

SPACE CAMP 2025

Design, Build and Launch Your First Satellite

RESOLVE & SRC Present:



- **Hands-on Satellite Design & Development:** Build, test, and launch your own mini satellite with guidance from SUPARCO experts
- **Exclusive Training Series:** Work side-by-side with leading space engineers in immersive workshops
- **From Concept to Launch:** Turn your ideas into space-ready missions and see your satellite come to life
- **Hosted at Leading Universities:** Train at Lahore's top institutes and connect with like-minded space enthusiasts
- **Calling Space Pioneers:** Tailored to engineering students, STEM learners and space enthusiasts



Deadline: 30 Aug

Register Here



2 – 4 SEPTEMBER, 2025

University of Central Punjab, Lahore



Deadline: 6 Sept

Register Here



9 – 11 SEPTEMBER, 2025

University of Engineering and Technology, Lahore



Deadline: 10 Sept

Register Here



13 – 14 SEPTEMBER, 2025

Lahore University of Management Sciences



Deadline: 13 Sept

Register Here



16 – 18 SEPTEMBER, 2025

Lahore College for Women University

(ONLY FOR FEMALES)



Deadline: 19 Sept

Register Here



22 – 24 SEPTEMBER, 2025

Information Technology University, Lahore

Your satellite journey starts here — gain STEM skills through hands-on training with custom-built CANSAT and EYASSAT kits.



space.camp.pak@gmail.com



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Research Solutions & Ventures (SUPARCO) | Space Research Center (UCP)

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DAY 01	
1000-1015	Welcome and Teams Formation
1015-1030	Overview of Commercial Satellite Technologies
1030-1100	Fundamentals of Satellite & Mission Design
1100-1300	Command & Data Handling Subsystem Overview
	Power Subsystem Overview
	ADCS Subsystem
	RF Communication Subsystem
	Satellite Payloads
Lunch/Prayer Break	
1400-1600	Introduction to EYASSAT Kit
	Satellite Assembly & Integration - EYASSAT
	EYASSAT - Hands-on Training and Demonstration
DAY 02	
1000-1130	Welcome and Introduction to CANSAT Experiment
	CANSAT Workshop Presentation
	CANSAT Kit Distribution
1130-1300	Software Installation
	CANSAT Flight Model (FM) OBC Integration and Assembly
	CANSAT Flight Model (FM) ADCS Integration and Assembly
	CANSAT Flight Model (FM) EPS Integration and Assembly
Lunch/Prayer Break	
1400-1600	CANSAT Flight Model (FM) GPS/COMM Integration and Assembly
	CANSAT Flight Model (FM) PAYLOAD Integration and Assembly
	CANSAT Flight Model (FM) Assembly
	CANSAT Flight Model (FM) Mass Budget Analysis
	Ground Station Integration and Assembly
	CANSAT GPS Validation and Range Test
	Space Segment and Ground Segment Validation
Day 03	
1000-1100	Welcome and CANSAT Recovery with Parachute Design
1100-1200	Demonstration: CANSAT Launch and Landing
1200-1300	Demonstration: CANSAT Flight Data Analysis
Lunch/Prayer Break	
1400-1500	Briefing on CANSAT Competition WSW, 2025
1500-1530	Questions and Queries
1500-1600	Closing Ceremony



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LEARNING OUTCOMES

- Hands on Satellite Design and Development Lifecycle
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- Satellite Mechanical and Electrical Systems Integration
- Satellite Data Analysis and Scientific Interpretation
- Awareness of Engineering and Aerospace Careers
- STEM Learning and Innovation
- Problem Based Learning (PBL)
- Teamwork, Adaptability and Budget Management



WHO SHOULD ATTEND

- Students, Researchers, Innovators and Space Enthusiasts
- Faculty Members for Research Collaboration



REGISTRATION DEADLINE



30

AUG 2025

Limited
Seats

Secure your spot today and take the first step toward becoming a space tech pioneer!

Register Here:

<https://forms.gle/Dgsc9Z7CzD1QZdpbA>



EVENT DATES & VENUE

SPACE CAMP 1 of 5

2 – 4

SEPTEMBER
2025

University of Central Punjab
(UCP), Lahore



TOPICS

- Satellite Mission Concept and Objectives
- Satellite Real Time Telemetry
- Satellite Data Handling
- Satellite Mission Analysis
- Satellite System Engineering
- Satellite Flight Test Performance
- Satellite Embedded Electronics and Sensors Integration
- Satellite Assembly and Integration
- Satellite Payload
- Remote Sensing



SPEAKERS & TRAINERS

- Dr. M. Kamran Saleem (UCP)
- Dr. Shakeel Ur Rehman (SUPARCO)
- Satellite System Engineers (SUPARCO)



REGISTRATION FEE

Students: PKR 1,000
Faculty and Professionals: PKR 2,000

Hands-on training on custom built
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6

SEPT 2025

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EVENT DATES & VENUE

SPACE CAMP 2 of 5

9 – 11

SEPTEMBER
2025

University of Engineering and
Technology (UET), Lahore



TOPICS

- Satellite Mission Concept and Objectives
- Satellite Real Time Telemetry
- Satellite Data Handling
- Satellite Mission Analysis
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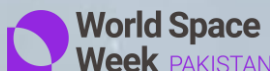


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EVENT DATES & VENUE

SPACE CAMP 3 of 5

13 – 14 SEPTEMBER
2025

Lahore University of Management
Sciences (LUMS), Lahore

TOPICS

- Satellite Mission Concept and Objectives
- Satellite Real Time Telemetry
- Satellite Data Handling
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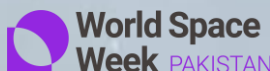
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EVENT DATES & VENUE

SPACE CAMP 4 of 5 (ONLY FOR FEMALES)

16 – 18 SEPTEMBER
2025

Lahore College for Women
University (LCWU), Lahore

TOPICS

- Satellite Mission Concept and Objectives
- Satellite Real Time Telemetry
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EVENT DATES & VENUE

SPACE CAMP 5 of 5

22 – 24 SEPTEMBER
2025

Information Technology University
(ITU), Lahore

TOPICS

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