After 10+2

Opportunity to Participate in Global Programme and Interact with Globally renowned Tutor, more than 90 Countries Student are Participating, Opportunity to Explore the World.
Shakti Chariot Foundation{SCF} is the International Organization for Education & Career Opportunities and Cultural relations. The European Union covers over 4 million km² and has 495 million inhabitants, Currency -Euro European Union generated an estimated 26% (US$16.282 trillion) of the global economy, or 20% (US$15.170 trillion) when adjusted in terms of purchasing power parity of the top 500 largest corporations measured by revenue and more than 161 Company have their headquarters in the European Union.

Bachelor Degree in Engineering {B.E/B.Tech}: Branches

Computer Engineering
Robotics
Telecommunications
Electrical Engineering
Mechanical Engineering
Automotive Engineering
Structural Engineering
Petroleum Engineering

Space
Astronaut
Space Science
Aerospace Engineering

Merchant Navy
Marine Engineering
Nautical Science
Naval Architecture

ELIGIBILITY

Candidate must be Passed or Appearing in Class 10+2 with Physics, Chemistry and Math as main subjects.

Global Opportunity to Study in the world's best Places which include Harvard University, University of London, Oxford and Cambridge University and number of other Universities and Colleges and Interact with Globally renowned Professors. Along with you more than 80 Countries Students are studying with after Study Placements in Fortune Companies and Opportunity to Explore the World. For Complete list refer to Section of the Website.

Place of Programme:

Candidate shall choose the Preferences and mention the same in Registration form.

Europe
United Kingdom (UK)
United States of America (USA)
Canada
Australia

SPONSORED STUDY

Sponsored Study is provided from the Overseas Organization and this will cover their University / College Fees, Hostel & Living Expenses,To & Fro Air Ticket from India to Overseas Study Country, but with a Condition that He / She have to execute a service bond with the Sponsoring Organization and its Sister Concern. The Salary during the Bond Period is in between Rs 30 Lacs p.a - Rs 50 Lacs p.a.approx, depending upon the Course & Grade of Pass out.

Benefits:
1. All tuition expenses are covered by Sponsoring Organization.
2. Dormitory support for living.
3. Two round-trip plane tickets between his or her mother country and Study Destination during the course (once a year).
4. Employment with Sponsoring Organization after Study.

Main Features:
1. Opportunity to be a part of Global Family
2. Strong leadership and high academic standards
3. Organization Commitment for Global Program
4. All courses are taught in English
5. Curriculum combining academic depth and managerial relevance

Conditions of the Program:
1. Upon completion of studies at Concerned University / College, the Sponsored recipient is required to work at Sponsored Organization for 3 years with an appointment related to his or her major.

2. After 3 years of employment at Sponsored Organization, he or she may continue to work at Sponsored Organization or return to his or her home country or anywhere in the world to work for a local subsidiary of SEC, upon mutual agreement between him or her and Sponsored Organization.

For Applying Student have to fill this option in Registration Form

“In this universe death destroy the Identity of body but soul always exists with the power of love”

The Multinational Companies show much attention to talented personnel with strong business skills, leadership potential, and career aspirations recognizing a compelling need for high-quality leaders. The program identifies Individuals who demonstrate academic excellence and leadership potentialities and provides them with unique opportunities for leadership development. The program provides young leaders with a unique international network through which they can share ideas, learn from established leaders, work collaboratively and address global challenges. By exposing participants to the complex issues and opportunities arising from an increasingly interdependent global economy, the program aims to expand perspectives and enhance skills critical for leadership in a changing world.

Income during Study

Along with study student can earn 10 Euro – 15 Euro per hour (In Indian Currency Rs 800 – Rs 1200 per hour) If Student is working 20 hours per week and full time during vacation then its average income will be Rs 90,000 /- per month.
With this one gets the taste of work life, will get to interact with a vide cross section of people of various fields: This will allow you to make mistakes and learn, as it doesn’t carry too much responsibility.

Job after Study:

The Students after Completing the courses get Job work Permit .The U.S. Bureau of Labor Statistics estimates the average yearly earnings of Engineers as $79,610.

