UL SPACE CLUB
Kozhikode

REGISTERED SPACE
TUTOR OF ISRO

Webinar Series

2023 - 2024

www.ulspaceclub.in

ulspaceclub

ABOUT US

UL Space Club, as a Registered Space Tutor of ISRO, serves as a platform for nurturing, developing, and grooming students from high school onwards in the fields of Science, Technology, Engineering, Mathematics, and Space. Our emphasis is on acquiring intrinsic knowledge to realize the full potential of space exploration. The club was founded and is nurtured by Shri E K Kutty, a former Scientist & Director at ISRO. ULCCS provides not only overall management and administrative support but, more importantly, total funding for the UL Space Club. Over the past eight years, we have conducted various activities for students, including residential space camps, with the support of premier institutions such as the University of Calicut, NIT, IIST, CUSAT, and more.

74
Webinar Sessions

+

24
Special Webinars

8,000+
Cumulative Participants

100+
Speakers

WEBINAR SERIES

Our mission at UL Space Club is to ignite a passion for science, inspire curiosity, and pave the way for the next generation of space enthusiasts to excel in this thrilling field. When the COVID-19 pandemic brought all our offline activities, including space camps, to a halt, our mentor, Shri E.K. Kutty, challenged the students to explore alternative avenues for learning. Rising to the occasion, our Student Lead Varun and his team conceptualized the idea of hosting a webinar series. On May 23, 2020, we launched our inaugural session with Dr. Jayanth Murthy from the Indian Institute of Astrophysics as the keynote speaker, supported by an expert panel. From the very beginning, our webinars attracted over 100 students, reflecting the strong interest in space science.

Initially, we planned to conduct around 5-6 sessions as part of this series. However, the overwhelming response from participants across the country led us to extend the program. To date, we have successfully hosted 62 webinar sessions featuring speakers from prestigious institutions such as ISRO, DRDO, NRSC, IIA, IUCAA, ICTS, various IITs, IISERs, IISc, and numerous international universities. What began as a platform for students to engage with distinguished experts has since evolved, with students themselves leading sessions. In 2020, our webinars were held weekly, every Saturday. As schools reopened post-lockdown, we transitioned to a monthly format, with sessions taking place on the second Saturday of each month.

Beyond our regular webinars, we organize special interactive sessions with prominent figures on significant occasions. Esteemed personalities like Shri S. Somanath, Chairman of ISRO, and former VSSC Director, have shared their insights and experiences, providing invaluable inspiration to our students.

To further engage students, we hold a quiz competition in conjunction with each webinar session, with the quiz topic mirroring the webinar theme. Prizes for the winners, generously sponsored by Cindrebay Nurture, add an extra layer of excitement. Through these webinars, we ensure that students receive maximum exposure to cutting-edge topics in space science. Those who excel in their interactions are recognized by our mentors and nurtured within our learning ecosystem. Our students have enthusiastically taken on active roles, conducting over 200 webinar sessions for students across India, with a special focus on connecting with schools in Kerala.

As we look to the future, the UL Space Club Webinar Series will continue to serve as a beacon, guiding students towards careers in Science, Technology, Engineering, Mathematics, and Space. Our ultimate goal is to inspire and equip the next generation to lead the way in these fields, contributing to the growth of their careers and the advancement of space science.

WEBINAR SESSIONS - 2023

SESSION	DATE	TOPIC	SPEAKER	WATCH RECORDED VERSION
54	JAN 14	MOBILE LAUNCHING 3D PRINTED ROCKET ENGINE BASED MODULAR LAUNCH VEHICLES	PROF SATHYA R CHAKRAVARTHY IIT MADRAS	WATCH NOW
55	FEB 11	EDUCATION IN THE 4TH INDUSTRIAL REVOLUTION	SHRI ASHICK K P AIMA DELHI	WATCH NOW
56	MAR 11	ELECTRIC PROPULSION FOR SPACE	DR MANJU S NAIR LPSC,ISRO	WATCH NOW
57	APR 8	PLASMA - MANKIND'S AMAZING TOOL	DR A V RAVI KUMAR IPR, GANDHINAGAR	WATCH NOW
58	MAY 13	THE WORLD OF CHEMICALS	PROF KANA SURESHAN IISER,THIRUVANANTHAPURAM	WATCH NOW
59	JUN 10	MY UNDERSTANDING OF ENGINEERING FOR SPACE SCIENCE	DR TAPAN MISRA SAC,ISRO	WATCH NOW

