acquire your own robotic imaging system. The mobility and flexibility of RadalyX, we are able to provide one-off services with the help of our experts directly in the desired location. These services include professional scanning and operation of the robotic imaging system, detailed evaluation and interpretation of results to improve your manufacturing or research and development processes.

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.

Spacept

Our work in Geographic Information Systems (GIS) has been recognized by Copernicus, the European Space Agency (ESA), Digital Tech 50 (DT50), the Swedish government, Google’s SDGs Startup Accelerator, and Oslo’s Innovation Week.

We have a satellite data ecosystem and a drone imagery ecosystem. Depending on the degree of interest and what imagery is available in the geography of interest, we can supplement data with drone imagery, helicopter imagery, and what is needed for resolution and capture rate.

Instituto Nacional de Tecnica Aeroespacial (INTA)

The National Institute of Aerospace Technology is the Public Research Organization (OPI) under the Ministry of Defense. In addition to carrying out scientific research and development activities of systems and prototypes in its field of knowledge, it provides technological services to companies, universities and institutions.

SPACE CAMP FAQ

CSIC - Consejo Superior de Investigaciones Científicas
The Spanish National Research Council (CSIC) is a State Agency for scientific research and technological development, with distinct legal personality, its own assets and treasury, functional and management autonomy, full legal capacity to act and of indefinite duration

CSIRO
We're an Australian Government corporate entity, with a Board and Chief Executive. To carry out scientific research for any of the following purposes:
Assisting Australian industry;
Furthering the interests of the Australian community;
Contributing to the achievement of Australian national objectives or the performance of the national and international responsibilities of the Commonwealth;

Planetoid Mines
Planetoid Mines intends to develop a robust business case for space mining, we will be able to offer fuel cell products to terrestrial markets. Our long-term ROI comes from selling mining and processing equipment to space agencies and companies for use on the Moon." This includes technology for mining regolith, processing water from regolith, and splitting water into hydrogen and oxygen for consumption in fuel cells or cryogenic rocket fuel.
The closest design to their technology is NASA's Regolith Advanced Surface Systems Operations Robot (RASSOR) technology.

Parametry.ai
Space mission design: tokenization of spacecraft components and requirements, Space Traffic Management: decentralized consensus on risks definitions and risks remediation, Disaster and emergency response: exchange for automated satellite bidding on disaster insights, Neutral, transparent and decentralized consensus is a must-have in space.


Moon Mark
Moon Mark the global leader in low-payload commercial space systems, which will launch the racers on a SpaceX Falcon 9 mission from Earth to the lunar surface, and manage communications/video transmission of the race.
Moon Mark’s young people from all backgrounds across the globe the unique chance to join the next generation of innovators, designers and decision-makers.

NASA GeneLab
GeneLab is an interactive, open-access resource where scientists can upload, download, store, search, share, transfer, and analyze omics data from spaceflight and corresponding analogue experiments.
Discoveries made using GeneLab have begun and will continue to deepen our understanding of biology, advance the field of genomics, and help to discover cures for diseases, create better diagnostic tools, and ultimately allow astronauts to better withstand the rigors of long-duration spaceflight

Space Resources Laboratory
Space Resources Laboratory is a space subsystem provider specialising in propulsion systems for nanosatellites. Our products and services include Satellite Integration, Launch Services, Ground Services and Subsystems including CubeSat platforms, PocketQube platforms, Attitude Determination and Control Systems, Power systems for satellites and Telemetry, Tracking and Command (TT&C) systems.

Sustain Space
Orbital Genomics is an endeavor of SustainSpace to advance astroculture via several means. First, we will employ newspace approaches to bring in new resources as well as enable faster development. Second, we are taking a moderately deep, yet broad approach to astroculture: we are attempting to bridge the

SPACE CAMP FAQ

various silos. Third, in addition to traditional physical and hardware approaches, we are working on “soft”, information-oriented approaches such genomics analytics and new business models

SATLANTIS

SATLANTIS is a Space Technology for Earth Observation & Universe Exploration Company; unique in the market for its specific characteristics of agility, spectral capture and VHR resolution image quality.
With strategic partners, SATLANTIS provides End-to-End solutions, by controlling its own optical channels embarked in agile small sensor buses, operated in intelligent missions that generate unique customer proprietary data.