“Education should not limit oneself to bodily requirement and comfort, but Education must satisfy one’s Soul”

SELECTION PROCEDURE

(COMMON FOR ALL) :

1) Stage 1- Written Test
2) Stage 2- Interview

EXAM Test Center: New Delhi, Gurgaon, Chandigarh, Lucknow, Kolkata, Bhubaneswar, Patna, Guwahati, Chennai, Hyderabad, Bangalore, Cochin, Mumbai, Ahmedabad, Indore.
Interview Centre: Kolkata, New Delhi, Chennai, Mumbai

Written Test Pattern (10+2 Level)

SYLLABUS

Physics	----	20 Questions
Chemistry	----	20 Questions
Math	----	20 Questions

Note- Physics, Chemistry and Math ---- Based on the 10+2 levels

Total Question	----	60
Duration	----	1 hour
Max Marks	----	600

Each Question Carry 10 Marks
There is a Negative System of marking, for each wrong answer 3 Marks will be deducted.

Note:- Candidate Scoring above 60 percent in the Stage 1- Written Test is considered as Passed and eligible for further selection.

Interview
Based on the 10+2 Subject & Academic Knowledge
Students have Physics, Chemistry and Math in 10+2 .then the Interview will be based on this Subject

HOW TO APPLY
Download Shakti Chariot Registration form given on website – www.shakticharіot.in

Steps Required

Step 01: Download Shakti Chariot Registration form given on website – www.shakticharіot.in
Step 02: Fill the Registration form and Submit before last date for Submission.
Step 03: When we receive your filled Registration Form it will be given careful consideration and we will send you a Reply & Acknowledgement.
Step 04: When you send your final Mark sheet of 10+2 and clear exam then we will forward the details to concerned Overseas University/College.
Step 05: Interview, Overseas University/College will send you the Admission Confirmation letter.
Step 06: Apply for visa & air ticket
Step 07: Pre Departure meet
Step 08: Arrival to Concerned Overseas University/College
Step 09: Study & part time job.
Step 10: Full time job.

Frequently Asked Questions(F.A.Q)

What are the Salary to other Branches of Engineering Job?

The U.S. Bureau of Labor Statistics estimates the average yearly earnings of Engineers as $79,610 .
Overtime pay is frequent because of the job's unusual hours, and the benefits are excellent. By moving up the ranks command big salary increases.

What Percentage is required for passing the Exam?

Candidate Scoring above 60 percent in the written exam is considered as Passed and eligible for further selection.

If I don't have a passport can I apply to the Sponsored Study?

Yes, Eligible to apply but make sure your passport is ready at the time of Interview.

Work during and after and Co-Operative programme

Several programs may even have a paid co-op term where one gets hands on experience in working in the industry. These may even be paid co-ops. Further students on the completion of their program of 1 year can work upto 1 year and students applying for 2 years program can work for 2-3 years.

I want to know about the University/College.

Partial List for University/College is attached herewith,

USRA Universities Space Research Association

INTERNATIONAL SPACE UNIVERSITY ISU

GLOBAL SPACE UNIVERSITY

TEMPLE UNIVERSITY

FLORIDA TECH

THE UNIVERSITY OF ALABAMA IN HUNTSVILLE

UNIVERSITY OF LEICESTER

University of Kent

University of Southampton

University of Glasgow

RMIT UNIVERSITY

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

I want to know about Company .

Partial List for Company/Organisation 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

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.

SPACEX

SpaceX has articulated that a completely new, fully reusable, super heavy-lift launch vehicle is needed, and is developing designs that consist of a reusable booster stage and a reusable integrated second-stage/long-duration-spacecraft. They have developed more than one comprehensive set of booster and spacecraft designs that they believe would best achieve their Mars vision,the current vehicle include four vehicles that each use what Musk called the internal codename "BFR": the BFR booster, BFR spaceship, BFR tanker, and the BFR satellite delivery spacecraft.

FRONTIER AEROSPACE

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
Spacecraft Mechanisms Corp

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.

Norsk Romsenter
NORWEGIAN SPACE CENTRE

The Norwegian Space Centre (NSC) is a governmental agency under the Ministry of Trade and Industry. The headquarter is located in Oslo. NSC promotes the development, co-ordination and evaluation of national space activities as well as supports Norwegian interests in the European Space Agency. The goals of NSC are to create growth in the space sector, meet national user needs, attain a leading position in space research and maintain a leading role in space-related ground infrastucture.

Ball Aerospace
& Technologies Corp.

Ball Aerospace began building pointing controls for military rockets in 1956, and later won a contract to build one of NASA's first spacecraft, the Orbiting Solar Observatory. Over the years, the company has been responsible for numerous technological and scientific projects and continues to provide aerospace technology to NASA and related industries.

Advanced
SPACE

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.