60	JUL 08	HUMAN SPACEFLIGHT RESEARCH AND INTERNATIONAL SPACE STATION EXPERIMENTS	DR JAYAKUMAR VENKATESAN CEO, HARPY AEROSPACE , INDIA	WATCH NOW
61	AUG 12	ORGANOCATALYSIS	DR AKKATTU T BIJU IISC,BANGALORE	WATCH NOW
62	SEP 09	THE MOON: OUR CELESTIAL NEIGHBOUR	DR SMITHA THAMBI SPL , VSSC	WATCH NOW
63	OCT 14	SPACE APPLICATIONS TO CLIMATE CHANGE AND GLOBAL WARMING - PROSPECTS & PERSPECTIVES	DR C B S DUTT NRSC-ISRO	WATCH NOW
64	NOV 11	THE PRESENT GOLDEN AGE OF ASTEROIDAL EXPLORATION	DR B R GURUPRASAD JN PLANETARIUM, BANGALORE	WATCH NOW
65	DEC 09	EARTHQUAKES - THE MOST DEVASTATING DISASTER	DR K GANESHA RAJ RRSC-ISRO BANGALORE	WATCH NOW
66	JAN 13	SPACECRAFT LINK ENGINEERING & IN-ORBIT MANAGMENT	SHRI K JAYARAM MCF - ISRO	WATCH NOW

WEBINAR SESSIONS - 2024

SESSION	DATE	TOPIC	SPEAKER	WATCH RECORDED VERSION
67	FEB 10	CRAFTING THE MATERIALS OF FUTURE:A FIRST-PRINCIPLES APPROCH	DR SHIKHA SAINI MASSACHUSETTS INSTITUTE OF TECHNOLOGY(MIT), USA	WATCH NOW
68	MAR 09	STAR CLUSTERS-JEWELS IN THE SKY	DR SARITHA VIG IIST THIRUVANANTHAPURAM	WATCH NOW
69	MAY 11	BUILDING BETTER BATTERIES FOR CLEAN ENERGY FUTURE	DR M M SHAIJUMON IISER THIRUVANANTHAPURAM	WATCH NOW
70	JUN 08	PERSONAL GENOMES PRESISION MEDICINE	DR VINOD SCARIA IIT KANPUR	WATCH NOW
71	JUL 13	SPACE TECHNOLOGY AND APPLICATIONS TO SOCIETY	SHRI N SUDHEER KUMAR Director, CBPO, ISRO	WATCH NOW
72	AUG 10	TOUCHING LIVES WHILE TOUCHING THE MOON:THE GREAT INDIAN SPACE ODYSSEY	DR S RANGARAJAN Former Director, ISRO	WATCH NOW

73	OCT 12	AN INSIGHT INTO LUNAR LAVA TUBES	**ADIL KRISHNA P** 3rd Year BS-MS Student, IISER Kolkata Technical & Media Head, UL Space Club	WATCH NOW
74	DEC 14	SPACE STATIONS	**SHRI VIBHU UNNIKRISHNAN** SCIENTIST/ENGINEER, VSSC, ISRO	WATCH NOW

Join Us As A Co-Host

We Invite Schools, Colleges, And Universities To Join Us As Co-Hosts For The UL Space Club Webinar Series, Providing An Exceptional Opportunity For Your Students To Engage Directly With Experts In Space Science. By Co-Hosting, Your Institution Will Gain Priority Access To Sessions Featuring Leading Professionals From Organizations Like ISRO, DRDO, And International Universities, Offering Students Invaluable Insights Into The Latest Developments In The Field.

This Collaboration Will Not Only Enhance The Educational Experience For Your Students But Also Build A Lasting Connection With UL Space Club, Paving The Way For Future Joint Activities, Workshops, And Special Events. Co-Hosting Will Allow Your Institution To Demonstrate A Strong Commitment To Promoting Innovation And STEM Education While Raising Its Profile Within The Academic And Space Science Community.

Partner With Us To Inspire The Next Generation Of Space Enthusiasts. Reach Out To Explore How Your Institution Can Become A Co-Host And Play An Active Role In Shaping The Future Of Space Education.

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Contact Us

UL Space Club, Second Floor,
Quick Space, UL Cyber Park,
Kozhikode, Kerala, 673016

ulspaceclub.info@gmail.com

www.ulspaceclub.in

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