EUROAVIA

The European Association of Aerospace Students (EUROAVIA) is a European-based students' initiative and its main fields of activity are aerospace, engineering and the adjacent fields. EUROAVIA was founded in 1959 and is governed by Dutch law.
Rocket Workshop is an international event that focuses on enhancing the technical abilities of the participants, whilst stimulating teamwork. Contestants learn to communicate efficiently, to deal with a time limit, with the ultimate goal of designing and building a rocket.

GU Orbit

GU Orbit has built relations with several companies and research departments and plans to further improve relations in the future. This has allowed GU Orbit to incorporate these companies’ and research departments’ technology onto satellites. In consequence, students have also acquired invaluable experience with new technologies and research equipment along with real experience working with the space sector.

TS-Space Systems

Our in-house testing services provide standard ESA/NASA thermal vacuum cycling testing, outgassing testing, thermal vacuum bakeout and high intensity UV exposure testing. Our extensive knowledge and experience in vacuum physics means we are happy to help you design and modify your test or undertake 'R & D' contracts at competitive prices.

SEADS (Space Ecologies Art and Design)

SEADS (Space Ecologies Art and Design) is a transdisciplinary and cross-cultural collective of artists, scientists, engineers and activists. Its members come from all corners of the world, from places such as the Philippines, Belgium, the UK, Malaysia, Kosovo, and the US. SEADS is actively engaged in deconstructing dominant paradigms about the future and develops alternative models through a combination of critical inquiry and hands-on experimentation.

Paradigma Technologies

Provide innovative and reliable solutions focused on improving performance and energy efficiency, with reduced dimensions and weight, Development and production of state-of-the-art mmWave telecommunication systems for small satellites, cubesats, drones and SOTM

QC Laboratories

Our expertise is providing all disciplines of non-destructive testing services for aerospace, defence, and space materials. In particular, we excel at NDT for additive manufacturing (AM) technologies across a wide range of industries.

Al Thuraya Astronomy Space Center

The modern astronomical center has been created to serve the education and tourism sector, while promoting the Arabic heritage and culture of Astronomy. It will provide scientific awareness to the community and enrich it with astronomical activities and events. The center is also intended to support government bodies in line with their needs.

SPACE CAMP FAQ

GGPEN

The National Space Program Management Office (GGPEN) was created to manage and monitor the development of the National Space Program. Supervised by the Ministry of Telecommunications, Information Technologies and Social Communication (MINTTICS), it is a legal person governed by public law, with personality, administrative, financial and patrimonial autonomy.

Space Information Laboratories (SIL)

SIL's patented and space-qualified products have been integral for missions for the advancement of the United States aerospace enterprise.
SIL developed and produced Li-Ion Intelli-Pack® Batteries for the NASA Johnson Space Center's and International Space Station (ISS).

ENPULSION

ENPULSION has successfully introduced a high rate production of a high-performance electric propulsion technology. Based on value stream analysis, a scalable production line design has been implemented that scales to mega constellation production rates. Our product lifecycle philosophy is based on the agility of lean manufacturing combined with heritage quality processes.

Precious Payload

Over the last ten years, humanity has invested over $252.9 billion in attempting to make space accessible and affordable. Some breakthrough achievements have been made, including the advent of reusable rockets and the proliferation of modular satellites (aka CubeSats) and same cannot be said for breakthrough businesses.

SkyEnergy

Its operating model starts with key strategic partnerships with expert research institutions in the UK who initiate IP development, from which AltEnergis finalises product development and supports endgame commercialisation.
It's mission is to support innovation and to the forefront of the market new technologies that have the potential to create long-term positive impact.

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.

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.

SPACE CAMP FAQ

SPACE CAMP FAQ