Nammo

Nammo has nearly five decades of experience in developing and producing different rocket motors for missiles and space applications. Nammo has for instance delivered rocket motors and components to Ariane 5 since the nineties.

MOOG

Moog has technologies for satellites and space vehicles in addition to various aspects of defense such as missiles, weapons / stores management, turreted weapon systems, Naval technologies along with Security and Surveillance systems,for satellites, Moog develops chemical and electric propulsion systems and space flight motion controls. Launch vehicles and missiles use Moog's steering and propulsion controls, and the International Space Station uses its couplings, valves and actuators.

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.

Telenor Satellite is a major European satellite provider of broadcast and data communication services for customers in the broadcast, maritime, and oil and gas markets.

Tekna – The Norwegian Society of Graduate Technical and Scientific Professionals, is the largest society for academics in Norway within science and technology. As a member, you can always count on Teknas support, be it on a legal issue, in pay negotiations or to safeguard your conditions on employment. In addition, you will enjoy the benefits of courses, take part in various professional and social events and excellent insurance cover. Tekna has some 65,000 members, and over 11,000 student members.

The University Centre in Svalbard (UNIS) is the world's northernmost higher education institution, located in Longyearbyen at 78º N. UNIS offers high quality courses at the undergraduate, graduate and postgraduate level in Arctic Biology, Arctic Geology, Arctic Geophysics and Arctic Technology. About 450 students from all over the world take one or more courses every year at UNIS. The student body consist of 50 % Norwegian and 50 % international students and English is the official language at UNIS. UNIS owns and operates the world's northernmost aurora observatory, the KjellHenriksen Observatory (KHO), located 15 km outside Longyearbyen.

Honeywell is a global provider of integrated avionics, engines, systems and service solutions for aircraft manufacturers, airlines, business and general aviation, military, space and airport operations. Its Commercial Aviation, Defense & Space and Business & General Aviation business units serve aircraft manufacturers, airlines, business and general aviation, military, space and airport operations.

TRW Systems Group designed and built the instrument package which performed the Martian biological experiments, searching for life aboard the two Viking Landers launched in 1975. The 34 lb (15.5 kg) system performed four experiments on Martian soil using a gas chromatograph-mass spectrometer (GC-MS) and a combined biological instrument.

Hughes Space and Communications Group and the Hughes Space Systems Division built the world's first geosynchronous communications satellite, Syncom, in 1963 and followed by the first geosynchronous weather satellite, ATS-1, in 1966. Later that year their Surveyor 1 made the first soft landing on the Moon as part of the lead-up to the moon landings in Project Apollo. Hughes also built Pioneer Venus in 1978, which performed the first extensive radar mapping of Venus, and the Galileo probe that flew to Jupiter in the 1990s, The company built nearly 40 percent of commercial satellites in service worldwide in 2000.

Orbital ATK's Space Systems Group provides satellites for commercial, scientific, and security purposes,This group also produces the Cygnus spacecraft, which delivers cargo to the International Space Space Station. The group is based at the company's headquarters in Dulles, Virginia.

HEICO’s products are found in aircraft, spacecraft, defense equipment, medical equipment, and telecommunications systems. They are an independent provider of FAA-approved aircraft replacement parts; a significant provider of aircraft accessories component repair & overhaul services for avionic, electro-mechanical, flight surface, hydraulic and pneumatic applications; Commercial and Military aircraft parts distribution; and a manufacturer of other aircraft parts.

We offer a vast portfolio producing air and missile defense, unmanned aerial systems (UAS), ground robotics, precision-guided weapons, and loitering munitions. We deliver special-mission aircraft, modernize military aircraft and helicopters, and convert passenger jets into cargo aircraft through modification, conversion, and system integration. Our technology expertise features systems and solutions from reconnaissance satellites and radars to all aspects of command, control, and communications, computing and cyber, intelligence, surveillance, and reconnaissance systems.

The company intended to manufacture unmanned aircraft under the designation AtmoSat. The so-called "atmospheric satellites" or Solar Powered Atmospheric Satellite Drones were predicted to travel up to 20 kilometers high and to have

satellite-typical functions. Equipped with a solar power system they were projected to, according to the company, fly continuously up to five years and thereby cover four million kilometers.

TAI’s experience includes the licensed production of General Dynamics F-16 Fighting Falcon jets and the design and development of unmanned aerial vehicles (UAVs), target drones.

Notable aircraft produced by the company include the 'Boxkite', the Bristol Fighter, the Bulldog, the Blenheim, the Beaufighter, and the Britannia, and much of the preliminary work which led to the Concorde was carried out by the company. In 1956 its major operations were split into Bristol Aircraft and Bristol Aero Engines. In 1959, Bristol Aircraft merged with several major British aircraft companies to form the British Aircraft Corporation (BAC) and Bristol Aero Engines merged with Armstrong Siddeley to form Bristol Siddeley.

The British Aircraft Corporation (BAC) was a British aircraft manufacturer formed from the government-pressured merger of English Electric Aviation Ltd., Vickers-Armstrongs (Aircraft), the Bristol Aeroplane Company and Hunting Aircraft in 1960.

The centre supplies complete propulsion systems, subsystems and component parts for satellites, orbital spacecraft, interplanetary spacecraft, re-entry vehicles, resupply missions to the International Space Station and currently the NASA / ESA Orion European Service Module.

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.
Clear Space’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.

MILSET

The International Movement for Leisure Activities in Science and Technology is a non-governmental, non-profit and politically independent youth organisation, which aims at developping scientific culture among young people through the organisation of science-and-technology programmes, including science fairs, science camps, congresses and others activities of high quality. European Space Camp is one of the many activities youths can take part in, and a full list of other activities and camps can be found at the MILSET webpage.

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.

Kongsberg Space & Surveillance is a division of Kongsberg Defence Systems, and delivers a broad spectrum of equipment, systems and services related to space and maritime surveillance customers in more than 40 countries. The portfolio includes equipment and components for the European heavy-lift launcher Ariane 5, communication satellites, earth observation satellites and scientific space probes.

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.

Andøya Space Center (ARR) is the world's northernmost permanent launch facility for sounding rockets and scientific balloons and is responsible for all scientific-related balloon and rocket operations in Norwegian territory. ASC provides complete services for launch, operations, data acquisition, recovery and ground instrumentation support. The space center has conducted 698 rocket launches and hosted scientists and engineers from more than 70 institutes and universities.

PROMETHEUS SPACE
SPACETECH CONSULTANCY & TRAINING

Prometheus Space is a Space Tech company based in London, UK with Dr. Ugur GUVEN as one of the pioneers who is an expert in the global space community.

SPACECHAIN

SPACE BLOCKCHAIN TECHNOLOGY

Space Chain Is the leading Innovator in the Space Industry empowering access to space products and services through advanced technologies like edge-computing, distributed infrastructure, and Generative AI, fostering inclusive collaboration and driving the vision of a decentralized satellite infrastructure.

Space Impulse

Space Impulse LTD

Space Impulse is the leading provider of media and market intelligence on the space technology industry.

astræa

Astraea, Inc

Our mission is clear: to be a driving force for the energy transition, to make the world a better place through data-driven, sustainable choices. We bring intelligence to the grid, purpose to your projects, and the power of place to your fingertips.

BLACK SKY
Be The First To Know

Black Sky

We own and operate the world’s most advanced space-based intelligence platform, providing satellite imagery, analytics and high-frequency monitoring.

Advanced Rockets Corporation (ARC)

We are on the path to make humanity a true space-faring civilization. Through the design and development of advanced propulsion technology and space launch systems, ARC will make space more accessible than ever before and propel the aerospace industry into the future.

Fossa Systems

FOSSASat FEROX is the new satellite generation developed by FOSSA, aimed at providing secure, accessible, and reliable IoT communications anywhere from LEO and carrying custom payloads for constellations.

LIA Aerospace

The expanding need for satellites calls for innovative, affordable, and sustainable solutions and our design and technology tackle the “last-mile” delivery of satellites, further from the Earth and into their destination orbit.

Astralytical broad expertise spanning science, technology, exploration, and public policy gives us a unique perspective. We envision a future of space access and use for everyone. We work toward a future where everyone has the ability to personally explore space, to view our planet from above and explore farther if they choose. We believe space is for all of humanity.

Székely Family & Co. Ltd

The main task of our company is to support socially and environmentally responsible research, innovation and development activities through joint projects and external, complementary services, in order to ensure a secure and sustainable future for generations to come.

Applied Ion Systems

AIS has complete flexibility in the modification of existing designs or technologies to suit the specific needs of individual satellites and AIS has built up a wealth of resources and information regarding current trends and analysis of technology in the field, and can provide advising and consulting regarding competitor analysis, propulsion technology comparison in

the market, market trends in micro-EP, and technology feasibility assessments for investors and developers in the space and satellite fields.

We envision a future where humanity is enabled and empowered to expand beyond Earth to permanently and sustainably settle the Solar System.
A dynamic and robust industrial in-space economy is essential to this future.
CisLunar Industries is creating the critical metal processing capabilities required to support the in-space industrial value chain.

Space Court Foundation
By cultivating meaningful partnerships, we seek to raise awareness about the critical role of legal frameworks in resolving space-related disputes, as humanity takes bolder steps into the final frontier.
The Foundation engages in partnerships and collaborations that help grow greater awareness of space law and how disputes in space may be resolved as humans venture further from Earth in the not too distant future.

From the ground segment to the space systems, the space sector is increasing the effort devoted to system safety.
A space system can be developed over the course of more than twenty years, investing large amounts of money in engineering and manufacturing.
Despite the fact that many of the space missions are unmanned and they do not represent a risk for humans, they often have a high economic risk.

Astron Systems is focused on enabling next generation affordable and high frequency launch capability for the growing small satellite market. We believe in an engineering driven design philosophy and are taking advantage of the physics of smaller scale launch vehicles to transform how small payloads are launched.

Quilty Analytics
To empower decision-makers with the financial and strategic insights needed to navigate the evolving space economy.
Stay abreast of industry and company trends with quarterly reports on satcom, Earth observation (EO), and space hardware.

Access the latest, curated industry news headlines, aggregated and customized for your unique needs and interests
Read ongoing updates and “Quilty QuickTakes” on the latest developments impacting the entire space ecosystem.

American Society for Gravitational and Space Research (ASGSR)
The Vision of ASGSR is to advance biological and physical sciences research in, of, and for space by bringing together professional communities spanning gravitational biology, radiation biology, physical sciences, bioastronautics and astrobiology, and mentoring the future scientific and engineering leaders in these fields.

QuadSAT is a Danish company that supplies drone-based antenna testing and tracking solutions to the satellite, defence, wireless and broadcast markets. QuadSAT’s system combines advanced drone technology with a custom RF pointing payload.
This is making high quality antenna testing and diagnostics accessible, helping the satellite industry deliver seamless connectivity, reduce the risk of interference, and keep customers connected.

AADYAH Aerospace
AADYAH designs, prototypes and produces space systems and spacecrafts.

The Norwegian Space Agency is a Norwegian government agency that follows Norway's public space activities. NOSA's goal is to ensure that Norway benefits from any space activity in which Norway engages.
Its purpose is to conduct space activities that are of use to society and contribute to business development. The agency is also charged with safeguarding and promoting Norway's interests in relation to ESA, the EU space programmes.

ARQUIMEA was founded with the aim of developing technologies that are transformed into products and services that can be used to solve the problems and challenges facing society.
We work on this purpose every day, not only from our own organization, but also by supporting other companies.

SPIN - Space Innovation

Our vision is to strengthen the culture of space exploration in the country, creating a core for space technology development by providing the needed knowledge, labs, and networking.

Continuum Space Systems (Continuum) is a Software-as-a-Service for space startup launched from the Mandala Space Ventures studio in Pasadena, CA. The service is based, in part, on technologies licensed from California Institute of Technology (Caltech), which is the parent company of the Jet Propulsion Laboratory (JPL), a NASA field center for robotic exploration of space. The total funding invested in the development of these tools, exceeds $40-50M by NASA over multiple decades. These tools are flight proven and are what NASA/JPL use to design and navigate missions across our Solar System.

Earth Observation Satellite Images Applications Lab (EOSIAL)

The Lab of remote sensing satellite images applications is dedicated to develop innovative application through the use of optical remote sensing data (multi- and hyper-spectral) and SAR, integrated with GIS analysis. The activities of the laboratory is oriented, in particular, to the development of automatic monitoring applications in 'real-time'.

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 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 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.

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.

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.

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.

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.

GeneLab Open Science for Life in Space

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

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 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.

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.

Intel Corporation

Intel uses industry collaboration, co-engineering, and open-source contributions to accelerate software innovation. Optimized for Intel hardware, Intel software connects millions of developers to develop and evolve new technologies, solve critical problems, and create opportunity. We also deliver a steady stream of open-source code and optimizations for projects across virtually every platform and usage model.

EnduroSat is on a mission to transform the complex satellite industry into a streamlined data service, enabling instant access and transactions with space data on the cloud from hundreds of sensors in orbit and made possible by unique satellite technology.

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.
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